



Ramón Martínez Mañez

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Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

Ramón Martínez-Máñez is Full Professor in the Department of Chemistry at Universitat Politècnica de València (UPV). Since 2015 he is the Scientific Director of The Biomedical Research Networking Center in Bioengineering, Biomaterials and Nanomedicine (CIBER-BBN) created under the leadership of the Carlos III Health Institute (ISCIII). He has been the Director (from its creation to 2020) of the Interuniversity Research Institute for Molecular Recognition and Technological Development (IDM), from the UPV and the Universitat de València. Additionally, he has also been the promotor and is currently Coordinator of the “Joint Research Unit in Nanomedicine and Sensors” with the Hospital La Fe in Valencia and the “Joint Research Unit in Disease Mechanisms and Nanomedicine” with the Centro de Investigación Príncipe Felipe. Ramón Martínez-Máñez has published a total of 506 research articles in refereed journals, 150 of them in highly-ranked journals. In recognition to his research, he was invited in 2010 by the journal *Angewandte Chemie* for his inclusion in the section “Authors Profile”. This was the first “Authors Profile” for a Spanish researcher published in this journal. He has been cited more than 22,900 times (Web of Science) with an average of more than 46 citations per paper. He has an h-index of 71 (Web of Science) and has published 43 articles that have been cited more than 100 times. He leads a research group of 43 members and publishes 31 articles in average per year. He has 8 “highly cited papers” (web of Science). He is co-editor of a book, co-author of 23 book chapters and has supervised 48 PhD theses, 11 of which have obtained the UPV PhD Award. He has been coordinator of 150 projects funded by the Spanish Government, the Generalitat Valenciana, the Carlos III Health Institute and H2020. He has been named co-Chairman (together with Prof. Thomas Wirth and the Nobel Prize Jean-Marie Lehn) of the journal *ChemistryOpen* and member of the International Advisory Board of the journals *Chem.Asian J.* and *ChemPlusChem* (all published by Wiley-VCH). Regarding technological transference, Ramón Martínez-Máñez holds 33 patents, 19 of them international. Four of these patents have been transferred to companies. He has participated in 42 projects in collaboration with national and international companies, being the coordinator at the UPV of 9 Retos-colaboración or INNPACTO projects. It is worth noting the project with PFIZER INC. to study the efficacy of the drug palbociclib in combination with senescence-activated pro-drugs. He is co-founder of the spin-off Senolytic Therapeutics SL and Match Biosystems. Ramón Martínez-Máñez has participated in over 170 research conferences, with 9 plenary conferences delivered at international meetings in the last 5 years. He has been awarded as referee by the journal *Angew. Chem. Int. Ed.* for six consecutive years. In 2009 he was granted with the Award of the Academia III Milenio in Chemistry. In 2010 and 2011, he was awarded by “Valencia Idea” in the sections Energy and Environment and Nanotechnology. In 2016 he received the Research Excellence Award by the Real Sociedad Española de Química (RSEQ). In 2018 received the Award Rei Jaume I of New Technologies 2018. In 2020, he was awarded with the Proteomics Scientifics Society Career Award, for his contributions to the field of sensors, nanocarriers, controlled drug delivery and communication between particles.



General quality indicators of scientific research

This section describes briefly the main quality indicators of scientific production (periods of research activity, experience in supervising doctoral theses, total citations, articles in journals of the first quartile, H index...). It also includes other important aspects or peculiarities.

6-Years Research Periods: 5 (Data of last 6-years research period 2018)

Times cited: 22.929

Average citations/article: 46

h-index: 71

Sixth author with higher h index in Spain in the area "Chemistry, multidisciplinary"

Awarded with Prize Rey Jaime I of New Technologies 2018.



Ramón Martínez Mañez

Surname(s): **Martínez Mañez**
Name: **Ramón**
DNI: **24322893W**
ORCID: **0000-0001-5873-9674**
ScopusID: **7004153203**
ResearcherID: **O-8915-2014**
Date of birth: **11/04/1963**
Gender: **Male**
Contact address: **Camino de Vera s/n**
Postcode: **46022**
Contact country: **Spain**
Contact city: **Valencia**
Land line phone: **(034) 963877000 - 73432**
Email: **rmaez@qim.upv.es**

Current professional situation

Employing entity: UNIVERSITAT
POLITÈCNICA DE VALÈNCIA

Type of entity: University

Department: Department of Chemistry, Interuniversity Research Institute for Molecular Recognition and Technological Development (IDM)

Professional category: Full Professor

Educational Management (Yes/No): Yes

Email: rmaez@qim.upv.es

Start date: 24/07/2002

Type of contract: Civil servant

Dedication regime: Full time

Primary (UNESCO code): 230300 - Inorganic chemistry

Identify key words: Supramolecular inorganic chemistry; Materials; Biomedicine

Previous positions and activities

	Employing entity	Professional category	Start date
1	Universitat Politècnica de València	Dtor.Inst.Interuniv.Inv. Reconocimiento Molecular y Desarrollo Tecnológico (IDM)	19/12/2015
2	Universitat Politècnica de València	Dtor.Centro Reconocimiento Molecular y Des.Tecnologico	25/05/2012
3	Universitat Politècnica de València	Catedrático/a de Universidad	14/05/2007
4	Universitat Politècnica de València	Dtor.Inst.Química Molecular Aplicada	01/01/2006
5	Universitat Politècnica de València	Dtor.Inst.Química Molecular Aplicada	20/06/2005
6	Universitat Politècnica de València	Catedrático/a de Universidad	24/07/2002
7	Universitat Politècnica de València	Profesor/a Titular de Universidad	18/04/1995
8	Universitat Politècnica de València	Profesor/a Titular Escuela Universitaria	18/04/1992
9	Universitat Politècnica de València	Profesor/a Titular Escuela Univ. -Inter,	19/10/1989
10	Universitat Politècnica de València	Profesor/a Asociado/a (ASO-1)	11/11/1988

- 1** **Employing entity:** Universitat Politècnica de València
Professional category: Dtor.Inst.Interuniv.Inv. Reconocimiento Molecular y Desarrollo Tecnológico (IDM)
Start date: 19/12/2015 **Duration:** 4 years - 1 month - 10 days
- 2** **Employing entity:** Universitat Politècnica de València
Professional category: Dtor.Centro Reconocimiento Molecular y Des.Tecnologico
Start date: 25/05/2012 **Duration:** 43 months
- 3** **Employing entity:** Universitat Politècnica de València
Professional category: Catedrático/a de Universidad
Start date: 14/05/2007
- 4** **Employing entity:** Universitat Politècnica de València
Professional category: Dtor.Inst.Química Molecular Aplicada
Start date: 01/01/2006 **Duration:** 76 months
- 5** **Employing entity:** Universitat Politècnica de València
Professional category: Dtor.Inst.Química Molecular Aplicada
Start date: 20/06/2005 **Duration:** 6 months
- 6** **Employing entity:** Universitat Politècnica de València
Professional category: Catedrático/a de Universidad
Start date: 24/07/2002 **Duration:** 58 months
- 7** **Employing entity:** Universitat Politècnica de València
Professional category: Profesor/a Titular de Universidad
Start date: 18/04/1995 **Duration:** 87 months
- 8** **Employing entity:** Universitat Politècnica de València
Professional category: Profesor/a Titular Escuela Universitaria
Start date: 18/04/1992 **Duration:** 36 months
- 9** **Employing entity:** Universitat Politècnica de València
Professional category: Profesor/a Titular Escuela Univ. -Inter,
Start date: 19/10/1989 **Duration:** 30 months
- 10** **Employing entity:** Universitat Politècnica de València
Professional category: Profesor/a Asociado/a (ASO-1)
Start date: 11/11/1988 **Duration:** 11 months



Education

University education

1st and 2nd cycle studies and pre-Bologna degrees

University degree: LICENCIADO EN QUÍMICAS

Name of qualification: Degree in Chemistry

City degree awarding entity: Unknown

Degree awarding entity: Universitat de València

Type of entity: University

Date of qualification: 29/06/1986

Doctorates

Doctorate programme: PhD in Chemistry

Degree awarding entity: Universitat de València

Type of entity: University

City degree awarding entity: Unknown

Date of degree: 03/07/1990

Attended advanced, improvement and innovative teacher training and new technology courses and seminars focused on improving teaching

Title of course/seminar: CURSO EN PREVENCIÓN DE RIESGOS LABORALES EN LA ACTIVIDAD DOCENTE DE LABORATORIO

Organising entity: ICE

Duration in hours: 15 hours

End date: 19/10/2012

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
French		B1	B1	B1	B1
English		C1	C1	C1	C1

Teaching experience



General teaching experience

- 1** **Type of teaching:** Official teaching
Name of the course: Ampliación de Ciencia de Materiales
University degree: Grado en Ingeniería Química
Course given: 2012
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 2,48
Entity: Universidad Politécnica de Valencia
- 2** **Type of teaching:** Official teaching
Name of the course: Ampliación de Ciencia de Materiales
University degree: Grado en Ingeniería Química
Course given: 2013
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 2,48
Entity: Universidad Politécnica de Valencia
- 3** **Type of teaching:** Official teaching
Name of the course: Ampliación de Ciencia de Materiales
University degree: Grado en Ingeniería en Tecnologías Industriales; Grado en Ingeniería Química
Course given: 2014
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 2,48
Entity: Universidad Politécnica de Valencia
- 4** **Type of teaching:** Official teaching
Name of the course: Ampliación de Ciencia de Materiales
University degree: Grado en Ingeniería en Tecnologías Industriales; Grado en Ingeniería Química
Course given: 2015
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 2,48
Entity: Universidad Politécnica de Valencia
- 5** **Type of teaching:** Official teaching
Name of the course: Ampliación de Ciencia de Materiales
University degree: Grado en Ingeniería Química
Course given: 2016
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 2,48
Entity: Universidad Politécnica de Valencia
- 6** **Type of teaching:** Official teaching
Name of the course: Ampliación de Ciencia de Materiales
University degree: Grado en Ingeniería Química
Course given: 2017
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 2,48
Entity: Universidad Politécnica de Valencia



- 7** **Type of teaching:** Official teaching
Name of the course: Ampliación de Ciencia de Materiales
University degree: Grado en Ingeniería Química; Grado en Ingeniería Química
Course given: 2018
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 1,73
Entity: Universidad Politécnica de Valencia
- 8** **Type of teaching:** Official teaching
Name of the course: Ampliación de Ciencia de Materiales
University degree: Grado en Ingeniería en Tecnologías Industriales; Grado en Ingeniería Química
Course given: 2019
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 2,25
Entity: Universidad Politécnica de Valencia
- 9** **Type of teaching:** Official teaching
Name of the course: CHARACTERIZATION OF MATERIALS
University degree: Máster Universitario Internacional Erasmus Mundus en Materiales y Sistemas Sensores para Tecnologías Medioambientales
Course given: 2008
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 1,5
Entity: Universidad Politécnica de Valencia
- 10** **Type of teaching:** Official teaching
Name of the course: CHARACTERIZATION OF MATERIALS
University degree: Máster Universitario Internacional Erasmus Mundus en Materiales y Sistemas Sensores para Tecnologías Medioambientales; PROGRAMA DE DOCTORADO EN MATERIALES Y SISTEMAS SENSORES EN APLICACIONES TECNOLÓGICAS
Course given: 2009
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 1,5
Entity: Universidad Politécnica de Valencia
- 11** **Type of teaching:** Official teaching
Name of the course: CHARACTERIZATION OF MATERIALS
University degree: Máster Universitario Internacional Erasmus Mundus en Materiales y Sistemas Sensores para Tecnologías Medioambientales; PROGRAMA DE DOCTORADO EN DISEÑO, FABRICACIÓN Y GESTIÓN DE PROYECTOS INDUSTRIALES
Course given: 2010
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 1,5
Entity: Universidad Politécnica de Valencia
- 12** **Type of teaching:** Official teaching
Name of the course: CHEMICAL BASIS FOR CHEMICAL SENSING
University degree: Máster Universitario Internacional Erasmus Mundus en Materiales y Sistemas Sensores para Tecnologías Medioambientales
Course given: 2008



Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 2

Entity: Universidad Politécnica de Valencia

13 Type of teaching: Official teaching

Name of the course: CHEMICAL BASIS FOR CHEMICAL SENSING

University degree: Máster Universitario Internacional Erasmus Mundus en Materiales y Sistemas Sensores para Tecnologías Medioambientales; PROGRAMA DE DOCTORADO EN MATERIALES Y SISTEMAS SENSORES EN APLICACIONES TECNOLÓGICAS

Course given: 2009

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 2

Entity: Universidad Politécnica de Valencia

14 Type of teaching: Official teaching

Name of the course: CHEMICAL BASIS FOR CHEMICAL SENSING

University degree: PROGRAMA DE DOCTORADO EN DISEÑO, FABRICACIÓN Y GESTIÓN DE PROYECTOS INDUSTRIALES

Course given: 2010

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 2

Entity: Universidad Politécnica de Valencia

15 Type of teaching: Official teaching

Name of the course: DETERMINACIÓN DE ESTRUCTURAS ORGÁNICAS

Course given: 2000

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 3,5

Entity: Universidad Politécnica de Valencia

16 Type of teaching: Official teaching

Name of the course: DIFRACCION DE RAYOS-X. RESOLUCION ESTRUCTURAL POR METODOS DE DIFRACCION.

Course given: 2000

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 3

Entity: Universidad Politécnica de Valencia

17 Type of teaching: Official teaching

Name of the course: DIFRACCION DE RAYOS-X. RESOLUCION ESTRUCTURAL POR METODOS DE DIFRACCION.

Course given: 2002

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 2

Entity: Universidad Politécnica de Valencia

18 Type of teaching: Official teaching

Name of the course: DIFRACCION DE RAYOS-X. RESOLUCION ESTRUCTURAL POR METODOS DE DIFRACCION.

Course given: 2004

Type of hours/ ECTS credits: Credits



Hours/ECTS credits: 2

Entity: Universidad Politécnica de Valencia

19 Type of teaching: Official teaching

Name of the course: DIFRACCION DE RAYOS-X. RESOLUCION ESTRUCTURAL POR METODOS DE DIFRACCION.

Course given: 2005

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 2

Entity: Universidad Politécnica de Valencia

20 Type of teaching: Official teaching

Name of the course: DIFRACCION DE RAYOS-X. RESOLUCION ESTRUCTURAL POR METODOS DE DIFRACCION.

University degree: QUÍMICA; QUIMICA ORGANICA EN LA INDUSTRIA QUIMICO-FARMACEUTICA

Course given: 2006

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 2

Entity: Universidad Politécnica de Valencia

21 Type of teaching: Official teaching

Name of the course: DIFRACCION DE RAYOS-X. RESOLUCION ESTRUCTURAL POR METODOS DE DIFRACCION.

University degree: QUÍMICA

Course given: 2007

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 2

Entity: Universidad Politécnica de Valencia

22 Type of teaching: Official teaching

Name of the course: ELECTROCHEMICAL AND OPTICAL SENSORS

University degree: PROGRAMA DE DOCTORADO EN MATERIALES Y SISTEMAS SENSOIRES EN APLICACIONES TECNOLÓGICAS

Course given: 2009

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 1,5

Entity: Universidad Politécnica de Valencia

23 Type of teaching: Official teaching

Name of the course: ESTRUCTURA DE LOS MATERIALES

Course given: 1999

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 11,25

Entity: Universidad Politécnica de Valencia

24 Type of teaching: Official teaching

Name of the course: ESTRUCTURA DE LOS MATERIALES

Course given: 2000

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 6,5

Entity: Universidad Politécnica de Valencia



- 25** **Type of teaching:** Official teaching
Name of the course: ESTRUCTURA DE LOS MATERIALES
Course given: 2001
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 11,25
Entity: Universidad Politécnica de Valencia
- 26** **Type of teaching:** Official teaching
Name of the course: ESTRUCTURA DE LOS MATERIALES
Course given: 2002
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 11,25
Entity: Universidad Politécnica de Valencia
- 27** **Type of teaching:** Official teaching
Name of the course: ESTRUCTURA DE LOS MATERIALES
Course given: 2003
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 3,75
Entity: Universidad Politécnica de Valencia
- 28** **Type of teaching:** Official teaching
Name of the course: ESTRUCTURA DE LOS MATERIALES
Course given: 2003
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 4,8
Entity: Universidad Politécnica de Valencia
- 29** **Type of teaching:** Official teaching
Name of the course: ESTRUCTURA DE LOS MATERIALES
Course given: 2004
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 3,75
Entity: Universidad Politécnica de Valencia
- 30** **Type of teaching:** Official teaching
Name of the course: ESTRUCTURA DE LOS MATERIALES
Course given: 2004
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 5,75
Entity: Universidad Politécnica de Valencia
- 31** **Type of teaching:** Official teaching
Name of the course: ESTRUCTURA DE LOS MATERIALES
University degree: I. Materiales (2º ciclo)
Course given: 2005
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 3,75
Entity: Universidad Politécnica de Valencia



- 32** **Type of teaching:** Official teaching
Name of the course: ESTRUCTURA DE LOS MATERIALES
University degree: Ingeniería de Materiales
Course given: 2005
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 4,8
Entity: Universidad Politécnica de Valencia
- 33** **Type of teaching:** Official teaching
Name of the course: ESTRUCTURA DE LOS MATERIALES
University degree: I. Materiales (2º ciclo)
Course given: 2006
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 3,75
Entity: Universidad Politécnica de Valencia
- 34** **Type of teaching:** Official teaching
Name of the course: ESTRUCTURA DE LOS MATERIALES
University degree: Ingeniería de Materiales
Course given: 2006
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 4,8
Entity: Universidad Politécnica de Valencia
- 35** **Type of teaching:** Official teaching
Name of the course: ESTRUCTURA DE LOS MATERIALES
University degree: I. Materiales (2º ciclo); I. Químico
Course given: 2007
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 4,25
Entity: Universidad Politécnica de Valencia
- 36** **Type of teaching:** Official teaching
Name of the course: ESTRUCTURA DE LOS MATERIALES
University degree: Ingeniería de Materiales
Course given: 2007
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 5,5
Entity: Universidad Politécnica de Valencia
- 37** **Type of teaching:** Official teaching
Name of the course: ESTRUCTURA DE LOS MATERIALES
University degree: I. Industrial; I. Materiales (2º ciclo); I. Químico
Course given: 2008
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 3,75
Entity: Universidad Politécnica de Valencia
- 38** **Type of teaching:** Official teaching
Name of the course: ESTRUCTURA DE LOS MATERIALES
University degree: Ingeniería de Materiales



Course given: 2008

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 5,75

Entity: Universidad Politécnica de Valencia

39 **Type of teaching:** Official teaching
Name of the course: ESTRUCTURA DE LOS MATERIALES
University degree: I. Materiales (2º ciclo); I. Químico
Course given: 2009
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 3,75
Entity: Universidad Politécnica de Valencia

40 **Type of teaching:** Official teaching
Name of the course: ESTRUCTURA DE LOS MATERIALES
University degree: I. Materiales (2º ciclo)
Course given: 2010
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 3,75
Entity: Universidad Politécnica de Valencia

41 **Type of teaching:** Official teaching
Name of the course: ESTRUCTURA DE LOS MATERIALES
University degree: I. Materiales (2º ciclo)
Course given: 2011
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 3,75
Entity: Universidad Politécnica de Valencia

42 **Type of teaching:** Official teaching
Name of the course: ESTRUCTURA DE LOS MATERIALES
University degree: I. Materiales (2º ciclo)
Course given: 2012
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 1,8
Entity: Universidad Politécnica de Valencia

43 **Type of teaching:** Official teaching
Name of the course: ESTRUCTURA DE LOS MATERIALES I
University degree: Arquitecto Técnico
Course given: 2009
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 2,9
Entity: Universidad Politécnica de Valencia

44 **Type of teaching:** Official teaching
Name of the course: Experimentación en análisis químico
University degree: Grado en Ingeniería Química
Course given: 2019
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 0,2



Entity: Universidad Politécnica de Valencia

- 45** **Type of teaching:** Official teaching
Name of the course: FUNDAMENTOS QUÍMICOS DE LA INGENIERÍA
Course given: 1998
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 1,26
Entity: Universidad Politécnica de Valencia
- 46** **Type of teaching:** Official teaching
Name of the course: FUNDAMENTOS QUÍMICOS DE LA INGENIERÍA
Course given: 2005
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 1,8
Entity: Universidad Politécnica de Valencia
- 47** **Type of teaching:** Official teaching
Name of the course: Materiales nanoestructurados y Nanotecnología
University degree: Máster Universitario en Ingeniería Química
Course given: 2015
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 3,15
Entity: Universidad Politécnica de Valencia
- 48** **Type of teaching:** Official teaching
Name of the course: Materiales nanoestructurados y Nanotecnología
University degree: Máster Universitario en Ingeniería Química
Course given: 2016
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 3,15
Entity: Universidad Politécnica de Valencia
- 49** **Type of teaching:** Official teaching
Name of the course: Materiales nanoestructurados y Nanotecnología
University degree: Máster Universitario en Ingeniería Industrial; Máster Universitario en Ingeniería Química
Course given: 2017
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 1,7
Entity: Universidad Politécnica de Valencia
- 50** **Type of teaching:** Official teaching
Name of the course: Materiales nanoestructurados y Nanotecnología
University degree: Grado en Ingeniería Química; Máster Universitario en Ingeniería Química
Course given: 2018
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 1,7
Entity: Universidad Politécnica de Valencia
- 51** **Type of teaching:** Official teaching
Name of the course: Materiales nanoestructurados y Nanotecnología
University degree: Grado en Ingeniería Biomédica; Máster Universitario en Ingeniería Química



Course given: 2019

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 0,95

Entity: Universidad Politécnica de Valencia

52 Type of teaching: Official teaching

Name of the course: Nanodiagnostics and nanotherapy

University degree: Máster Universitario en Ingeniería Biomédica

Course given: 2016

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 2,25

Entity: Universidad Politécnica de Valencia

53 Type of teaching: Official teaching

Name of the course: Nanodiagnostics and nanotherapy

University degree: Máster Universitario en Ingeniería Biomédica; Máster Universitario en Ingeniería Química

Course given: 2017

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 1

Entity: Universidad Politécnica de Valencia

54 Type of teaching: Official teaching

Name of the course: Nanodiagnostics and nanotherapy

University degree: Máster Universitario en Ingeniería Biomédica; Máster Universitario en Ingeniería Industrial

Course given: 2018

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 1

Entity: Universidad Politécnica de Valencia

55 Type of teaching: Official teaching

Name of the course: Nanodiagnostics and nanotherapy

University degree: Máster Universitario en Ingeniería Biomédica

Course given: 2019

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 1,25

Entity: Universidad Politécnica de Valencia

56 Type of teaching: Official teaching

Name of the course: Procedimientos Tecnológicos y de Caracterización de Materiales en Restauración de Edificios

University degree: Grado en Arquitectura Técnica

Course given: 2010

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 2,2

Entity: Universidad Politécnica de Valencia

57 Type of teaching: Official teaching

Name of the course: Procedimientos Tecnológicos y de Caracterización de Materiales en Restauración de Edificios

University degree: Arquitecto Técnico; Grado en Arquitectura Técnica

Course given: 2011



Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 2,2

Entity: Universidad Politécnica de Valencia

58 Type of teaching: Official teaching

Name of the course: Procedimientos Tecnológicos y de Caracterización de Materiales en Restauración de Edificios

University degree: Grado en Arquitectura Técnica

Course given: 2012

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 2,2

Entity: Universidad Politécnica de Valencia

59 Type of teaching: Official teaching

Name of the course: Proyecto integrado

University degree: Máster Universitario en Sensores para Aplicaciones Industriales

Course given: 2011

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 1

Entity: Universidad Politécnica de Valencia

60 Type of teaching: Official teaching

Name of the course: Proyecto integrado

University degree: Máster Universitario en Sensores para Aplicaciones Industriales

Course given: 2012

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 0,75

Entity: Universidad Politécnica de Valencia

61 Type of teaching: Official teaching

Name of the course: Proyecto integrado

University degree: Máster Universitario en Sensores para Aplicaciones Industriales

Course given: 2013

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 0,75

Entity: Universidad Politécnica de Valencia

62 Type of teaching: Official teaching

Name of the course: Proyecto integrado

University degree: Máster Universitario en Sensores para Aplicaciones Industriales

Course given: 2014

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 0,75

Entity: Universidad Politécnica de Valencia

63 Type of teaching: Official teaching

Name of the course: Prácticas Externas

University degree: Grado en Arquitectura Técnica

Course given: 2011

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 0,22



Entity: Universidad Politécnica de Valencia

64 **Type of teaching:** Official teaching
Name of the course: Prácticas Externas
University degree: Grado en Arquitectura Técnica
Course given: 2012
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 0,44
Entity: Universidad Politécnica de Valencia

65 **Type of teaching:** Official teaching
Name of the course: QUÍMICA
Course given: 1998
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 12,82
Entity: Universidad Politécnica de Valencia

66 **Type of teaching:** Official teaching
Name of the course: QUÍMICA
Course given: 1999
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 6,2
Entity: Universidad Politécnica de Valencia

67 **Type of teaching:** Official teaching
Name of the course: QUÍMICA
Course given: 2000
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 4,8
Entity: Universidad Politécnica de Valencia

68 **Type of teaching:** Official teaching
Name of the course: QUÍMICA
Course given: 2001
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 4,8
Entity: Universidad Politécnica de Valencia

69 **Type of teaching:** Official teaching
Name of the course: QUÍMICA
Course given: 2002
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 4,8
Entity: Universidad Politécnica de Valencia

70 **Type of teaching:** Official teaching
Name of the course: QUÍMICA
Course given: 2003
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 7,1
Entity: Universidad Politécnica de Valencia



- 71** **Type of teaching:** Official teaching
Name of the course: QUÍMICA
Course given: 2004
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 7,1
Entity: Universidad Politécnica de Valencia
- 72** **Type of teaching:** Official teaching
Name of the course: QUÍMICA
Course given: 2005
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 0,6
Entity: Universidad Politécnica de Valencia
- 73** **Type of teaching:** Official teaching
Name of the course: QUÍMICA
Course given: 2006
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 3,2
Entity: Universidad Politécnica de Valencia
- 74** **Type of teaching:** Official teaching
Name of the course: QUÍMICA
Course given: 2008
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 4
Entity: Universidad Politécnica de Valencia
- 75** **Type of teaching:** Official teaching
Name of the course: QUÍMICA
Course given: 2009
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 4
Entity: Universidad Politécnica de Valencia
- 76** **Type of teaching:** Official teaching
Name of the course: QUÍMICA
Course given: 2010
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 4
Entity: Universidad Politécnica de Valencia
- 77** **Type of teaching:** Official teaching
Name of the course: QUÍMICA FÍSICA
Course given: 2007
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 1,4
Entity: Universidad Politécnica de Valencia



- 78** **Type of teaching:** Official teaching
Name of the course: QUÍMICA TECNOLÓGICA
Course given: 1998
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 3,5
Entity: Universidad Politécnica de Valencia
- 79** **Type of teaching:** Official teaching
Name of the course: Química
University degree: Grado en Ingeniería Electrónica Industrial y Automática; I. Caminos, Canales y Puertos
Course given: 2010
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 8
Entity: Universidad Politécnica de Valencia
- 80** **Type of teaching:** Official teaching
Name of the course: Química
University degree: Grado en Ingeniería Electrónica Industrial y Automática
Course given: 2011
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 5,28
Entity: Universidad Politécnica de Valencia
- 81** **Type of teaching:** Official teaching
Name of the course: Química
Course given: 2012
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 5,28
Entity: Universidad Politécnica de Valencia
- 82** **Type of teaching:** Official teaching
Name of the course: Química
Course given: 2013
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 5,28
Entity: Universidad Politécnica de Valencia
- 83** **Type of teaching:** Official teaching
Name of the course: Química
Course given: 2014
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 6,48
Entity: Universidad Politécnica de Valencia
- 84** **Type of teaching:** Official teaching
Name of the course: Química
University degree: Grado en Ingeniería Electrónica Industrial y Automática; Grado en Ingeniería en Diseño Industrial y Desarrollo de Productos; Máster Universitario en Ingeniería Aeronáutica; Máster Universitario en Ing
Course given: 2015
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 5,28



Entity: Universidad Politécnica de Valencia

85 Type of teaching: Official teaching

Name of the course: Química para sensores

University degree: Máster Universitario en Sensores para Aplicaciones Industriales

Course given: 2011

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 3

Entity: Universidad Politécnica de Valencia

86 Type of teaching: Official teaching

Name of the course: Sensores electroquímicos y ópticos

University degree: Máster Universitario en Sensores para Aplicaciones Industriales

Course given: 2011

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 2,25

Entity: Universidad Politécnica de Valencia

87 Type of teaching: Official teaching

Name of the course: Sensores electroquímicos y ópticos

University degree: Máster Universitario en Sensores para Aplicaciones Industriales

Course given: 2012

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 2,25

Entity: Universidad Politécnica de Valencia

88 Type of teaching: Official teaching

Name of the course: Sensores electroquímicos y ópticos

University degree: Máster Universitario en Sensores para Aplicaciones Industriales

Course given: 2013

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 2,25

Entity: Universidad Politécnica de Valencia

89 Type of teaching: Official teaching

Name of the course: Sensores electroquímicos y ópticos

University degree: Máster Universitario en Sensores para Aplicaciones Industriales

Course given: 2014

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 2,25

Entity: Universidad Politécnica de Valencia

90 Type of teaching: Official teaching

Name of the course: Sensores electroquímicos y ópticos

University degree: Máster Universitario en Sensores para Aplicaciones Industriales

Course given: 2015

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 0,2

Entity: Universidad Politécnica de Valencia



- 91** **Type of teaching:** Official teaching
Name of the course: Sensores electroquímicos y ópticos
University degree: Máster Universitario en Sensores para Aplicaciones Industriales
Course given: 2016
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 0,25
Entity: Universidad Politécnica de Valencia
- 92** **Type of teaching:** Official teaching
Name of the course: TÉCNICAS DE ANÁLISIS ORGÁNICO ESTRUCTURAL
Course given: 1998
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 3
Entity: Universidad Politécnica de Valencia
- 93** **Type of teaching:** Official teaching
Name of the course: TÉCNICAS INSTRUMENTALES AVANZADAS
University degree: Licenciado en Biotecnología
Course given: 2008
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 0,9
Entity: Universidad Politécnica de Valencia
- 94** **Type of teaching:** Official teaching
Name of the course: TÉCNICAS INSTRUMENTALES AVANZADAS
University degree: Licenciado en Biotecnología
Course given: 2009
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 1,65
Entity: Universidad Politécnica de Valencia
- 95** **Type of teaching:** Official teaching
Name of the course: TÉCNICAS INSTRUMENTALES AVANZADAS
University degree: Licenciado en Biotecnología
Course given: 2010
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 1,9
Entity: Universidad Politécnica de Valencia
- 96** **Type of teaching:** Official teaching
Name of the course: TÉCNICAS INSTRUMENTALES AVANZADAS
University degree: Licenciado en Biotecnología
Course given: 2011
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 1,9
Entity: Universidad Politécnica de Valencia
- 97** **Type of teaching:** Official teaching
Name of the course: TÉCNICAS INSTRUMENTALES AVANZADAS
University degree: Licenciado en Biotecnología
Course given: 2012



Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 1,9

Entity: Universidad Politécnica de Valencia

98 Type of teaching: Official teaching

Name of the course: Técnicas de caracterización

University degree: Máster Universitario en Sensores para Aplicaciones Industriales

Course given: 2011

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 0,75

Entity: Universidad Politécnica de Valencia

99 Type of teaching: Official teaching

Name of the course: Técnicas de caracterización

University degree: Máster Universitario en Sensores para Aplicaciones Industriales

Course given: 2012

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 0,75

Entity: Universidad Politécnica de Valencia

100 Type of teaching: Official teaching

Name of the course: Técnicas de caracterización

University degree: Ingeniero Aeronáutico; Máster Universitario en Sensores para Aplicaciones Industriales

Course given: 2013

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 0,75

Entity: Universidad Politécnica de Valencia

101 Type of teaching: Official teaching

Name of the course: Técnicas de caracterización

University degree: Máster Universitario en Sensores para Aplicaciones Industriales

Course given: 2014

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 0,75

Entity: Universidad Politécnica de Valencia

102 Type of teaching: Official teaching

Name of the course: Técnicas de caracterización

University degree: Máster Universitario en Sensores para Aplicaciones Industriales

Course given: 2015

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 0,75

Entity: Universidad Politécnica de Valencia

103 Type of teaching: Official teaching

Name of the course: Técnicas de caracterización

University degree: Máster Universitario en Sensores para Aplicaciones Industriales

Course given: 2016

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 0,75

Entity: Universidad Politécnica de Valencia

Experience supervising doctoral thesis and/or final year projects

- 1** **Project title:** New nanostructured supports with signal amplification features for the detection of molecules and biomolecules of interest
Type of project: Doctoral thesis
Entity: Universitat Politècnica de València
Student: Pla Blasco, Luis
Obtained qualification: SOBRESALIENTE (cum laude)
Date of reading: 15/04/2021
Quality recognition: No
- 2** **Project title:** Neurotransmitters recognition based on gold nanoparticles and mesoporous silica nanoparticles for sensing and controlled release applications
Type of project: Doctoral thesis
Entity: Universitat Politècnica de València
Student: Godoy Reyes, Tania Mariel
Obtained qualification: SOBRESALIENTE (cum laude)
Date of reading: 05/11/2020
Quality recognition: No
- 3** **Project title:** Desarrollo de nuevos nanodispositivos terapéuticos aplicados al tratamiento de enfermedades relacionadas con procesos de senescencia
Type of project: Doctoral thesis
Entity: Universitat Politècnica de València
Student: Galiana Guillem, Irene
Obtained qualification: SOBRESALIENTE (cum laude)
Date of reading: 14/09/2020
Quality recognition: Yes
- 4** **Project title:** Evaluación in vitro de nuevos agentes fotosensibilizantes con aplicación en terapia fotodinámica para el tratamiento del melanoma humano
Type of project: End of course project
Entity: Universitat Politècnica de València
Student: , ESTELLES DIAZ, CARLOS
Obtained qualification: 9.5
Date of reading: 07/07/2020
- 5** **Project title:** Andamios de CaP funcionalizados con compuestos antimicrobianos para favorecer la reparación ósea in vivo.
Type of project: Minor thesis
Entity: Universitat Politècnica de València
Student: , MELITON BARBANCHO, SANDRA
Obtained qualification: 8.8
Date of reading: 17/06/2020
- 6** **Project title:** Novel approaches for the development of chromo fluorogenic chemosensors for detection of Cu(II) and biothiols
Type of project: Doctoral thesis
Entity: Universitat Politècnica de València



Student: Essam Elsayed Moham Okda, Hazem
Obtained qualification: SOBRESALIENTE (cum laude)
Date of reading: 10/02/2020
Quality recognition: No

7 Project title: Gated nanomaterials as delivery platform for the treatment of inflammatory disorders

Type of project: Doctoral thesis

Entity: Universitat Politècnica de València

Student: García Fernández, Alba

Date of reading: 08/11/2019

Quality recognition: Yes

8 Project title: Desarrollo de un modelo predictivo para la detección de cáncer de próstata en muestras de orina

Type of project: Minor thesis

Entity: Universitat Politècnica de València

Student: , IBAÑEZ HERGUETA, ALEJANDRO

Obtained qualification: 9.5

Date of reading: 27/09/2019

9 Project title: Development of a reproducible and optimized synthetic protocol for the preparation of monodisperse core-shell-type magnetic mesoporous silica nanoparticles

Type of project: Doctoral thesis

Entity: Universitat Politècnica de València

Student: Sánchez Cabezas, Santiago

Obtained qualification: SOBRESALIENTE

Date of reading: 23/09/2019

Quality recognition: No

10 Project title: Desarrollo de un carrier inorgánico basado en sílice amorfa activado por variación de pH mediante ensamblaje □layer-by-layer□ de polielectrolitos.

Type of project: End of course project

Entity: Universitat Politècnica de València

Student: , MANGAS ROCA, ANA

Obtained qualification: 10.0

Date of reading: 20/09/2019

11 Project title: Smart drug delivery systems designed to improve Inflammatory Bowel Disease therapy

Type of project: Doctoral thesis

Entity: Universitat Politècnica de València

Student: Hernández Teruel, Adrián

Obtained qualification: SOBRESALIENTE (cum laude)

Date of reading: 20/09/2019

Quality recognition: No

12 Project title: DESARROLLO Y SÍNTESIS DE MATERIALES HÍBRIDOS PARA LA LIBERACIÓN CONTROLADA DE MOLÉCULAS ANTIMICROBIANAS DE ORIGEN NATURAL

Type of project: Minor thesis

Entity: Universitat Politècnica de València

Student: , PEMARTIN GONZALEZ-ADALID, MARIA TERESA

Obtained qualification: 7.5

Date of reading: 24/07/2019



- 13** **Project title:** Enzyme-functionalized hybrid mesoporous nanodevices for sensing, controlled release and molecular communication.
Type of project: Doctoral thesis
Entity: Universitat Politècnica de València
Student: Llopis Lorente, Antoni
Obtained qualification: SOBRESALIENTE (cum laude)
Date of reading: 01/02/2019
Quality recognition: No
- 14** **Project title:** Desarrollo de nanodispositivos basados en nanoestrellas de oro y nanopartículas mesoporosas de sílice para la fotoliberación de fármacos empleando radiaciones del infrarrojo cercano con potenciales aplicaciones en la terapia del cáncer.
Type of project: Doctoral thesis
Entity: Universitat Politècnica de València
Student: Hernández Montoto, Andy
Obtained qualification: SOBRESALIENTE (cum laude)
Date of reading: 14/12/2018
Quality recognition: No
- 15** **Project title:** Diseño de sistemas de comunicación química nanopartícula-levadura empleando materiales con puertas moleculares
Type of project: Minor thesis
Entity: Universitat Politècnica de València
Student: , RINCON MARTINEZ, PAOLA
Obtained qualification: 10.0
Date of reading: 28/09/2018
- 16** **Project title:** DESIGN OF NEW NANOSTRUCTURES SYSTEMS WITH APPLICATIONS IN THE FIELD OF RECOGNITION AND DIAGNOSIS
Type of project: Doctoral thesis
Entity: Universitat Politècnica de València
Student: Ribes Momparler, Ángela
Obtained qualification: SOBRESALIENTE (cum laude)
Date of reading: 13/07/2018
Quality recognition: No
- 17** **Project title:** Molecular probes and ruthenium (II) and osmium(II) complexes for the chromofluorogenic sensing of charged species and carbon monoxide
Type of project: Doctoral thesis
Entity: Universitat Politècnica de València
Student: Marín Hernández, Cristina
Obtained qualification: SOBRESALIENTE (cum laude)
Date of reading: 15/12/2017
Quality recognition: No
- 18** **Project title:** Nanotechnology and supramolecular chemistry in controlled release and molecular recognition proceses for biomedical applications"
Type of project: Doctoral thesis
Entity: Universitat Politècnica de València
Student: De la Torre Paredes, Cristina



Obtained qualification: SOBRESALIENTE (cum laude)

Date of reading: 01/12/2017

Quality recognition: No

- 19 Project title:** ESTUDIO DEL RECUBRIMIENTO DE NANOPARTÍCULAS DE CARBURO DE SILICIO CON ÓXIDOS ALUMINIO E ITRIO PARA SU APLICACION EN REFUERZO DE PIEZAS DE TITANIO

Type of project: Minor thesis

Entity: Universitat Politècnica de València

Student: , NUEZ DIAZ, RAQUEL

Obtained qualification: 8.5

Date of reading: 29/09/2017

- 20 Project title:** Essential oil components encapsulated in mesoporous silica supports: a bioactive properties evaluation and toxicological approach

Type of project: Doctoral thesis

Entity: Universitat Politècnica de València

Student: Acosta Romero, Carolina

Obtained qualification: SOBRESALIENTE (cum laude)

Date of reading: 29/09/2017

Quality recognition: Yes

- 21 Project title:** Desarrollo de un sensor químico basado en nanopartículas de oro para la detección colorimétrica de serotonina

Type of project: Minor thesis

Entity: Universitat Politècnica de València

Student: , GODOY REYES, TANIA MARIEL

Obtained qualification: 9.9

Date of reading: 28/03/2017

- 22 Project title:** Hybrid silica materials for detection of toxic species and clinical diagnosis

Type of project: Doctoral thesis

Entity: Universitat Politècnica de València

Student: Pascual Vidal, Lluís

Obtained qualification: SOBRESALIENTE (cum laude)

Date of reading: 24/03/2017

Quality recognition: No

- 23 Project title:** Design of novel bio-gated nanomaterials for sensing and therapeutic applications

Type of project: Doctoral thesis

Entity: Universitat Politècnica de València

Student: Oroval Cucarella, María del Mar

Obtained qualification: SOBRESALIENTE (cum laude)

Date of reading: 16/02/2017

Quality recognition: No

- 24 Project title:** Sensor cromo-fluorógeno selectivo para la detección de Cu²⁺ en solución acuosa

Type of project: Minor thesis

Entity: Universitat Politècnica de València

Student: , ESSAM ELSAYED MOHAMED OKDA, HAZEM

Obtained qualification: 9.0

Date of reading: 03/02/2017



- 25** **Project title:** Desarrollo de nano fibras materiales realizadas mediante electrohilado coaxial cargadas con iones bioactivos para aplicaciones en regeneración del tejido muscular
Type of project: Minor thesis
Entity: Universitat Politècnica de València
Student: , MARTINEZ GOMEZ-ALDARAVI, ADRIAN
Obtained qualification: 9.3
Date of reading: 26/07/2016
- 26** **Project title:** Desarrollo de nanopartículas mesoporosas de sílice para el tratamiento de cancer de mama.
Type of project: Minor thesis
Entity: Universitat Politècnica de València
Student: , GARRIDO CANO, IRIS
Obtained qualification: 10.0
Date of reading: 22/07/2016
- 27** **Project title:** Diseño de una planta piloto de reacciones sol-gel para la obtención de nanopartículas
Type of project: End of course project
Entity: Universitat Politècnica de València
Student: , SIMO BAS, JAVIER JORGE
Obtained qualification: 9.5
Date of reading: 12/07/2016
- 28** **Project title:** Análisis Multiplataforma en la detección de Cáncer de Próstata de acuerdo a la carga tumoral
Type of project: End of course project
Entity: Universitat Politècnica de València
Student: , PERIS MONTALT, VICTOR MANUEL
Obtained qualification: 8.5
Date of reading: 01/03/2016
- 29** **Project title:** Silica nanoparticles as inorganic scaffolds for the preparation of hybrid materials for the optical detection of anions
Type of project: Doctoral thesis
Entity: Universitat Politècnica de València
Student: Calero Rodríguez, María del Pilar
Obtained qualification: SOBRESALIENTE
Date of reading: 09/02/2016
Quality recognition: No
- 30** **Project title:** Design of new bio-gated nanodevices for advanced communication processes and targeted controlled release of therapeutic agents
Type of project: Doctoral thesis
Entity: Universitat Politècnica de València
Student: GIMÉNEZ MORALES, CRISTINA
Obtained qualification: SOBRESALIENTE (cum laude)
Date of reading: 02/02/2016
Quality recognition: No
- 31** **Project title:** Hybrid inorganic-organic materials for the optical recognition of neutral and anionic species
Type of project: Doctoral thesis
Entity: Universitat Politècnica de València



Student: COMES NAVARRO, MARÍA
Obtained qualification: SOBRESALIENTE (cum laude)
Date of reading: 25/01/2016
Quality recognition: No

- 32** **Project title:** ENCAPSULATION OF FOLIC ACID IN MESOPOROUS SILICA SUPPORTS: A NUTRITIONAL AND TECHNOLOGICAL APPROACH
Type of project: Doctoral thesis
Entity: Universitat Politècnica de València
Student: Pérez Esteve, Edgar
Obtained qualification: SOBRESALIENTE (cum laude)
Date of reading: 19/11/2015
Quality recognition: Yes
- 33** **Project title:** DESARROLLO DE NANODISPOSITIVOS TERAPÉUTICOS APLICADOS A ENFERMEDADES RELACIONADAS CON PROCESOS DE SENESCENCIA
Type of project: Minor thesis
Entity: Universitat Politècnica de València
Student: , GALIANA GUILLEM, IRENE
Obtained qualification: 10.0
Date of reading: 23/09/2015
- 34** **Project title:** Desarrollo de una estrategia de comunicación entre nanodispositivos aplicada al tratamiento del cáncer de mama
Type of project: End of course project
Entity: Universitat Politècnica de València
Student: , NUEZ DIAZ, RAQUEL
Obtained qualification: 9.0
Date of reading: 17/07/2015
- 35** **Project title:** Supramolecular Chemistry: New chemodosimeters and hybrid materials for the chromo-fluorogenic detection of anions and neutral molecules
Type of project: Doctoral thesis
Entity: Universitat Politècnica de València
Student: El Sayed Shehata Nasr, Sameh
Obtained qualification: SOBRESALIENTE (cum laude)
Date of reading: 16/06/2015
Quality recognition: No
- 36** **Project title:** SÍNTESIS Y CARACTERIZACIÓN DE UN NUEVO SENSOR MOLECULAR PARA EL RECONOCIMIENTO DE METALES TRIVALENTES.
Type of project: Minor thesis
Entity: Universitat Politècnica de València
Student: , LLOPIS LORENTE, ANTONI
Obtained qualification: 9.9
Date of reading: 07/05/2015
- 37** **Project title:** Design and synthesis of optical sensors for the detection of molecules with biological activity
Type of project: Doctoral thesis
Entity: UNIVERSIDAD DE VALENCIA
Student: Gotor Candel, Raúl



Obtained qualification: Sobresaliente Cum Laude

Date of reading: 30/01/2015

- 38 Project title:** Design of new hybrid nanomaterials with molecular gates as nanodevices for therapeutic applications.

Type of project: Doctoral thesis

Entity: Universitat Politècnica de València

Student: Mas Font, Nuria

Obtained qualification: SOBRESALIENTE (cum laude)

Date of reading: 19/12/2014

Quality recognition: No

- 39 Project title:** Transition metal complexes for chromo-fluorogenic detection of carbon monoxide in environmental and biomedical applications.

Type of project: Doctoral thesis

Entity: Universitat Politècnica de València

Student: Moragues Pons, María Esperanza

Obtained qualification: SOBRESALIENTE (cum laude)

Date of reading: 21/11/2014

Quality recognition: No

- 40 Project title:** New approaches for the development of chromo-fluorogenic sensors for chemical species of biological, industrial and environmental interest

Type of project: Doctoral thesis

Entity: Universitat Politècnica de València

Student: Santos Figueroa, Luis Enrique

Obtained qualification: SOBRESALIENTE (cum laude)

Date of reading: 23/09/2014

Quality recognition: No

- 41 Project title:** Functional silica materials for controlled release, sensing and elimination of target molecules

Type of project: Doctoral thesis

Entity: Universitat Politècnica de València

Student: Candel Busquets, Inmaculada Concepció

Obtained qualification: SOBRESALIENTE (cum laude)

Date of reading: 11/07/2014

Quality recognition: Yes

- 42 Project title:** Sensores químicos cromogénicos y fluorogénicos para la detección de cationes y aniones

Type of project: Doctoral thesis

Entity: Universitat Politècnica de València

Student: ÁBALOS AGUADO, TATIANA

Obtained qualification: SOBRESALIENTE

Date of reading: 20/09/2013

Quality recognition: No

- 43 Project title:** FUNCTIONAL HYBRID MATERIALS FOR THE OPTICAL RECOGNITION OF NITROAROMATIC EXPLOSIVES INVOLVING SUPRAMOLECULAR INTERACTIONS

Type of project: Doctoral thesis

Entity: Universitat Politècnica de València

Student: Salinas Soler, Yolanda



Obtained qualification: SOBRESALIENTE (cum laude)

Date of reading: 26/07/2013

Quality recognition: Yes

44 Project title: SÍNTESIS Y EVALUACIÓN DE SENSORES CROMOGENICOS DE CIANURO Y HCN EN DISOLUCIÓN Y FASE GAS.

Type of project: Minor thesis

Entity: Universitat Politècnica de València

Student: , GOTOR CANDEL, RAUL

Obtained qualification: 9.9

Date of reading: 03/07/2013

45 Project title: Supramolecular and heterosupramolecular chemistry in controlled release and molecular recognition processes

Type of project: Doctoral thesis

Entity: Universitat Politècnica de València

Student: Agostini, Alessandro

Obtained qualification: APTO (cum laude)

Date of reading: 17/05/2013

Quality recognition: No

46 Project title: Design of new hybrid materials: Study of its application in new detection formats and in controlled release applications

Type of project: Doctoral thesis

Entity: Universitat Politècnica de València

Student: CLIMENT TEROL, ESTELA

Obtained qualification: APTO (cum laude)

Date of reading: 23/11/2012

Quality recognition: No

47 Project title: NEW CHEMODOSIMETER FOR FLUORIDE ANION DETECTION

Type of project: Minor thesis

Entity: Universitat Politècnica de València

Student: , ELSAYED SHEHATA NASR, SAMEH

Obtained qualification: 9.5

Date of reading: 27/09/2012

48 Project title: A PHOTOACTIVATED MOLECULAR GATE

Type of project: Minor thesis

Entity: Universitat Politècnica de València

Student: , AGOSTINI, ALESSANDRO

Obtained qualification: 9.9

Date of reading: 24/07/2012

49 Project title: DISEÑO Y SÍNTESIS DE UN NUEVO MATERIAL HÍBRIDO ORGÁNICO-INORGÁNICO PARA LA DETECCIÓN DE TROMBINA

Type of project: Minor thesis

Entity: Universitat Politècnica de València

Student: , OROVAL CUCARELLA, MARIA DEL MAR

Obtained qualification: 9.9

Date of reading: 24/07/2012



- 50** **Project title:** SENSITIVE AND SELECTIVE CHROMOGENIC SENSING OF CO VIA REVERSIBLE AXIAL CO COORDINATION IN BINUCLEAR RHODIUM COMPLEXES
Type of project: Minor thesis
Entity: Universitat Politècnica de València
Student: , MORAGUES PONS, MARIA ESPERANZA
Obtained qualification: 9.9
Date of reading: 24/07/2012
- 51** **Project title:** Sensores cromo-fluorogénicos para compuestos potencialmente peligrosos.
Type of project: Doctoral thesis
Entity: Universitat Politècnica de València
Student: Royo Calvo, Santiago
Obtained qualification: SOBRESALIENTE CUM LAUDE
Date of reading: 04/10/2011
Quality recognition: Yes
- 52** **Project title:** ESTUDIO DE LA PREPARACIÓN Y EVALUACIÓN DE RECEPTORES CROMOGENICOS A PARTIR DE LOS DERIVADOS DE TIOSEMICARBAZONAS PARA SER EMPLEADOS COMO SENSORES ANIONES
Type of project: Minor thesis
Entity: Universitat Politècnica de València
Student: , SANTOS FIGUEROA, LUIS ENRIQUE
Obtained qualification: 9.0
Date of reading: 26/09/2011
- 53** **Project title:** Desarrollo y síntesis de materiales híbridos, para la liberación controlada de moléculas bioactivas
Type of project: Doctoral thesis
Entity: Universitat Politècnica de València
Student: Bernardos Bau, Andrea
Obtained qualification: SOBRESALIENTE (cum laude)
Date of reading: 24/06/2011
Quality recognition: No
- 54** **Project title:** Diseño de materiales nanoestructurados basados en el reconocimiento molecular para el control de transporte de masa
Type of project: Doctoral thesis
Entity: Universitat Politècnica de València
Student: Aznar Gimeno, Elena
Obtained qualification: SOBRESALIENTE (cum laude)
Date of reading: 06/05/2011
Quality recognition: No
- 55** **Project title:** Superficies químicamente modificadas para la detección colorimétrica y eliminación de aniones de interés medioambiental en aguas
Type of project: Doctoral thesis
Entity: Universitat Politècnica de València
Student: Coll Merino, María Carmen
Obtained qualification: SOBRESALIENTE (cum laude)
Date of reading: 15/10/2010
Quality recognition: No

- 56** **Project title:** MATERIALES HIBRIDOS PARA LA DETECCIÓN ÓPTICA DE EXPLOSIVOS NITROAROMATICOS
Type of project: Work leading to an ASD
Entity: Universitat Politècnica de València
Student: , SALINAS SOLER, YOLANDA
Date of reading: 15/09/2010
- 57** **Project title:** NANOPARTICULAS DE ORO PARA LA DETECCIÓN COLORIMÉTRICA DE SIMULANTES DE AGENTES NERVIOSOS
Type of project: Work leading to an ASD
Entity: Universitat Politècnica de València
Student: , CANDEL BUSQUETS, INMACULADA
Date of reading: 15/09/2010
- 58** **Project title:** Desarrollo de un sistema de medida basado en espectroscopía de impedancia para la determinación de parámetros fisicoquímicos en alimentos
Type of project: Doctoral thesis
Entity: Universitat Politècnica de València
Student: Masot Peris, Rafael
Obtained qualification: SOBRESALIENTE CUM LAUDE
Date of reading: 20/07/2010
Quality recognition: No
- 59** **Project title:** Diseño de puertas moleculares controladas a nivel nanoscópico.
Type of project: Doctoral thesis
Entity: Universitat Politècnica de València
Student: Casasús Lis, Rosa
Obtained qualification: SOBRESALIENTE (cum laude)
Date of reading: 02/10/2009
Quality recognition: No
- 60** **Project title:** NANOMATERIALES HIBRIDOS FLUORESCENTES PARA EL RECONOCIMIENTO DE ANIONES
Type of project: Work leading to an ASD
Entity: Universitat Politècnica de València
Student: , CALERO RODRIGUEZ, MARIA DEL PILAR
Date of reading: 21/07/2009
- 61** **Project title:** Diseño y caracterización de sensores químicos en estado sólido. Aplicación de modelos teóricos para el estudio de interferencias.
Type of project: Doctoral thesis
Entity: Universitat Politècnica de València
Student: Labrador Montero, Roberto Hanoi
Obtained qualification: SOBRESALIENTE (cum laude)
Date of reading: 31/03/2009
Quality recognition: No
- 62** **Project title:** LIBERACIÓN CONTROLADA DE LA VITAMINA B2 EN SÓLIDOS MESOPOROSOS FUNCIONALIZADOS CON POLIAMINAS A MODO DE "PUERTAS NANOSCÓPICAS MOLECULARES"
Type of project: Work leading to an ASD
Entity: Universitat Politècnica de València
Student: , BERNARDOS BAU, ANDREA



Date of reading: 26/01/2009

- 63** **Project title:** 2,4,6-TRIFENILPIRILIO COMO UNIDAD INDICADORA EN EL DESARROLLO DE NUEVOS SENSORES CORMAGÉNICOS PARA LA DETECCIÓN DE CATIONES METÁLICOS DE TRANSICIÓN Y ANIONES
Type of project: Work leading to an ASD
Entity: Universitat Politècnica de València
Student: , ABALOS AGUADO, TATIANA
Date of reading: 20/11/2008
- 64** **Project title:** DISEÑO DE NUEVOS MATERIALES HÍBRIDOS PARA EL RECONOCIMIENTO MOLECULAR DE ESPECIOS QUÍMICAS
Type of project: Work leading to an ASD
Entity: Universitat Politècnica de València
Student: , CLIMENT TEROL, ESTELA
Date of reading: 20/11/2008
- 65** **Project title:** SENSORES CROMO-FLUOROGÉNICOS PARA COMPUESTOS POTENCIALMENTE PELIGROSOS
Type of project: Work leading to an ASD
Entity: Universitat Politècnica de València
Student: , ROYO CALVO, SANTIAGO
Date of reading: 20/11/2008
- 66** **Project title:** MATERIALES HÍBRIDOS PARA EL DESARROLLO DE PUERTAS MOLECULARES NANOSCÓPICAS CON CONTROL QUÍMICO Y FOTOQUÍMICO
Type of project: Work leading to an ASD
Entity: Universitat Politècnica de València
Student: , AZNAR GIMENO, ELENA
Date of reading: 15/10/2007
- 67** **Project title:** Sensores químicos cromogénicos y fluorogénicos para la detección de iones y moléculas neutras
Type of project: Doctoral thesis
Entity: Universitat Politècnica de València
Student: García Acosta, Beatriz
Obtained qualification: SOBRESALIENTE CUM LAUDE
Date of reading: 05/10/2007
Quality recognition: No
- 68** **Project title:** DISEÑO Y CARACTERIZACIÓN DE SENSORES QUÍMICOS EN SUPERFICIES Y MEMBRANAS PARA LA DETERMINACIÓN DE ANIONES EN AGUA
Type of project: Work leading to an ASD
Entity: Universitat Politècnica de València
Student: , COLL MERINO, MARIA CARMEN
Date of reading: 03/10/2006
- 69** **Project title:** DISEÑO Y CARACTERIZACIÓN DE SENSORES EN SUPERFICIE SÓLIDA PARA SU APLICACIÓN EN ESTUDIOS MEDIOAMBIENTALES
Type of project: Work leading to an ASD
Entity: Universitat Politècnica de València
Student: , LABRADOR MONTERO, ROBERTO HANOI



Date of reading: 26/07/2006

- 70** **Project title:** SINTESIS DE NUEVOS COLORANTES Y SU USO EN PROCESOS DE RECONOCIMIENTO MOLECULAR.
Type of project: Work leading to an ASD
Entity: Universitat Politècnica de València
Student: , JIMENEZ HUERTA, JOSE DIEGO
Date of reading: 28/10/2005
- 71** **Project title:** Síntesis de reactivos cromo-fluorogénicos con banda de transferencia de carga. Estudio de reactividad y aplicación para el reconocimiento de especies químicas de interés medioambiental.
Type of project: Doctoral thesis
Entity: Universitat Politècnica de València
Student: Ros Lis, José Vicente
Obtained qualification: SOBRESALIENTE CUM LAUDE
Date of reading: 28/07/2005
Quality recognition: No
- 72** **Project title:** ESTUDIO Y DESARROLLO DE MATERIALES FUNCIONALIZADOS CON LÍQUIDOS IÓNICOS PARA LA DETECCIÓN COLORIMÉTRICA DE TENSOACTIVOS ANIÓNICOS EN AGUA.
Type of project: End of course project
Entity: Universitat Politècnica de València
Student: , MOLA ROMANO, SERGIO
Obtained qualification: 9.0
Date of reading: 26/07/2005
- 73** **Project title:** DESARROLLO DE MATERIALES HIBRIDOS COMO SENSORES QUIMICOS CROMOGÉNICOS Y FLUOROGÉNICOS
Type of project: Work leading to an ASD
Entity: Universitat Politècnica de València
Student: , COMES NAVARRO, MARIA
Date of reading: 20/07/2005
- 74** **Project title:** DESARROLLO DE NUEVAS ESTRATEGIAS EN EL DISEÑO DE SENSORES QUÍMICOS.
Type of project: Work leading to an ASD
Entity: Universitat Politècnica de València
Student: , CASASUS LIS, ROSA
Date of reading: 20/07/2005
- 75** **Project title:** SENSORES QUIMICOS CROMOGENICOS Y FLUOROGENICOS PARA LA DETECCIÓN DE ANIONES Y ESPECIES NEUTRAS DE INTERÉS MEDIOAMBIENTAL
Type of project: Work leading to an ASD
Entity: Universitat Politècnica de València
Student: , GARCIA ACOSTA, BEATRIZ
Date of reading: 20/07/2005
- 76** **Project title:** Síntesis y estudio de derivados de 3H-fenoxazin-3-ona y Aminometilantraceno en disolución y soportados sobre sólidos mesoporosos tipo MCM-41 para su aplicación como sensores moleculares ópticos.
Type of project: Doctoral thesis
Entity: Universitat Politècnica de València
Student: Descalzo López, Ana Belén



Obtained qualification: SOBRESALIENTE CUM LAUDE

Date of reading: 02/12/2004

Quality recognition: No

- 77** **Project title:** Síntesis de nuevos receptores para la preparación y caracterización de sensores potenciométricos de aniones en aguas.
Type of project: Doctoral thesis
Entity: Universitat Politècnica de València
Student: Seguí Roselló, María Jesús
Obtained qualification: SOBRESALIENTE CUM LAUDE
Date of reading: 28/09/2004
Quality recognition: No
- 78** **Project title:** NUEVOS SENSORES CROMOGENICOS DE ANIONES
Type of project: Work leading to an ASD
Entity: Universitat Politècnica de València
Student: , ALBIACH MARTI, XAVIER
Date of reading: 14/07/2004
- 79** **Project title:** Diseño de un sistema multisensor en tecnología Thick-film; fabricación, caracterización y estudio de su aplicabilidad a parámetros físico-químicos.
Type of project: Doctoral thesis
Entity: Universitat Politècnica de València
Student: García Breijo, Eduardo
Obtained qualification: SOBRESALIENTE CUM LAUDE
Date of reading: 04/06/2004
Quality recognition: No
- 80** **Project title:** CROMOIONOFOROS PARA DETERMINACION DE ANIONES.
Type of project: Work leading to an ASD
Entity: Universitat Politècnica de València
Student: , ROS LIS, JOSE VICENTE
Date of reading: 29/01/2004
- 81** **Project title:** MATERIALES SILICEOS DE ALTA SUPERFICIE PARA LA ELIMINACION DE METALES Y ANIONES TOXICOS DE SISTEMAS ACUOSOS.
Type of project: Work leading to an ASD
Entity: Universitat Politècnica de València
Student: , RODRIGUEZ LOPEZ, GERTRUDIS
Date of reading: 29/01/2004
- 82** **Project title:** CARACTERIZACION DE NUEVOS SENSORES POTENCIOMÉTRICOS PARA LA DETERMINACIÓN DE ANIONES DE INTERES MEDIOAMBIENTAL.
Type of project: Work leading to an ASD
Entity: Universitat Politècnica de València
Student: , SEGUI ROSELLO, MARIA JESUS
Date of reading: 28/10/2003
- 83** **Project title:** Software para la creación de diagramas de distribución de especies en sensores químicos
Type of project: End of course project
Entity: Universitat Politècnica de València



Student: , CALERO LAGUIA, SEBASTIAN

Obtained qualification: 10.0

Date of reading: 09/05/2003

84 Project title: Receptores funcionalizados con grupos fotoactivos para el reconocimiento molecular de aniones y cationes.

Type of project: Doctoral thesis

Entity: Universitat Politècnica de València

Student: Sancenón Galarza, Félix

Obtained qualification: SOBRESALIENTE CUM LAUDE

Date of reading: 29/01/2003

Quality recognition: No

85 Project title: ESTUDIO DEL COMPORTAMIENTO DE RECEPTORES CON GRUPOS FLUORESCENTES FRENTE A CATIONES O ANIONES PARA SU APLICACIÓN EN EL RECONOCIMIENTO DE DICHAS ESPECIES.

Type of project: End of course project

Entity: Universitat Politècnica de València

Student: , COLOMER SEBASTIAN, SILVIA

Obtained qualification: 9.0

Date of reading: 28/06/2002

86 Project title: DISEÑO Y APLICACIÓN DE ELECTRODOS DE MEMBRANA PARA LA DETERMINACIÓN DE NITRÓGENO AMONIAICAL

Type of project: End of course project

Entity: Universitat Politècnica de València

Student: , VALERO GOMEZ, ANA MARIA

Obtained qualification: 9.0

Date of reading: 30/11/2001

87 Project title: PREPARACIÓN DE NUEVOS ELECTRODOS DE MEMBRANA CON POLIAMINAS PARA LA DETECCIÓN DE ANIONES EN AGUAS

Type of project: End of course project

Entity: Universitat Politècnica de València

Student: , CASTELLS RODENAS, LORENA

Obtained qualification: 9.5

Date of reading: 25/09/2001

88 Project title: APLICACIÓN DE RECEPTORES CROMOGÉNICOS PARA LA DETERMINACIÓN DE ATP EN MEDIOS ACUOSOS

Type of project: End of course project

Entity: Universitat Politècnica de València

Student: , ALEPUZ LON, ALBERTO

Obtained qualification: 10.0

Date of reading: 27/07/2001

89 Project title: Comportamiento fotoquímico y electroquímico de receptores aplicados al reconocimiento de metales tóxicos y Aniones.

Type of project: Doctoral thesis

Entity: Universitat Politècnica de València

Student: Al Shihadeh, Youseff



Obtained qualification: SOBRESALIENTE CUM LAUDE

Date of reading: 01/06/2001

Quality recognition: No

90 Project title: APLICACIÓN DE RECEPTORES MACROCÍCLICOS PARA LA DETECCIÓN DE METALES TÓXICOS POR FLUORESCENCIA

Type of project: End of course project

Entity: Universitat Politècnica de València

Student: , PERIS SANCHIS, ENCARNACION

Obtained qualification: 9.0

Date of reading: 30/03/2001

91 Project title: DISEÑO, CALIBRADO Y ESTANDARIZACIÓN DE UN APARATO DE MEDIDA DE MATERIA ORGÁNICA DE AGUAS CONTAMINADAS EN CONTINUO.

Type of project: End of course project

Entity: Universitat Politècnica de València

Student: , MESEGUER BURGUERA, FATIMA

Obtained qualification: 9.0

Date of reading: 24/11/2000

92 Project title: Receptores funcionalizados con grupos electroactivos para reconocimiento molecular de aniones y cationes.

Type of project: Doctoral thesis

Entity: Universitat Politècnica de València

Student: Lloris Cormano, José Manuel

Obtained qualification: SOBRESALIENTE CUM LAUDE

Date of reading: 11/04/2000

Quality recognition: No

93 Project title: Comportamiento de Receptores conteniendo grupos electroactivos o fluorescentes frente a la coordinación de cationes o aniones.

Type of project: Doctoral thesis

Entity: Universitat Politècnica de València

Student: Padilla Tosta, Miguel Ezequiel

Obtained qualification: SOBRESALIENTE CUM LAUDE

Date of reading: 05/10/1999

Quality recognition: No

94 Project title: Desarrollo de optrodos para la determinación de metales pesados tóxicos en mediciones medioambientales.

Type of project: End of course project

Entity: Universitat Politècnica de València

Student: , POVEDA LUJAN, ROCIO

Obtained qualification: 9.5

Date of reading: 24/09/1999

95 Project title: Desarrollo de sensores ópticos para la determinación de aniones y cationes en aguas.

Type of project: End of course project

Entity: Universitat Politècnica de València

Student: , CARSI SALAVERT, M. ISABEL

Obtained qualification: 9.5



Date of reading: 24/09/1999

- 96** **Project title:** Nuevos materiales moleculares aplicados a la detección por fluorescencia de aniones y metales de interés medioambiental.
Type of project: End of course project
Entity: Universitat Politècnica de València
Student: , MUÑOZ MUÑOZ, ANA MARIA
Obtained qualification: 9.5
Date of reading: 24/09/1999
- 97** **Project title:** Nuevas moléculas conteniendo grupos fluorescentes aplicadas a la determinación óptica de metales pesados en agua.
Type of project: End of course project
Entity: Universitat Politècnica de València
Student: , CANOS PUERTO, MARIA AMPARO
Obtained qualification: 9.5
Date of reading: 23/07/1999
- 98** **Project title:** Preconcentración de Cationes metálicos en disoluciones acuosas por nuevas poliaminas macrocíclicas y derivados, y su posible recuperación por procesos....
Type of project: End of course project
Entity: Universitat Politècnica de València
Student: , GARCIA FLORES, RAUL
Obtained qualification: 9.5
Date of reading: 24/04/1998
- 99** **Project title:** Sensores electroactivos derivados del ferroceno. relación entre respuesta electroquímica y estructura molecular
Type of project: Doctoral thesis
Entity: UNIVERSITAT POLITECNICA DE VALENCIA
Student: BENITO BEORLEGUI, ANGEL FRANCISCO
Obtained qualification: Apto
Date of reading: 24/10/1997
- 100** **Project title:** SINTESIS Y CARACTERIZACION DE LIGANDOS CONTENIENDO GRUPOS FERROCENO Y SU ESTUDIOS ELECTROQUIMICO CON CATIONES Y ANIONES
Type of project: End of course project
Entity: Universitat Politècnica de València
Student: , GUILLEM GARIN, PABLO
Obtained qualification: 9.5
Date of reading: 16/10/1997
- 101** **Project title:** Compuestos derivados del ferroceno como receptores electroactivos de cationes.
Type of project: Doctoral thesis
Entity: Universitat Politècnica de València
Student: LOPEZ TENDERO, MARIA JOSE
Obtained qualification: APTO CUM LAUDE
Date of reading: 16/01/1997
Quality recognition: No



Student tutorials

- 1** **Name of the programme:** Research stay at the Research Center for Molecular Recognition and Technological Development (Alu:BOZIK, MATEJ)
Entity: Universitat Politècnica de València
Number of recognized hours/ECTS credits: 20
- 2** **Name of the programme:** Tutor Prácticas en Empresa
Number of tutored students: 1
- 3** **Name of the programme:** Tutor Prácticas en Empresa (Erasmus)
Number of tutored students: 1

Educational or pedagogical publications, books, articles, etc.

FAUSTO PEÑAFIEL VILLARREAL; Ramón Martínez Mañez. Síntesis de Zeolitas utilizando como materia prima lodos de los procesos de anodizado de aluminio, Tecnología en Marcha (Online). 32, 2019. ISSN 2215-3241. DOI: <https://doi.org/10.18845/tm.v32i3.4476>
Format: Article(s)

Participation in innovative teaching projects

- 1** **Project title:** Grupo de Innovación Docente (PACE)
- 2** **Project title:** Grupo de Innovación Docente UPV
- 3** **Project title:** Grupo de Innovación docente (PACE)
- 4** **Project title:** Participación en Proyectos de Innovación Docente (PACE)

Healthcare experience



Other activities/achievements not included above

Other relevant activities: Creación de la Unidad Mixta en Nanomedicina y sensores con el Instituto de Investigación Sanitaria La Fe

Entity where project took place: Universitat Politècnica de València-IISLaFe **Type of entity:** University

End date: 15/05/2015

Scientific and technological experience

Research and development groups/teams

Name of the group: Instituto Interuniversitario de Investigación de Reconocimiento Molecular y Desarrollo Tecnológico

Scientific or technological activities

R&D projects funded through competitive calls of public or private entities

- 1** **Name of the project:** Desarrollo y validación de un nanodispositivo para el tratamiento de infecciones endodónticas. (UPV-FISABIO-2020-B14)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 3

Funding entity or bodies:

UNIVERSIDAD POLITÉCNICA DE VALENCIA

Type of entity: Body, others

Start date: 01/01/2021

Duration: 1 year

Total amount: 1.500 €

- 2** **Name of the project:** El estudio metabolómico y el aislamiento de exosomas como fuente de biomarcadores y dianas terapéuticas en glioblastoma. (UPV-FISABIO-2020-A27)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 1

Funding entity or bodies:

UNIVERSIDAD POLITÉCNICA DE VALENCIA

Type of entity: Body, others

Start date: 01/01/2021

Duration: 1 year

Total amount: 500 €

- 3** **Name of the project:** DESARROLLO DE NUEVOS SISTEMAS DE DIAGNOSTICO DE COVID-19

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 3

Funding entity or bodies:

GENERALITAT VALENCIANA

Type of entity: Body, others

Start date: 13/11/2020

Duration: 1 year

Total amount: 190.158,08 €

4 Name of the project: AYUDA CONTRATO CIDEAGENT-MARTI CENTELLES (CIDEAGENT/2020/031)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 2

Funding entity or bodies:

GENERALITAT VALENCIANA

Type of entity: Body, others

Start date: 01/11/2020

Duration: 4 years

Total amount: 210.000,02 €

5 Name of the project: Desarrollo de un dispositivo para la detección rápida de SARS-CoV-2 (AP2020-28)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 2

Funding entity or bodies:

UNIVERSIDAD POLITECNICA DE VALENCIA

Type of entity: Body, others

Start date: 01/11/2020

Duration: 1 year

Total amount: 2.500 €

6 Name of the project: Desarrollo de un kit para la evaluación del riesgo de cardiotoxicidad asociada a tratamientos con antraciclinas mediante sistemas con puertas moleculares. (PI2020-04)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 4

Funding entity or bodies:

UNIVERSIDAD POLITECNICA DE VALENCIA

Type of entity: Body, others

Start date: 01/11/2020

Duration: 1 year

Total amount: 10.000 €

7 Name of the project: Metabolómica para el diagnóstico temprano de la enfermedad de Alzheimer mediante biomarcadores en plasma (AP2020-25)

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Paula Diez Sánchez

Nº of researchers: 3

Funding entity or bodies:

UNIVERSIDAD POLITECNICA DE VALENCIA

Type of entity: Body, others

Start date: 01/11/2020

Duration: 1 year

Total amount: 0 €

8 **Name of the project:** Validación de un inmunosensor basado en el empleo de materiales mesoporosos para la detección de IDH1-R132H en tejido cerebral y evaluación de su efectividad diagnóstica y predictiva (PI2020-06)

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Félix Sancenón Galarza

Nº of researchers: 3

Funding entity or bodies:

UNIVERSIDAD POLITÉCNICA DE VALENCIA

Type of entity: Body, others

Start date: 01/11/2020

Duration: 1 year

Total amount: 15.000 €

9 **Name of the project:** AYUDA PREDOCTORAL FPU-MARTINEZ LATORRE. PROYECTO: DESARROLLO DE NUEVOS NANOSISTEMAS PARA EL TRATAMIENTO DEL CÁNCER BASADOS EN EL SISTEMA INMUNE (FPU19/06219)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 2

Funding entity or bodies:

MINISTERIO DE UNIVERSIDADES E INVESTIGACION

Type of entity: Body, others

Start date: 31/10/2020

Duration: 4 years

Total amount: 89.882,65 €

10 **Name of the project:** IMMUNOLOGICAL INCOMPATIBILITY AS A BASIS FOR CANCER CURING AND VACCINATION (899708)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 1

Funding entity or bodies:

COMISION DE LAS COMUNIDADES EUROPEA

Type of entity: Body, others

Start date: 01/10/2020

Duration: 3 years

Total amount: 221.424,98 €

11 **Name of the project:** AYUDA POSTDOCTORAL GVA-DIEZ SANCHEZ. PROYECTO: MODELOS DE COMUNICACION ENTRE NANOMOTORES JANUS AUTOPROPULSADOS (APOSTD/2020/153)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 2

Funding entity or bodies:

GENERALITAT VALENCIANA

Type of entity: Body, others

Start date: 01/09/2020

Duration: 2 years

Total amount: 92.970 €

12 **Name of the project:** Desarrollo de nanosistemas terapéuticos basados en estigmergia e inmunoterapia. (PAID-01-19-14)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 2

Funding entity or bodies:

UNIVERSIDAD POLITECNICA DE VALENCIA

Type of entity: Body, others

Start date: 01/03/2020

Duration: 4 years

Total amount: 0 €

13 Name of the project: AGENTE DE LA INNOVACION DEL IDM (INNTA1/2020/19)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 1

Funding entity or bodies:

AGENCIA VALENCIANA DE LA INNOVACION

Type of entity: Body, others

Start date: 01/01/2020

Duration: 2 years

Total amount: 54.090 €

14 Name of the project: DESARROLLO DE UN DISPOSITIVO PARA LA LIBERACIÓN SOSTENIDA DE METRONIDAZOL (UPV-FISABIO-2019-A41)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 1

Funding entity or bodies:

UNIVERSIDAD POLITECNICA DE VALENCIA

Type of entity: Body, others

Start date: 01/01/2020

Duration: 1 year

Total amount: 2.000 €

15 Name of the project: NANOMOTORES JANUS PT-MSNS AUTOPROPULSADO PARA EL TRATAMIENTO DE BIOFILMS BACTERIANOS (UPV-FISABIO-2019-A53)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 1

Funding entity or bodies:

UNIVERSIDAD POLITECNICA DE VALENCIA

Type of entity: Body, others

Start date: 01/01/2020

Duration: 1 year

Total amount: 1.500 €

16 Name of the project: VALIDACION DE UN APTASENSOR SOPORTADO SOBRE MATERIALES MESOPOROSOS PARA LA DETECCIÓN DEL POTENCIAL MARCADOR TUMORAL 8-OXO-DG EN MUESTRAS BIOLÓGICAS NO INVASIVAS Y EVALUACION DE SU EFECTIVIDAD DIAGNÓSTICA Y PREDICTIVA (UPV-FISABIO-2019-B13)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 1

Funding entity or bodies:

UNIVERSIDAD POLITECNICA DE VALENCIA

Type of entity: Body, others

**Start date:** 01/01/2020**Duration:** 1 year**Total amount:** 8.393 €

- 17 Name of the project:** IDENTIFICACION DE NUEVOS MARCADORES DIAGNOSTICO DE RIESGO DE ACCIDENTE VASCULAR EN PACIENTES CON ESTENOSIS DE CAROTIDA MEDIANTE ESPECTROCOPIA DE RESONANCIA MAGNETICA NUCLEAR. (UPV-FE-AP11)

Degree of contribution: Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 1**Funding entity or bodies:**

UNIVERSIDAD POLITECNICA DE VALENCIA

Type of entity: Body, others**Start date:** 01/12/2019**Duration:** 1 year**Total amount:** 3.400 €

- 18 Name of the project:** VALIDACION DE UN SISTEMA PARA LA DETECCION RAPIDA DE ADN DE CANDIDA AURIS EN MUESTRAS CLINICAS. (UPV-FE-PI03)

Entity where project took place: Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Elena Aznar Gimeno**Nº of researchers:** 4**Funding entity or bodies:**

UNIVERSIDAD POLITECNICA DE VALENCIA

Type of entity: Body, others**Start date:** 01/12/2019**Duration:** 1 year**Total amount:** 7.500 €

- 19 Name of the project:** AYUDA SANTIAGO GRISOLIA NUEVOS MATERIALES HIBRIDOS PARA EL TRATAMIENTO DE ENFERMEDADES RELACIONADAS CON SENESCENCIA CELULAR (GRISOLIAP/2019/144)

Degree of contribution: Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 1**Funding entity or bodies:**

GENERALITAT VALENCIANA

Type of entity: Body, others**Start date:** 16/09/2019**Duration:** 3 years**Total amount:** 66.578,4 €

- 20 Name of the project:** AYUDA PREDOCTORAL FPU-LUCENA SANCHEZ. PROYECTO: DESARROLLO DE NANOMOTORES AUTOPROPULSADOS QUIMICAMENTE (FPU18/06539)

Degree of contribution: Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 2**Funding entity or bodies:**

MINISTERIO DE CIENCIA INNOVACION Y UNIVERSIDADES

Type of entity: Body, others**Start date:** 03/09/2019**Duration:** 3 years - 5 months**Total amount:** 69.356,4 €



- 21** **Name of the project:** CONTRATO POSDOCTORAL GVA-DE LA TORRE PAREDES. PROYECTO: DISPOSITIVOS INTELIGENTES BASADOS EN NANOPARTICULAS DE SILICE (APOSTD/2019/121)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 2
Funding entity or bodies:
GENERALITAT VALENCIANA **Type of entity:** Body, others
Start date: 01/09/2019 **Duration:** 2 years
Total amount: 93.470 €
- 22** **Name of the project:** AYUDA GARANTIA JUVENIL AEI. ACTUACION: GARANTIA JUVENIL EN GRUPO IDM (PEJ2018-003149-A-AR)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 1
Funding entity or bodies:
AGENCIA ESTATAL DE INVESTIGACION **Type of entity:** Body, others
Start date: 04/07/2019 **Duration:** 2 years - 5 months
Total amount: 39.200 €
- 23** **Name of the project:** Contrato Post FSE (Rio Hortega) (CM18/00078)
Entity where project took place: IIS LA FE
Nº of researchers: 2
Funding entity or bodies:
INSTITUTO DE SALUD CARLOS III **Type of entity:** Body, others
Start date: 01/01/2019 **Duration:** 1 year - 11 months - 30 days
Total amount: 537.300 €
- 24** **Name of the project:** DESARROLLO DE UN SISTEMA DIAGNOSTICO DE CANCER BASADO EN NANOMATERIALES PARA LA DETECCION DEL MARCADOR ONCOLOGICO 8-OXO-7, 8-2 β -DEOXIGUNOSINA EN SANGRE Y ORINA
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 3
Funding entity or bodies:
UNIVERSIDAD POLITECNICA DE VALENCIA **Type of entity:** Body, others
Start date: 01/01/2019 **Duration:** 1 year
Total amount: 2.000 €
- 25** **Name of the project:** IDENTIFICACION DE BIOMARCADORS MEDIANTE ANALISIS DEL PERFIL METABOLCIO EN LAGRIMAS PARA LA PREVENCION DE CEGUERA GLAUCOMATOSA. ESTUDIO PILOTO
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 3
Funding entity or bodies:



UNIVERSIDAD POLITECNICA DE VALENCIA

Type of entity: Body, others**Start date:** 01/01/2019**Duration:** 1 year**Total amount:** 1.600 €

- 26 Name of the project:** MATERIALES POROSOS INTELIGENTES MULTIFUNCIONALES Y DISPOSITIVOS ELECTRONICOS PARA LA LIBERACION DE FARMACOS, DETECCION DE DROGAS Y BIOMARCADORES Y COMUNICACION A NANOESCALA (RTI2018-100910-B-C41-AR)

Degree of contribution: Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez; Félix Sancenón Galarza**Nº of researchers:** 10**Funding entity or bodies:**

AGENCIA ESTATAL DE INVESTIGACION

Type of entity: Body, others**Start date:** 01/01/2019**Duration:** 3 years**Total amount:** 266.200 €

- 27 Name of the project:** PLATAFORMA PARA LA DETECCIÓN DE PATÓGENOS BASADA EN MATERIALES CON PUERTAS MOLECULARES (DTS18/00090)

Entity where project took place: FUNDACION PARA LA INVESTIGACION DEL HOSPITAL LA FE**Nº of researchers:** 10**Funding entity or bodies:**

INSTITUTO DE SALUD CARLOS III

Type of entity: Body, others**Start date:** 01/01/2019**Duration:** 1 year - 11 months - 30 days**Total amount:** 99.550 €

- 28 Name of the project:** POTENCIACION DE LA UNIDAD CIENTIFICA DEL IDM (UCIE-IDM) (INNVAL20/19/008)

Degree of contribution: Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 11**Funding entity or bodies:**

AGENCIA VALENCIANA DE LA INNOVACION

Type of entity: Body, others**Start date:** 01/01/2019**Duration:** 2 years**Total amount:** 115.241,22 €

- 29 Name of the project:** EDICION GENETICA IN VIVO MEDIANTE EL USO DE NANOPARTICULAS CARGADAS CON CRISPR/CAS9 (UPV-FE-2018-C20)

Degree of contribution: Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 1**Funding entity or bodies:**

UNIVERSIDAD POLITECNICA DE VALENCIA

Type of entity: Body, others**Start date:** 01/12/2018**Duration:** 1 year**Total amount:** 500 €

- 30** **Name of the project:** SISTEMA DE DETECCIÓN INTRAOPERATORIA DE MUTACION DE IDH EN GLIOMA CEREBRAL (UPV-FE-2018-C05)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 2
Funding entity or bodies:
UNIVERSIDAD POLITECNICA DE VALENCIA
Type of entity: Body, others
Start date: 01/12/2018
Duration: 1 year
Total amount: 200 €
- 31** **Name of the project:** AYUDA PREDOCTORAL GVA-ESCUDEIRO NOGUERA. PROYECTO: DESARROLLO DE NUEVAS NANOMEDICINAS USANDO DIVERSOS TIPOS DE NANOPARTICULAS CONTENIENDO NANOESTRELLAS DE ORO Y NANOPARTICULAS MAGNETICAS (ACIF/2018/110)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 3
Funding entity or bodies:
GENERALITAT VALENCIANA
Type of entity: Body, others
Start date: 01/11/2018
Duration: 2 years - 10 months
Total amount: 62.879,6 €
- 32** **Name of the project:** NUEVA FORMULACIÓN DERMOCOSMÉTICA DE ALTA PROTECCIÓN SOLAR CONTENIENDO HESPERETINA Y OMEGA 3 (RTC-2017-5895-1-AR)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 9
Funding entity or bodies:
AGENCIA ESTATAL DE INVESTIGACION
Type of entity: Body, others
Start date: 01/11/2018
Duration: 3 years
Total amount: 124.660 €
- 33** **Name of the project:** AYUDA GARANTIA JUVENIL GVA EN GRUPO IDM (GJIDI/2018/A/180)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 1
Funding entity or bodies:
GENERALITAT VALENCIANA
Type of entity: Body, others
Start date: 15/10/2018
Duration: 1 year - 1 month
Total amount: 62.139,51 €
- 34** **Name of the project:** Safety testing in the life cycle of nanotechnology-enabled medical technologies for health (814607)
Nº of researchers: 81
Funding entity or bodies:
European Comission
Type of entity: European Comission



Type of participation: Team member

Start date: 01/10/2018

Duration: 3 years - 11 months - 29 days

Total amount: 14.588.286 €

- 35 Name of the project:** AYUDA CONTRATO PREDOCTORAL FPU-MONREAL TRIGO. PROYECTO: REGENERACION DE TEJIDO NERVIOSO MEDIANTE ELECTROESTIMULACION Y LIBERACION ELECTROQUIMICA CONTROLADA DE FARMACOS (FPU17/03239)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 2

Funding entity or bodies:

MINISTERIO DE CIENCIA INNOVACION Y
UNIVERSIDADES

Type of entity: Body, others

Start date: 01/09/2018

Duration: 4 years - 1 month

Total amount: 82.123,2 €

- 36 Name of the project:** GESTION COORDINADA Y PROMOCION ESTRATEGICA DE NANBIOSIS (SAF2017-90810-REDI)

Entity where project took place: CONSORCIO CENTRO DE INVESTIGACION BIOMEDICA EN RED M.P. (CIBER)

Nº of researchers: 14

Funding entity or bodies:

Ministerio de Ciencia, Innovación y Universidades

Type of entity: Body, others

Start date: 01/07/2018

Duration: 1 year - 11 months - 29 days

Total amount: 89.700 €

- 37 Name of the project:** Towards integration and clinical validation of a probe for the detection of Candida albicans (CANDI-EYE)

Entity where project took place: Centro de Investigación Biomédica en Red

Nº of researchers: 19

Funding entity or bodies:

Centro de Investigación Biomédica en Red -
CIBER-BBN

Type of entity: CIBER-BBN

Type of participation: Principal investigator

Start date: 20/06/2018

Duration: 1 year - 11 months - 29 days

Total amount: 50.000 €

- 38 Name of the project:** Oligonucleotide-gated sensing nanodevices for pathogen detection (NANOPATH)

Nº of researchers: 7

Funding entity or bodies:

CIBER-BBN

Type of entity: Body, others

Start date: 10/05/2018

Duration: 11 months - 30 days

Total amount: 3.841,91 €

- 39 Name of the project:** AYUDA JUAN DE LA CIERVA FORMACION-DIEZ SANCHEZ (FJCI-2016-28765)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 3

Funding entity or bodies:

AGENCIA ESTATAL DE INVESTIGACION

Type of entity: Body, others**Start date:** 01/03/2018**Duration:** 2 years**Total amount:** 50.000 €

- 40 Name of the project:** Contrato i-PFIS Doctorados IIS - empresa en Ciencias y Tecnologías de la Salud (IFI17/00039)

Entity where project took place: IIS LA FE**Nº of researchers:** 2**Funding entity or bodies:**

INSTITUTO DE SALUD CARLOS III

Type of entity: Body, others**Start date:** 08/01/2018**Duration:** 2 years - 11 months - 30 days**Total amount:** 61.800 €

- 41 Name of the project:** 3D culture medium for multiple myeloma cells (INTRAMURAL-18-9)

Nº of researchers: 11**Funding entity or bodies:**

CIBER

Type of entity: Body, others**Start date:** 01/01/2018**Duration:** 3 years - 11 months - 30 days**Total amount:** 3.841 €

- 42 Name of the project:** ADQUISICION DE UN MICROSCOPIO ELECTRONICO DE TRANSMISION PARA EL SERVICIO DE MICROSCOPIA ELECTRONICA DE LA UPV (EQC2018-004384-P-AR)

Degree of contribution: Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 1**Funding entity or bodies:**

AGENCIA ESTATAL DE INVESTIGACION

Type of entity: Body, others**Start date:** 01/01/2018**Duration:** 2 years**Total amount:** 229.937,5 €

- 43 Name of the project:** CREACION DE LA UNIDAD CIENTIFICA DEL IDM (INNVAL20/18/006)

Degree of contribution: Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 12**Funding entity or bodies:**

GENERALITAT VALENCIANA

Type of entity: Body, others**Start date:** 01/01/2018**Duration:** 1 year**Total amount:** 111.998 €

- 44 Name of the project:** DEVELOPMENT OF NEW NANOPARTICLES AND PROTOCOLS FOR ENHANCED HYPERTHERMIA (INTRAMURAL-14)

Nº of researchers: 33**Funding entity or bodies:**

CIBER

Type of entity: Body, others**Start date:** 01/01/2018**Duration:** 3 years - 11 months - 30 days



Total amount: 3.841 €

45 Name of the project: Design of nanodispositives based on silica mesoporous nanoparticles for treatment of breast cancer (INTRAMURAL-18-10)

Nº of researchers: 6

Funding entity or bodies:

CIBER

Type of entity: Body, others

Start date: 01/01/2018

Duration: 3 years - 11 months - 30 days

Total amount: 3.841 €

46 Name of the project: Development of functional scaffolds for bone defects (INTRAMURAL-18-3)

Nº of researchers: 12

Funding entity or bodies:

CIBER

Type of entity: Body, others

Start date: 01/01/2018

Duration: 3 years - 11 months - 30 days

Total amount: 3.841 €

47 Name of the project: Development of gated bioglass and 3D scaffolds (INTRAMURAL-18-7)

Nº of researchers: 12

Funding entity or bodies:

CIBER

Type of entity: Body, others

Start date: 01/01/2018

Duration: 3 years - 11 months - 30 days

Total amount: 3.841 €

48 Name of the project: Development of new peptide-gated systems for controlled release applications (INTRAMURAL-18-2)

Nº of researchers: 9

Funding entity or bodies:

CIBER

Type of entity: Body, others

Start date: 01/01/2018

Duration: 3 years - 11 months - 30 days

Total amount: 3.841 €

49 Name of the project: Development of oligonucleotide-gated nanodevices (INTRAMURAL-18-12)

Nº of researchers: 10

Funding entity or bodies:

CIBER

Type of entity: Body, others

Start date: 01/01/2018

Duration: 3 years - 11 months - 30 days

Total amount: 0 €

50 Name of the project: Exploring the possibilities of mesoporous silica materials in cancer detection and treatment based on cancer secretome-related molecules (INTRAMURAL-18-13)

Nº of researchers: 9

Funding entity or bodies:

CIBER

Type of entity: Body, others

Start date: 01/01/2018

Duration: 3 years - 11 months - 30 days

Total amount: 3.841 €

- 51** **Name of the project:** Molecular and metabolic biomarkers in bladder cancer for new sensing and treatment strategies (INTRAMURAL-18-5)
Nº of researchers: 13
Funding entity or bodies:
CIBER
Type of entity: Body, others
Start date: 01/01/2018
Duration: 3 years - 11 months - 30 days
Total amount: 3.841 €
- 52** **Name of the project:** New hybrid nanodevices for targeting senescence-associated diseases (INTRAMURAL-18-1)
Nº of researchers: 10
Funding entity or bodies:
CIBER
Type of entity: Body, others
Start date: 01/01/2018
Duration: 3 years - 11 months - 30 days
Total amount: 3.841 €
- 53** **Name of the project:** New strategies for cancer diagnosis and treatment based on mesoporous materials and glycans (INTRAMURAL-18-11)
Nº of researchers: 12
Funding entity or bodies:
CIBER
Type of entity: Body, others
Start date: 01/01/2018
Duration: 3 years - 11 months - 30 days
Total amount: 3.841 €
- 54** **Name of the project:** New therapeutic nanosystems for Retinitis Pigmentosa based on functional mesoporous silica nanoparticles (INTRAMURAL-18-4)
Nº of researchers: 9
Funding entity or bodies:
CIBER
Type of entity: Body, others
Start date: 01/01/2018
Duration: 3 years - 11 months - 30 days
Total amount: 3.841 €
- 55** **Name of the project:** SISTEMAS AVANZADOS DE LIBERACION CONTROLADA (PROMETEO/2018/024)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 13
Funding entity or bodies:
GENERALITAT VALENCIANA
Type of entity: Body, others
Start date: 01/01/2018
Duration: 4 years
Total amount: 317.834,12 €
- 56** **Name of the project:** Search for biomarkers of Alzheimer's disease in serum (INTRAMURAL-18-6)
Nº of researchers: 11
Funding entity or bodies:
CIBER
Type of entity: Body, others
Start date: 01/01/2018
Duration: 3 years - 11 months - 30 days
Total amount: 3.841 €



- 57** **Name of the project:** Study of the kinetics of nanomotors using electrical current measurements through nanochannels (INTRAMURAL-18-8)
Nº of researchers: 8
Funding entity or bodies: CIBER
Type of entity: Body, others
Start date: 01/01/2018
Duration: 3 years - 11 months - 30 days
Total amount: 3.841 €
- 58** **Name of the project:** NUEVO METODO PARA LA IDENTIFICACION RAPIDA DE STAPHYLOCOCCUS AUREUS (UPV-FE-2017-B02)
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Elena Aznar Gimeno
Nº of researchers: 5
Funding entity or bodies: UNIVERSIDAD POLITECNICA DE VALENCIA
Type of entity: Body, others
Start date: 01/12/2017
Duration: 1 year
Total amount: 6.000 €
- 59** **Name of the project:** AYUDA PARA CONTRATOS FPU-ROJAZ VAZQUEZ (PROYECTO: NUEVOS MATERIALES HIBRIDOS PARA EL TRATAMIENTO DE ENFERMEDADES RELACIONADAS CON SENESCENCIA CELULAR) (FPU16/03714)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 3
Funding entity or bodies: MINISTERIO DE EDUCACION
Type of entity: Body, others
Start date: 01/10/2017
Duration: 4 years - 1 month
Total amount: 82.123,2 €
- 60** **Name of the project:** Integrated Precision Medicine Technologies Research Centre of Excellence (IPMT) (763781)
Nº of researchers: 50
Funding entity or bodies: European Comission
Type of entity: EUROPEAN COMISSION
Type of participation: Principal investigator
Start date: 01/09/2017
Duration: 11 months - 30 days
Total amount: 399.997,5 €
- 61** **Name of the project:** AYUDAS PARA CONTRATOS PREDOCTORALES PARA LA FORMACION DE DOCTORES-PLA BLASCO (BES-2016-077144)
Entity where project took place: Universitat Politècnica de València
Nº of researchers: 3
Funding entity or bodies: AGENCIA ESTATAL DE INVESTIGACION
Type of entity: Body, others
Start date: 01/05/2017
Duration: 4 years
Total amount: 92.750 €



- 62** **Name of the project:** SARA BORRELL_SARA SANTIAGO (CD16/00237)
Entity where project took place: CIBER
Nº of researchers: 2
Funding entity or bodies: MINISTERIO DE ECONOMIA Y COMPETITIVIDAD-ISCIII
Type of entity: Body, others
Start date: 20/01/2017
Duration: 2 years - 11 months - 30 days
Total amount: 80.598 €
- 63** **Name of the project:** Nanodispositivos inteligentes dirigidos a células senescentes: NANO-SEN (DTS16/00205)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 6
Funding entity or bodies: Instituto de Salud Carlos III
Type of entity: State agency
Type of participation: Principal investigator
Start date: 01/01/2017
Duration: 2 years
Total amount: 110.550 €
- 64** **Name of the project:** CONSTITUCION DE UNA PLATAFORMA DE SMART DRUG DISCOVERY (UPV-FE-16-A1)
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Miguel Ángel Miranda Alonso
Nº of researchers: 3
Funding entity or bodies: UNIVERSIDAD POLITECNICA DE VALENCIA
Type of entity: Body, others
Start date: 20/10/2016
Duration: 1 year
Total amount: 7.500 €
- 65** **Name of the project:** NUEVO KIT PARA LA DETECCIÓN DE CANDIDA (UPV-FE-16-B10)
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Elena Aznar Gimeno
Nº of researchers: 5
Funding entity or bodies: UNIVERSIDAD POLITECNICA DE VALENCIA
Type of entity: Body, others
Start date: 20/10/2016
Duration: 1 year
Total amount: 3.000 €
- 66** **Name of the project:** DESARROLLO DE UN PESTICIDA ECOLÓGICO CONTRA LA MOSCA DE LA FRUTA (*Ceratitis capitata* Weidemann) MEDIANTE ENCAPSULADOS INTELIGENTES DE PIRETRINAS NATURALES (RTC-2016-4715-2)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 10
Funding entity or bodies: AGENCIA ESTATAL DE INVESTIGACION
Type of entity: Body, others

**Start date:** 01/10/2016**Total amount:** 154.841,5 €**Duration:** 2 years - 6 months

67 **Name of the project:** NUEVOS MATERIALES HIBRIDOS PARA LA DETECCIÓN DE MARCADORES BIOLÓGICOS. (FPU15/02707)

Entity where project took place: Universitat Politècnica de València**Nº of researchers:** 3**Funding entity or bodies:**

MINISTERIO DE EDUCACION

Type of entity: Body, others**Start date:** 01/09/2016**Duration:** 4 years - 1 month**Total amount:** 82.123,12 €

68 **Name of the project:** A biomimetic in-vitro model for glioblastoma (GBM-ON-CHIP)

Nº of researchers: 2**Funding entity or bodies:**

CIBER-BBN

Type of entity: Body, others**Start date:** 01/07/2016**Duration:** 1 year - 11 months - 29 days**Total amount:** 23.168,8 €

69 **Name of the project:** Development of new nanoparticles and protocols for enhanced hyperthermia (NANOHYPERTHERMIA)

Nº of researchers: 13**Funding entity or bodies:**

CIBER-BBN

Type of entity: Body, others**Start date:** 01/07/2016**Duration:** 1 year - 11 months - 29 days**Total amount:** 23.168,8 €

70 **Name of the project:** Gated Scaffolds for the PRevention of implant INfection (SPRING)

Nº of researchers: 12**Funding entity or bodies:**

CIBER-BBN

Type of entity: Body, others**Start date:** 01/07/2016**Duration:** 1 year - 11 months - 29 days**Total amount:** 23.168,8 €

71 **Name of the project:** Gated nanodevices for targeted release in senescence and cancer related diseases (NANOTARGET)

Nº of researchers: 14**Funding entity or bodies:**

CIBER-BBN

Type of entity: Body, others**Start date:** 01/07/2016**Duration:** 1 year - 11 months - 29 days**Total amount:** 23.168,8 €

72 **Name of the project:** Gated sensing materials and devices for the detection of infectious diseases and urological cancer (NANOPROBE)

Nº of researchers: 14**Funding entity or bodies:**

CIBER-BBN

Type of entity: Body, others**Start date:** 01/07/2016**Duration:** 1 year - 11 months - 29 days

Total amount: 23.168,8 €

73 Name of the project: AYUDA JUAN DE LA CIERVA-FORMACION: DIAZ DE GREÑU PUERTAS (FJCI-2014-20301)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 3

Funding entity or bodies:

MINISTERIO DE ECONOMIA INDUSTRIA Y
COMPETITIVIDAD

Type of entity: Body, others

Start date: 12/05/2016

Duration: 2 years - 4 months

Total amount: 50.000 €

74 Name of the project: Búsqueda de biomarcadores para la detección temprana de la enfermedad de Alzheimer en la cohorte del proyecto Vallecas (Proyecto Vallecas)

Nº of researchers: 18

Funding entity or bodies:

Instituto de Salud Carlos III

Type of entity: Body, others

Start date: 01/05/2016

Duration: 2 years - 11 months - 29 days

Total amount: 41.000 €

75 Name of the project: NANOMATERIALES INTELIGENTES, SONDAS Y DISPOSITIVOS PARA EL DESARROLLO INTEGRADO DE NUEVAS HERRAMIENTAS APLICADAS AL CAMPO BIOMEDICO (MAT2015-64139-C4-1-R)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez; Félix Sancenón Galarza

Nº of researchers: 19

Funding entity or bodies:

MINISTERIO DE ECONOMIA Y EMPRESA

Type of entity: Body, others

Start date: 01/01/2016

Duration: 3 years

Total amount: 266.200 €

76 Name of the project: CONSOLIDACION DEL MODELO DE GESTION Y PROMOCION DE NANBIOSIS (SAF2015-69388-REDI)

Entity where project took place: CENTRO DE INVESTIGACION BIOMEDICA EN RED (CIBER)

Nº of researchers: 15

Funding entity or bodies:

MINISTERIO DE ECONOMIA Y COMPETITIVIDAD

Type of entity: Body, others

Start date: 01/11/2015

Duration: 11 months - 29 days

Total amount: 178.000 €

77 Name of the project: Development of the complete workflow for producing and using a novel nanomodified Ti-based alloy for additive manufacturing in special applications (685952)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 10

Funding entity or bodies:



European Commission

Type of entity: Body, others**Start date:** 01/10/2015**Duration:** 3 years - 6 months**Total amount:** 225.531,25 €

78 **Name of the project:** Desarrollo de nanomateriales y sensores para el diagnóstico y pronóstico temprano y no invasivo (UPV-FE-15-A2)

Degree of contribution: Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 11**Funding entity or bodies:**

UNIVERSIDAD POLITECNICA DE VALENCIA

Type of entity: Body, others**Start date:** 28/09/2015**Duration:** 10 months**Total amount:** 10.000 €

79 **Name of the project:** AYUDA CONTRATO FPU 2014-HERNANDEZ TERUEL (AP2014/03748)

Entity where project took place: Universitat Politècnica de València**Nº of researchers:** 3**Funding entity or bodies:**

MINISTERIO DE EDUCACION

Type of entity: Body, others**Start date:** 01/09/2015**Duration:** 3 years - 10 months**Total amount:** 52.365,45 €

80 **Name of the project:** AYUDA VALI+D PREDOCTORAL-HERNANDEZ TERUEL (PROYECTO: DISEÑO Y OBTENCION DE SISTEMAS MULTIPARTICULARES PARA TRATAMIENTO DE ENFERMEDADES INFLAMATORIAS INTESTINALES) (ACIF/2015/232)

Degree of contribution: Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 3**Funding entity or bodies:**

GENERALITAT VALENCIANA

Type of entity: Body, others**Start date:** 23/06/2015**Duration:** 3 years - 1 month**Total amount:** 44.385,6 €

81 **Name of the project:** AYUDA GERONIMO FORTEZA PROYECTO DESARROLLO DE MATERIALES FUNCIONALIZADOS CON PUERTAS NANOSCOPICAS PARA APLICACIONES DE LIBERACION CONTROLADA (FPA/2015/031)

Degree of contribution: Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 2**Funding entity or bodies:**

GENERALITAT VALENCIANA

Type of entity: Body, others**Start date:** 01/05/2015**Duration:** 8 months**Total amount:** 9.300 €



82 Name of the project: NUEVO DIAGNOSTICO RAPIDO Y DE ALTA SENSIBILIDAD PARA EL VIRUS DEL PAPILOMA HUMANO (RTC-2015-3762-1-AR)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 12

Funding entity or bodies:

MINISTERIO DE ECONOMIA Y EMPRESA

Type of entity: Body, others

Start date: 24/02/2015

Duration: 3 years - 11 months

Total amount: 138.512 €

83 Name of the project: SISTEMAS INTELIGENTES PARA EL CONTROL DE CALIDAD EN PRODUCTOS FRESCOS DE VACUNO (RTC-2015-4246-2-AR)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 8

Funding entity or bodies:

MINISTERIO DE ECONOMIA INDUSTRIA Y COMPETITIVIDAD

Type of entity: Body, others

Start date: 23/02/2015

Duration: 2 years - 7 months

Total amount: 51.394 €

84 Name of the project: pH-responsive matryoshka nanoparticles for an efficient and controlled intracellular delivery of oral antibiotics and gated nanoparticles for the detection of pathogenic microorganisms showing intracellular persistence (TARMAC) (CIBER-BBN-CIBERES-SEPAR)

Nº of researchers: 5

Funding entity or bodies:

CIBER-BBN-CIBERES-SEPAR

Type of entity: Body, others

Start date: 01/02/2015

Duration: 1 year - 11 months - 30 days

Total amount: 3.750 €

85 Name of the project: AYUDA GVA IX INT WORKSHOP ON SENSORS AND MOLECULAR RECOGNITION (AORG/2015/018)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 2

Funding entity or bodies:

GENERALITAT VALENCIANA

Type of entity: Body, others

Start date: 01/01/2015

Duration: 1 year

Total amount: 10.000 €

86 Name of the project: DIFUSION DEL CENTRO DE RECONOCIMIENTO MOLECULAR Y DESARROLLO TECNOLÓGICO. (PPC/2015/041)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 2

Funding entity or bodies:

GENERALITAT VALENCIANA

Type of entity: Body, others**Start date:** 01/01/2015**Duration:** 1 year**Total amount:** 5.548 €

- 87** **Name of the project:** S4-RELEASE- SUSTAINABLE AND SAFE SEPIOLITES NANOMATRICES FOR SMART RELEASE OF ACTIVE INGREDIENTS (APE/2015/015)

Degree of contribution: Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 4**Funding entity or bodies:**

GENERALITAT VALENCIANA

Type of entity: Body, others**Start date:** 01/01/2015**Duration:** 1 year**Total amount:** 2.000 €

- 88** **Name of the project:** ANÁLISIS MULTIPLATAFORMA EN LA DETECCIÓN DE CÁNCER DE PRÓSTATA DE ACUERDO A LA CARGA TUMORAL (AnCaPro)

Entity where project took place: IIS La Fe**Name principal investigator (PI, Co-PI....):** José Luís Vivancos Bono; JL RUIZ CERDÁ**Nº of researchers:** 10**Funding entity or bodies:**

IIS La Fe

Type of entity: Body, others**Start date:** 25/11/2014**Duration:** 1 year - 5 days**Total amount:** 3.000 €

- 89** **Name of the project:** Aplicación teranóstica de nanopartículas mesoporosas de sílice en el ictus isquémico experimental (TERANICTUS) (UPV-FE-2014-047)

Entity where project took place: IIS LA FE**Name principal investigator (PI, Co-PI....):** José Ramón Murguía Ibáñez**Nº of researchers:** 10**Funding entity or bodies:**

IIS LA FE

Type of entity: Body, others**Start date:** 25/11/2014**Duration:** 1 year - 5 days**Total amount:** 3.000 €

- 90** **Name of the project:** AYUDA PARA LA CONTRATACION DE PERSONAL TECNICO DE APOYO A LA I+D+I MODALIDAD INFRAESTRUCTURAS-MONTEAGUDO HUERTA MARTA (PTA2013-8527-I)

Degree of contribution: Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 3**Funding entity or bodies:**

MINISTERIO DE ECONOMIA INDUSTRIA Y COMPETITIVIDAD

Type of entity: Body, others**Start date:** 19/11/2014**Duration:** 3 years**Total amount:** 36.000 €



- 91** **Name of the project:** AYUDA FUNDACION LA CAIXA PARA ESTUDIOS DE DOCTORADO EN UNIVERSIDADES ESPAÑOLAS-LLOPIS LORENTE
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 3
Funding entity or bodies:
FUNDACION LA CAIXA **Type of entity:** Body, others
Start date: 01/10/2014 **Duration:** 4 years
Total amount: 113.500 €
- 92** **Name of the project:** AYUDA VALI+D POSTDOCTORAL-BERNARDOS BAU, ANDREA (APOSTD/2014/016)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 3
Funding entity or bodies:
GENERALITAT VALENCIANA **Type of entity:** Body, others
Start date: 01/09/2014 **Duration:** 2 years
Total amount: 92.571,96 €
- 93** **Name of the project:** LIBERACION DE SUSTANCIAS EN CELULAS SENESCENTES. (SP20130204)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 4
Funding entity or bodies:
UNIVERSIDAD POLITECNICA DE VALENCIA **Type of entity:** Body, others
Start date: 27/02/2014 **Duration:** 9 months
Total amount: 33.519 €
- 94** **Name of the project:** ADQUISICION ANALIZADOR DE AREA SUPERFICIAL Y TAMAÑO DE PORO (PPC/2014/022)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 2
Funding entity or bodies:
GENERALITAT VALENCIANA **Type of entity:** Body, others
Start date: 01/01/2014 **Duration:** 1 year
Total amount: 26.778,6 €
- 95** **Name of the project:** AYUDA COMPLEMENTARIA DEL PROYECTO DESARROLLO DE SISTEMAS BASADOS EN LENGUAS ELECTRONICAS PARA EL CONTROL Y MONITORIZACION DEL CICLO INTEGRAL DEL AGUA, E-TONGUE4WAT- (ACOMP/2014/177)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez



Nº of researchers: 7

Funding entity or bodies:

GENERALITAT VALENCIANA

Type of entity: Body, others

Start date: 01/01/2014

Duration: 1 year

Total amount: 11.000 €

96 Name of the project: AYUDAS PARA CONTRATOS PREDOCTORALES PARA LA FORMACION DE DOCTORES-MARIN HERNANDEZ CRISTINA (BES-2013-064411)

Entity where project took place: Universitat Politècnica de València

Nº of researchers: 3

Funding entity or bodies:

MINISTERIO DE ECONOMIA INDUSTRIA Y COMPETITIVIDAD

Type of entity: Body, others

Start date: 01/01/2014

Duration: 4 years

Total amount: 61.800 €

97 Name of the project: Gated Scaffolds for the PRevention of implant INfection (SPRING)

Nº of researchers: 9

Funding entity or bodies:

CIBER-BBN

Type of entity: Body, others

Start date: 01/01/2014

Duration: 1 year - 11 months - 30 days

Total amount: 29.551,77 €

98 Name of the project: Integrated platform for long-term monitoring by NMR and 3D optical imaging of organotypic cell cultures (MICHORMON-PRO)

Nº of researchers: 6

Funding entity or bodies:

CIBER-BRUKER

Type of entity: Body, others

Start date: 01/01/2014

Duration: 1 year - 11 months - 30 days

Total amount: 100.000 €

99 Name of the project: New Nanomaterials For Diagnosis And Treatment Of Idiopathic Pulmonary Fibrosis (NANOSENFIBRO)

Nº of researchers: 8

Funding entity or bodies:

CIBER-BBN

Type of entity: Body, others

Start date: 01/01/2014

Duration: 1 year - 11 months - 30 days

Total amount: 29.551,77 €

100 Name of the project: New Nanoparticles Containing Bio-Gated Scaffoldings For Tuberculosis Diagnosis (TBio-Gate)

Nº of researchers: 8

Funding entity or bodies:

CIBER-BBN

Type of entity: Body, others

Start date: 01/01/2014

Duration: 1 year - 11 months - 30 days

Total amount: 29.551,77 €



- 101 Name of the project:** Nuevas aproximaciones para el diseño de materiales de liberación controlada y la detección de compuestos peligrosos (PROMETEOII/2014/047)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 12
Funding entity or bodies:
 Generalitat Valenciana
Type of entity: Body, others
Start date: 01/01/2014
Duration: 4 years
Total amount: 282.090 €
- 102 Name of the project:** Organotypic culture platform for long-term monitoring and control of directed neuroregeneration (NEURO-MON)
Nº of researchers: 6
Funding entity or bodies:
 CIBER-BBN
Type of entity: Body, others
Start date: 01/01/2014
Duration: 1 year - 11 months - 30 days
Total amount: 29.551,77 €
- 103 Name of the project:** Desarrollo y prueba de concepto de un sistema de análisis de líquido cefalorraquídeo para la detección del Alzheimer (UPV-FE-2013-63)
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Félix Sancenón Galarza
Nº of researchers: 6
Funding entity or bodies:
 UNIVERSIDAD POLITECNICA DE VALENCIA
Type of entity: Body, others
Start date: 16/12/2013
Duration: 1 year - 1 month
Total amount: 3.000 €
- 104 Name of the project:** Desarrollo y prueba de concepto de un sistema de análisis de orina por huella molecular para patología urológica funcional (UPV-FE-2013-36)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 3
Funding entity or bodies:
 UNIVERSIDAD POLITECNICA DE VALENCIA
Type of entity: Body, others
Start date: 16/12/2013
Duration: 1 year - 1 month
Total amount: 3.000 €
- 105 Name of the project:** Detección de cáncer de próstata (CaP) mediante lenguas electrónicas: una aproximación en el diagnóstico precoz (UPV-FE-2013-509)
Entity where project took place: IIS La Fe
Name principal investigator (PI, Co-PI....): JL RUIZ CERDÁ; José Luís Vivancos Bono
Nº of researchers: 8
Funding entity or bodies:
 IIS La Fe
Type of entity: Body, others
Start date: 16/12/2013
Duration: 1 year - 1 month
Total amount: 3.000 €



- 106** **Name of the project:** New methods for isolation and characterization of serum exosomes from non-small cell lung cancer patients (EXOLUNG) (CIBER-BBN-Fundación ECO)
Nº of researchers: 6
Funding entity or bodies:
CIBER-BBN-FUNDACIÓN ECO
Type of entity: Body, others
Start date: 01/12/2013
Duration: 1 year - 11 months - 29 days
Total amount: 3.250 €
- 107** **Name of the project:** European Network on Ecological Functions of Trace Metals in Anaerobic Biotechnologies (Action ES1302)
Entity where project took place: Instituto de la Grasa (C.S.I.C.)
Nº of researchers: 43
Funding entity or bodies:
EU Framework Programme
Type of entity: Body, others
Start date: 19/11/2013
Duration: 3 years - 11 months - 29 days
Total amount: 113.000 €
- 108** **Name of the project:** AYUDAS PARA LA CONTRATACION DE PERSONAL EN FORMACION EN FASE POSTDOCTORAL. PROGRAMA VALI+D-COLL MERINO, CARMEN (APOSTD/2013/012)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 3
Funding entity or bodies:
GENERALITAT VALENCIANA
Type of entity: Body, others
Start date: 01/06/2013
Duration: 2 years
Total amount: 65.999,58 €
- 109** **Name of the project:** AYUDA CONV FPU 2012-DE LA TORRE PAREDES, CRISTINA (AP2012-1478)
Entity where project took place: Universitat Politècnica de València
Nº of researchers: 3
Funding entity or bodies:
MINISTERIO DE EDUCACION
Type of entity: Body, others
Start date: 01/04/2013
Duration: 4 years
Total amount: 71.234,16 €
- 110** **Name of the project:** DIFUSION DEL CENTRO DE RECONOCIMIENTO MOLECULAR Y DESARROLLO TECNOLÓGICO (PPC/2013/016)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 2
Funding entity or bodies:
GENERALITAT VALENCIANA
Type of entity: Body, others
Start date: 01/01/2013
Duration: 1 year
Total amount: 0 €

- 111 Name of the project:** Desarrollo de materiales funcionalizados con puertas nanoscópicas para aplicaciones de liberación controlada y sensores para la detección de nitrato amónico, sulfídrico y CO (MAT2012-38429-C04-01)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 22
Funding entity or bodies: Ministerio de Economía, Industria y Competitividad
Type of entity: Body, others
Start date: 01/01/2013
Duration: 3 years
Total amount: 251.550 €
- 112 Name of the project:** Desarrollo de sistemas basados en lenguas electrónicas para el control y monitorización del ciclo integral del agua. e-TONGUE4WAT (IPT-2012-0069-310000-AR)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 15
Funding entity or bodies: MINISTERIO DE ECONOMIA INDUSTRIA Y COMPETITIVIDAD
Type of entity: Body, others
Start date: 01/01/2013
Duration: 3 years - 2 months
Total amount: 207.089,75 €
- 113 Name of the project:** MICROBALANZA DE CRISTAL DE CUARZO CON MONITORIZACION DE FACTOR DE DISIPACION (PPC/2013/005)
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ángel Maquieira Catala
Nº of researchers: 5
Funding entity or bodies: GENERALITAT VALENCIANA
Type of entity: Body, others
Start date: 01/01/2013
Duration: 1 year
Total amount: 22.803 €
- 114 Name of the project:** NANOMATERIALES PARA LIBERACIÓN CONTROLADA EN CELULAS SENESCENTES (SP20120759)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 7
Funding entity or bodies: UNIVERSIDAD POLITECNICA DE VALENCIA
Type of entity: Body, others
Start date: 31/12/2012
Duration: 1 year - 10 months
Total amount: 11.500 €
- 115 Name of the project:** NANOBIOMEDICINA PARA LA DIAGNOSIS, PROGNOSIS Y TRATAMIENTO DEL GLIOBLASTOMA MULTIFORME (UPV-FE-0208)
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): José Ramón Murguía Ibáñez
Nº of researchers: 2

**Funding entity or bodies:**

UNIVERSIDAD POLITÉCNICA DE VALENCIA

Type of entity: Body, others**Start date:** 19/12/2012**Duration:** 9 months**Total amount:** 1.500 €**116 Name of the project:** CONTRATO FPI MINISTERIO MAS FONT (BES-2010-036171)**Entity where project took place:** Universitat Politècnica de València**Nº of researchers:** 3**Funding entity or bodies:**MINISTERIO DE ECONOMIA INDUSTRIA Y
COMPETITIVIDAD**Type of entity:** Body, others**Start date:** 02/11/2012**Duration:** 2 years**Total amount:** 42.992,8 €**117 Name of the project:** CONTRATO FPI MINISTERIO BARBA BON (BES-2010-035349)**Entity where project took place:** Universitat Politècnica de València**Nº of researchers:** 3**Funding entity or bodies:**MINISTERIO DE ECONOMIA INDUSTRIA Y
COMPETITIVIDAD**Type of entity:** Body, others**Start date:** 01/10/2012**Duration:** 2 years**Total amount:** 42.992,8 €**118 Name of the project:** HIBRID NANOMATERIALS FOR THE DEVELOPMENT OF SENSORY AND THERAPEUTIC "MOLECULAR GATES" AND FOR THE DETECTION OF EXPLOSIVES. (FPA/2012/016)**Degree of contribution:** Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 2**Funding entity or bodies:**

GENERALITAT VALENCIANA

Type of entity: Body, others**Start date:** 01/04/2012**Duration:** 9 months**Total amount:** 0 €**119 Name of the project:** AYUDA A LA DIFUSION DEL IDM (PPC/2012/026)**Degree of contribution:** Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 2**Funding entity or bodies:**

GENERALITAT VALENCIANA

Type of entity: Body, others**Start date:** 01/01/2012**Duration:** 1 year**Total amount:** 12.600 €**120 Name of the project:** AYUDA PARA LA CONTRATACION DE PERSONAL TECNICO DE APOYO-MODALIDAD INFRAESTRUCTURAS-CARMEN COLL MERINO (PTA2011-5912-I)**Degree of contribution:** Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez

Nº of researchers: 3

Funding entity or bodies:

MINISTERIO DE ECONOMIA INDUSTRIA Y
COMPETITIVIDAD

Type of entity: Body, others

Start date: 01/01/2012

Duration: 3 years

Total amount: 37.800 €

121 Name of the project: Diseño de nuevos sistemas de entrega a demanda de ácidos nucleicos empleando nanodispositivos mesoporosos activables mediante shock térmico (UPV-FE-2013-511)

Nº of researchers: 6

Funding entity or bodies:

Universitat Politècnica de València

Type of entity: Body, others

Start date: 01/01/2012

Duration: 1 year - 11 months - 30 days

Total amount: 3.000 €

122 Name of the project: EQUIPO DE PROTOTIPADO RAPIDO PARA SOPORTE DE CIRCUITOS ELECTRONICOS (PPC/2012/024)

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Eduardo García Breijo

Nº of researchers: 5

Funding entity or bodies:

GENERALITAT VALENCIANA

Type of entity: Body, others

Start date: 01/01/2012

Duration: 1 year

Total amount: 12.841,8 €

123 Name of the project: IDM-ISIC. INSTITUTO DE RECONOCIMIENTO MOLECULAR Y DESARROLLO TECNOLÓGICO. (ISIC/2012/005)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 20

Funding entity or bodies:

GENERALITAT VALENCIANA

Type of entity: Body, others

Start date: 01/01/2012

Duration: 4 years

Total amount: 132.601,6 €

124 Name of the project: NANOMATERIALES HIBRIDOS PARA EL DESARROLLO DE PUERTAS MOLECULARES DE APLICACION EN PROCESOS DE RECONOCIMIENTO Y TERAPEUTICA Y PARA LA DETECCION DE EXPLOSIVOS (ACOMP/2012/160)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 10

Funding entity or bodies:

GENERALITAT VALENCIANA

Type of entity: Body, others

Start date: 01/01/2012

Duration: 1 year

Total amount: 3.000 €

- 125** **Name of the project:** DISEÑO Y DESARROLLO DE NUEVAS PUERTAS MOLECULARES BIOCOMPATIBLES PARA LA LIBERACION CONTROLADA DE FARMACOS. (2094)
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): M^a Carmen Coll Merino
Nº of researchers: 4
Funding entity or bodies:
UNIVERSIDAD POLITECNICA DE VALENCIA
Type of entity: Body, others
Start date: 01/12/2011
Duration: 2 years
Total amount: 6.000 €
- 126** **Name of the project:** NANOMATERIALES PARA LIBERACION CONRALADA EN SISTEMAS CELULARES (2871)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 4
Funding entity or bodies:
UNIVERSIDAD POLITECNICA DE VALENCIA
Type of entity: Body, others
Start date: 01/12/2011
Duration: 1 year - 4 months
Total amount: 12.000 €
- 127** **Name of the project:** AYUDA VALI+D POSTDOCTORAL-MONDRAGON MARTINEZ (APOSTD/2011/017)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 3
Funding entity or bodies:
GENERALITAT VALENCIANA
Type of entity: Body, others
Start date: 01/06/2011
Duration: 1 year - 7 months
Total amount: 27.470,42 €
- 128** **Name of the project:** AYUDA A LA DIFUSION DEL IDM (PPC/2011/019)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 2
Funding entity or bodies:
GENERALITAT VALENCIANA
Type of entity: Body, others
Start date: 01/01/2011
Duration: 1 year
Total amount: 7.000 €
- 129** **Name of the project:** ESTUDIO DE VALIDACION DEL USO DE NANOPARTICULAS PARA LA DETECCION DE PATOGENOS, ALIMENTOS TRANSGENICOS Y DIAGNOSIS GENETICA (INNOVA11-01-5655)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 5
Funding entity or bodies:



UNIVERSIDAD POLITECNICA DE VALENCIA

Type of entity: Body, others**Start date:** 01/01/2011**Duration:** 2 years - 6 months**Total amount:** 23.500 €

130 Name of the project: EVENTO: V INTERNATINAL WORKSHOP ON MOLECULAR RECOGNITION (AORG/2011/065)

Degree of contribution: Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 2**Funding entity or bodies:**

GENERALITAT VALENCIANA

Type of entity: Body, others**Start date:** 01/01/2011**Duration:** 1 year**Total amount:** 0 €

131 Name of the project: IDENTIFICACIÓN Y CUANTIFICACIÓN DE LA PROBLEMÁTICA DEL USO DE AGROTÓXICOS PARA CULTIVOS TRANSGÉNICOS EN LA BAHÍA DEL RÍO URUGUAY (RIO GRANDE DO SUL-BRASIL) (PRIMERS PROJECTES D'INVESTIGACIÓ - ADSIDEO COOPERA)

Entity where project took place: CENTRE DE COOPERACIÓ AL DESENVOLUPAMENT - UPV**Name principal investigator (PI, Co-PI....):** Nicolás Laguarda Miró**Nº of researchers:** 7**Funding entity or bodies:**

GENERALITA VALENCIANA - CENTRE DE COOPERACIÓ AL DESENVOLUPAMENT

Type of entity: Body, others**Start date:** 01/01/2011**Duration:** 2 years - 30 days**Total amount:** 14.000 €

132 Name of the project: AYUDA FPU CONV 2009-MORAGUES PONS (AP2009-2433)

Entity where project took place: Universitat Politècnica de València**Nº of researchers:** 3**Funding entity or bodies:**

MINISTERIO DE EDUCACION

Type of entity: Body, others**Start date:** 10/12/2010**Duration:** 4 years**Total amount:** 71.361,04 €

133 Name of the project: METODO PARA LA DETECCION DE MONOXIDO DE CARBONO (INNOVA-04-10-2225)

Degree of contribution: Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 4**Funding entity or bodies:**

UNIVERSIDAD POLITECNICA DE VALENCIA

Type of entity: Body, others**Start date:** 21/07/2010**Duration:** 1 year - 6 months**Total amount:** 0 €

134 Name of the project: NUEVO SISTEMA DE OPTIMIZACIÓN Y CONTROL DE LOS PROCESOS DE ELABORACIÓN DEL JAMÓN CURADO (IPT-060000-2010-18-AR)

Entity where project took place: Universitat Politècnica de València



Name principal investigator (PI, Co-PI....): José Manuel Barat Baviera

Nº of researchers: 19

Funding entity or bodies:

MINISTERIO DE EDUCACION

Type of entity: Body, others

Start date: 22/06/2010

Duration: 2 years - 7 months

Total amount: 251.815,3 €

135 Name of the project: SENSOPACK (IPT-020000-2010-14)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 12

Funding entity or bodies:

MINISTERIO DE EDUCACION

Type of entity: Body, others

Start date: 22/06/2010

Duration: 2 years - 7 months

Total amount: 114.552 €

136 Name of the project: AYUDA PARA LA CONTRATACION DE TECNICO DE APOYO-JOSE ROS LIS (PTA2009-2437-T)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 2

Funding entity or bodies:

MINISTERIO DE ECONOMIA INDUSTRIA Y
COMPETITIVIDAD

Type of entity: Body, others

Start date: 01/01/2010

Duration: 3 years

Total amount: 56.700 €

137 Name of the project: DESARROLLO DE INDICADORES COLORIMETRICOS IMPRIMIBLES DE ENVASE APLICADOS A PRODUCTOS ALIMENTARIOS FRESCOS Y ENVASADOS TALES COMO DERIVADOS DE CARNE DE POLLO Y EMBUTIDOS FRESCOS (ACOMP/2010/010)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 8

Funding entity or bodies:

GENERALITAT VALENCIANA

Type of entity: Body, others

Start date: 01/01/2010

Duration: 1 year

Total amount: 20.000 €

138 Name of the project: EVENTO: SEMINARIOS DEL INSTITUTO DE RECONOCIMIENTO MOLECULAR Y DESARROLLO TECNOLÓGICO (AORG/2010/194)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 4

Funding entity or bodies:

GENERALITAT VALENCIANA

Type of entity: Body, others

**Start date:** 01/01/2010**Duration:** 1 year**Total amount:** 9.000 €

- 139 Name of the project:** NANOMATERIALES HIBRIDOS PARA EL DESARROLLO DE PUERTAS MOLECULARES DE APLICACION EN PROCESOS DE RECONOCIMIENTO Y TERAPEUTICA Y PARA LA DETECCION DE EXPLOSIVOS (MAT2009-14564-C04-01)

Degree of contribution: Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 28**Funding entity or bodies:**

MINISTERIO DE EDUCACION

Type of entity: Body, others**Start date:** 01/01/2010**Duration:** 3 years**Total amount:** 350.900 €

- 140 Name of the project:** SYNTHESIS AND CHARACTERIZATION OF HETEROCYCLIC UREA AND THIOUREA DERIVATIVES WITH APPLICATION AS FLUORIMETRIC AND/OR COLORIMETRIC CHEMOSENSORES (PT2009-0134)

Degree of contribution: Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 4**Funding entity or bodies:**

MINISTERIO DE EDUCACION

Type of entity: Body, others**Start date:** 01/01/2010**Duration:** 2 years**Total amount:** 8.000 €

- 141 Name of the project:** MATERIALES PARA LIBERACION CONTROLADA EN SISTEMAS CELULARES (PAID-05-09-4306)

Degree of contribution: Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 6**Funding entity or bodies:**

UNIVERSIDAD POLITÉCNICA DE VALENCIA

Type of entity: Body, others**Start date:** 15/12/2009**Duration:** 1 year**Total amount:** 12.000 €

- 142 Name of the project:** DESARROLLO DE SISTEMAS DE LENGUAS ELECTRONICAS CON DISTINTAS TECNICAS DE MEDIDA. APLICACION A ANALISIS DE AGUAS Y DE ALIMENTOS (PAID-06-09-2869)

Entity where project took place: Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Luís Gil Sánchez**Nº of researchers:** 6**Funding entity or bodies:**

UNIVERSIDAD POLITÉCNICA DE VALENCIA

Type of entity: Body, others**Start date:** 01/12/2009**Duration:** 2 years**Total amount:** 9.000 €



- 143** **Name of the project:** REACTIVOS INDICADORES MEDIANTE CAMBIOS DE COLOR O FLUORESCENCIA (INC-0177)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 2
Funding entity or bodies: FUNDACION ESPAÑOLA PARA LA CIENCIA Y LA TECNOLOGIA
Type of entity: Body, others
Start date: 24/11/2009
Duration: 2 months
Total amount: 9.800 €
- 144** **Name of the project:** CONTRATO FPI MINISTERIO TATIANA ABALOS AGUADO (BES-2007-15528)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 3
Funding entity or bodies: MINISTERIO DE EDUCACION
Type of entity: Body, others
Start date: 01/07/2009
Duration: 2 years
Total amount: 43.170,68 €
- 145** **Name of the project:** GERONIMO FORTEZA-MARTINEZ MAÑEZ, RAMON (FPA/2009/076)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 2
Funding entity or bodies: GENERALITAT VALENCIANA
Type of entity: Body, others
Start date: 01/05/2009
Duration: 8 months
Total amount: 9.300 €
- 146** **Name of the project:** SISTEMAS DE VIGILANCIA TECNOLÓGICA, CALIDAD Y PROTECCIÓN DPI DEL INSTITUTO (PAI-09-L6-6414)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 2
Funding entity or bodies: UNIVERSIDAD POLITÉCNICA DE VALENCIA
Type of entity: Body, others
Start date: 01/04/2009
Duration: 1 year - 10 months
Total amount: 12.000 €
- 147** **Name of the project:** AYUDA PARA EL GRUPO DE DISEÑO Y DESARROLLO DE SENSORES (PROMETEO/2009/016)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 13

Funding entity or bodies:

GENERALITAT VALENCIANA

Type of entity: Body, others**Start date:** 01/01/2009**Duration:** 5 years**Total amount:** 194.190 €**148 Name of the project:** Ayuda para el grupo de diseño y desarrollo de sensores (PROMETEO/2009/016)**Degree of contribution:** Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 13**Funding entity or bodies:**

Generalitat Valenciana

Type of entity: Body, others**Start date:** 01/01/2009**Duration:** 5 years**Total amount:** 194.190 €**149 Name of the project:** DESARROLLO DE SENSORES QUIMICOS MOLECULARES EN DISOLUCION Y/O SOPORTADOS PARA EL RECONOCIMIENTO CROMO-FLUOROGENICO DE BIOMOLECULAS DE PEQUEÑO TAMAÑO Y OTRAS ESPECIES QUIMICAS DE INTERES (ACOMP/2009/237)**Degree of contribution:** Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 9**Funding entity or bodies:**

GENERALITAT VALENCIANA

Type of entity: Body, others**Start date:** 01/01/2009**Duration:** 1 year**Total amount:** 5.000 €**150 Name of the project:** DISEÑO DE UN PROCESO CERO PARA LA ELIMINACION DE BORO EN AGUAS RESIDUALES DE EMPRESAS CERAMICAS (ACOMP/2009/107)**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** María Dolores Marcos Martínez**Nº of researchers:** 9**Funding entity or bodies:**

GENERALITAT VALENCIANA

Type of entity: Body, others**Start date:** 01/01/2009**Duration:** 1 year**Total amount:** 10.000 €**151 Name of the project:** EVENTO: III WORKSHOP ON SENSORS AND MOLECULAR RECOGNITION (PAID-03-09-2575)**Degree of contribution:** Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 7**Funding entity or bodies:**

UNIVERSIDAD POLITÉCNICA DE VALENCIA

Type of entity: Body, others**Start date:** 01/01/2009**Duration:** 1 year - 3 months**Total amount:** 1.000 €

- 152** **Name of the project:** III WORKSHOP ON SENSORS. MOLECULAR RECOGNITION (AORG/2009/092)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 2
Funding entity or bodies:
GENERALITAT VALENCIANA
Type of entity: Body, others
Start date: 01/01/2009
Duration: 1 year
Total amount: 9.000 €
- 153** **Name of the project:** LANZAMIENTO DEL INSTITUTO DE RECONOCIMIENTO MOLECULAR Y DESARROLLO TECNOLÓGICO (CTQ2008-03211-E)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 3
Funding entity or bodies:
MINISTERIO DE EDUCACION
Type of entity: Body, others
Start date: 01/11/2008
Duration: 1 year
Total amount: 3.000 €
- 154** **Name of the project:** AYUDA COFINANCIACION UPV PROYECTO: I+D NUEVOS NANOSISTEMAS PARA LA LIBERACION CONTROLADA DE BIOCIDAS DE INTERES EN DIVERSOS MATERIALES (PAID-05-08-4038)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 2
Funding entity or bodies:
UNIVERSIDAD POLITÉCNICA DE VALENCIA
Type of entity: Body, others
Start date: 16/09/2008
Duration: 1 year
Total amount: 5.800 €
- 155** **Name of the project:** DESARROLLO DE INDICADORES COLORIMÉTRICOS IMPRIMIBLES EN MATERIALES DE ENVASE APLICADOS A PRODUCTOS ALIMENTARIOS FRESCOS Y ENVASADOS TALES COMO DERIVADOS DE CARNE DE POLLO Y EMBUTIDOS FRESCOS (CIT-060000-2008-14)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 16
Funding entity or bodies:
MINISTERIO DE EDUCACION
Type of entity: Body, others
Start date: 12/05/2008
Duration: 1 year - 11 months
Total amount: 75.193,25 €
- 156** **Name of the project:** DESARROLLO DE MATERIALES DE ALTA CONDUCTIVIDAD ELÉCTRICA MEDIANTE LA ADICCIÓN DE NANOCARGAS (IMIDIN/2008/23)
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Félix Sancenón Galarza
Nº of researchers: 15

**Funding entity or bodies:**

INSTITUTO VALENCIANO DE COMPETITIVIDAD EMPRESARIAL

Type of entity: Body, others**Start date:** 21/02/2008**Duration:** 11 months**Total amount:** 0 €**157 Name of the project:** DESARROLLO DE MATERIALES DE ALTA CONDUCTIVIDAD ELECTRICA MEDIANTE LA ADICION DE NANOCARGAS (IMIDIN/2008/23)**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Juan López Martínez**Nº of researchers:** 18**Funding entity or bodies:**

INSTITUTO VALENCIANO DE COMPETITIVIDAD EMPRESARIAL

Type of entity: Body, others**Start date:** 21/02/2008**Duration:** 11 months**Total amount:** 37.000 €**158 Name of the project:** I+D NUEVOS NANOSISTEMAS PARA LA LIBERACION CONTROLADA DE BIOCIDAS DE INTERES EN DIVERSOS MATERIALES (IMIDIN/2008/15)**Degree of contribution:** Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 14**Funding entity or bodies:**

INSTITUTO VALENCIANO DE COMPETITIVIDAD EMPRESARIAL

Type of entity: Body, others**Start date:** 21/02/2008**Duration:** 11 months**Total amount:** 0 €**159 Name of the project:** AYUDA UPV PROYECTO INTERDISCIPLINAR: DESARROLLO DE SENSORES QUIMICOS MOLECULARES EN DISOLUCION Y/O SOPORTADOS PARA EL RECONOMIENTO CROMO-FLUOROGENICO DE BIOMOLECULAS DE PEQUEÑO TAMAÑO Y OTRAS ESPECIES QUIMICAS DE INTERES (PAID-05-07-6231)**Degree of contribution:** Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 2**Funding entity or bodies:**

UNIVERSIDAD POLITECNICA DE VALENCIA

Type of entity: Body, others**Start date:** 29/01/2008**Duration:** 1 year**Total amount:** 15.000 €**160 Name of the project:** RECEPTORES CROMOGENICOS Y FLUOROGENICOS PARA LA DETECCION DE AGENTES DE GUERRA QUIMICA. (PAID-06-07-3243)**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** José Luís Vivancos Bono**Nº of researchers:** 8**Funding entity or bodies:**

UNIVERSIDAD POLITECNICA DE VALENCIA

Type of entity: Body, others**Start date:** 04/12/2007**Duration:** 2 years



Total amount: 16.000 €

161 Name of the project: ORGANIZACION Y PUESTA EN MARCHA DE LA RED DE E-CIENCIA EN ESPAÑA (CAC-2007-52)

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Vicente Hernández García

Nº of researchers: 78

Funding entity or bodies:

MINISTERIO DE EDUCACION

Type of entity: Body, others

Start date: 01/10/2007

Duration: 3 years

Total amount: 473.830 €

162 Name of the project: DESARROLLO DE NANOSISTEMAS PARA LA LIBERACION CONTROLADA DE BIOCIDAS DE INTERES EN DIVERSOS MATERIALES (IMCITA/2007/54)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 9

Funding entity or bodies:

INSTITUTO VALENCIANO DE COMPETITIVIDAD
EMPRESARIAL

Type of entity: Body, others

Start date: 10/02/2007

Duration: 11 months

Total amount: 0 €

163 Name of the project: PREP. NUEVAS SUST. COLOREADAS (NANOPIGMENTOS) INCORP. ESCALAS NANOMETRICA DE COLORANTES EN ESTRUC. INORG. (IMCITA/2007/66)

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Juan López Martínez

Nº of researchers: 22

Funding entity or bodies:

INSTITUTO VALENCIANO DE COMPETITIVIDAD
EMPRESARIAL

Type of entity: Body, others

Start date: 10/02/2007

Duration: 11 months

Total amount: 78.137,59 €

164 Name of the project: AYUDA PARA LA CONSTITUCION DE UNA RED DE GRUPOS Y CENTROS DE INVESTIGACION AL INSTITUTO QUIMICA MOLECULAR APLICADA. (ARVIV/2007/031)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 5

Funding entity or bodies:

GENERALITAT VALENCIANA

Type of entity: Body, others

Start date: 01/01/2007

Duration: 2 years

Total amount: 16.000 €

165 Name of the project: DISEÑO DE UN PROCESO DE RESIDUO CERO PARA LA ELIMINACION DE BORO EN AGUAS RESIDUALES DE EMPRESAS CERAMICAS (CIT-310200-2007-86)

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): María Dolores Marcos Martínez



Nº of researchers: 12

Funding entity or bodies:

MINISTERIO DE EDUCACION

Type of entity: Body, others

Start date: 01/01/2007

Duration: 2 years - 3 months

Total amount: 52.500 €

166 Name of the project: ESTUDIO PROSPECTIVO DEL DESARROLLO DE SISTEMAS DE DETECCIÓN COLORIMETRICA DE AGENTES TOXICOS EMPLEADOS EN ATAQUES DE GUERRA QUIMICA (AE/07/121)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 4

Funding entity or bodies:

GENERALITAT VALENCIANA

Type of entity: Body, others

Start date: 01/01/2007

Duration: 1 year

Total amount: 2.500 €

167 Name of the project: PROMOCION DEL INSTITUTO DE QUIMICA MOLECULAR APLICADA EN EL AMBITO REGIONAL Y EUROPEO (AE/07/120)

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ángel Maquieira Catala

Nº of researchers: 5

Funding entity or bodies:

GENERALITAT VALENCIANA

Type of entity: Body, others

Start date: 01/01/2007

Duration: 1 year

Total amount: 2.500 €

168 Name of the project: DESARROLLO DE NUEVOS PROTOCOLOS DE RECONOCIMIENTO CROMO-FLUOROGENICO MEDIANTE EL DISEÑO DE MATERIALES SENSORES AVANZADOS (CTQ2006-15456-C04-01)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 11

Funding entity or bodies:

MINISTERIO DE EDUCACION

Type of entity: Body, others

Start date: 01/10/2006

Duration: 3 years

Total amount: 139.000 €

169 Name of the project: INCORPORACION DE GESTOR AL INSTITUTO DE QUIMICA MOLECULAR APLICADA

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 2

Funding entity or bodies:

UNIVERSIDAD POLITECNICA DE VALENCIA

Type of entity: Body, others

Start date: 01/05/2006

Duration: 1 year



Total amount: 0 €

170 Name of the project: BOLSA INNOVA INSTITUTO DE QUIMICA MOLECULAR APLICADA (PAI-05 592)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 2

Funding entity or bodies:

UNIVERSIDAD POLITECNICA DE VALENCIA

Type of entity: Body, others

Start date: 03/03/2006

Duration: 4 years - 4 months

Total amount: 5.000 €

171 Name of the project: DESARROLLO Y PUESTA A PUNTO DE LENGUAS ELECTRONICAS APLICADAS A LA INDUSTRIA ALIMENTARIA (PROYECTO Nº 4)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 24

Funding entity or bodies:

GENERALITAT VALENCIANA

Type of entity: Body, others

Start date: 01/01/2006

Duration: 1 year

Total amount: 11.000 €

172 Name of the project: PROMOCION DEL USO DE SENSORES QUIMICOS EN EL SECTOR AGROALIMENTARIO (IMPCVA/2006/205)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 5

Funding entity or bodies:

INSTITUTO VALENCIANO DE COMPETITIVIDAD EMPRESARIAL

Type of entity: Body, others

Start date: 01/01/2006

Duration: 1 year - 5 months

Total amount: 20.000 €

173 Name of the project: SUBPROYECTO II: PREPARACION DE NUEVAS SUSTANCIAS COLOREADAS (NANOPIGMENTOS) PARA LA INCORPORACION A ESCALA NANOMETRICA DE COLORANTES EN ESTRUCTURAS INORGANICAS ((SUBPROYECTO) IMCITA/2005/4)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 8

Funding entity or bodies:

UNIVERSIDAD POLITECNICA DE VALENCIA

Type of entity: Body, others

Start date: 01/11/2005

Duration: 3 months

Total amount: 0 €

174 Name of the project: AYUDAS PARA LA ADQUISICIÓN, RENOVACIÓN O MEJORA DE EQUIPAMIENTO CIENTÍFICO TECNOLÓGICO PARA INFRAESTRUCTURAS DE INVESTIGACIÓN (INFRAESTRUCT05/093)



Degree of contribution: Researcher

Entity where project took place: Universidad Politécnica de Valencia

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 1

Funding entity or bodies:

Generalitat Valenciana

Type of entity: Body, others

Start date: 29/06/2005

Total amount: 90.000 €

175 Name of the project: PREPARACION DE NUEVAS SUSTANCIAS COLOREADAS (NANOPIGMENTOS) MEDIANTE LA INCORPORACION A ESCALA NANOMETRICA DE COLORANTES EN ESTRUCTURAS INORGANICAS (CIT-420000-2007-5)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 21

Funding entity or bodies:

MINISTERIO DE EDUCACION

Type of entity: Body, others

Start date: 01/01/2005

Duration: 3 years - 3 months

Total amount: 131.773 €

176 Name of the project: GESTOR PARA INSTITUTO DE QUIMICA MOLECULAR APLICADA (PAI04-04-5085)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 1

Funding entity or bodies:

UNIVERSIDAD POLITECNICA DE VALENCIA

Type of entity: Body, others

Start date: 20/12/2004

Duration: 3 years

Total amount: 22.540 €

177 Name of the project: SENSORES PARA EL CONTROL DEL MEDIO AMBIENTE: CONSTRUCCION DE UN PROTOTIPO (PAI02-04-5086)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 1

Funding entity or bodies:

UNIVERSIDAD POLITECNICA DE VALENCIA

Type of entity: Body, others

Start date: 20/12/2004

Duration: 7 months

Total amount: 6.000 €

178 Name of the project: DISEÑO DE UN PROCESO DE RESIDUO CERO PARA LA ELIMINACION DE BORO EN AGUAS RESIDUALES DE EMPRESAS CERAMICAS (IIARC0/2004/175)

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): María Dolores Marcos Martínez

Nº of researchers: 7

Funding entity or bodies:

GENERALITAT VALENCIANA

Type of entity: Body, others**Start date:** 01/01/2004**Duration:** 2 years**Total amount:** 23.987,57 €**179 Name of the project:** ESTUDIO DE MERCADO PARA SENSORES QUIMICOS (IIACDI/2004/237)**Degree of contribution:** Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 6**Funding entity or bodies:**

GENERALITAT VALENCIANA

Type of entity: Body, others**Start date:** 01/01/2004**Duration:** 11 months**Total amount:** 3.150 €**180 Name of the project:** MATERIALES HIBRIDOS ORGANIZADOS A ESCALA NANOMETRICA: DISEÑO DE DISPOSITIVOS MOLECULARES Y SISTEMAS DE DETECCION Y/O ELIMINACION DE ANIONES TOXICOS (MAT2003-08568-C03-02)**Degree of contribution:** Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 12**Funding entity or bodies:**

MINISTERIO DE CIENCIA Y TECNOLOGIA

Type of entity: Body, others**Start date:** 01/12/2003**Duration:** 3 years**Total amount:** 85.100 €**181 Name of the project:** EVALUACION DEL USO DE NUEVOS REACTIVOS CROMOGENICOS EN ANALISIS DE DETERMINADOS ANIONES Y ESPECIES NEUTRAS EN ALIMENTOS (PPI05-03-4240)**Degree of contribution:** Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 9**Funding entity or bodies:**

UNIVERSIDAD POLITECNICA DE VALENCIA

Type of entity: Body, others**Start date:** 18/07/2003**Duration:** 2 years**Total amount:** 6.000 €**182 Name of the project:** SINTESIS DE SOLIDOS POROSOS FUNCIONALIZADOS PARA PROCESOS DE RECONOCIMIENTO MOLECULAR (PPI-06-03 4281)**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Luis Angel Villaescusa Alonso**Nº of researchers:** 15**Funding entity or bodies:**

UNIVERSIDAD POLITECNICA DE VALENCIA

Type of entity: Body, others**Start date:** 07/07/2003**Duration:** 2 years**Total amount:** 24.000 €

183 **Name of the project:** AYUDA AL GRUPO: GRUPO DE DISEÑO Y DESARROLLO DE SENSORES (GRUPOS03/035)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 15

Funding entity or bodies:

GENERALITAT VALENCIANA

Type of entity: Body, others

Start date: 01/01/2003

Duration: 3 years

Total amount: 57.396,24 €

184 **Name of the project:** DESARROLLO DE SISTEMAS PARA EL RECONOCIMIENTO, DETERMINACION Y MONITORIZACION DE ESPECIES DE INTERES MEDIO AMBIENTAL. CONSTRUCCION DE UN EQUIPO DE MONITORIZACION AMBIENTAL (REN2002-04237-C02-01)

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Juan Soto Camino

Nº of researchers: 10

Funding entity or bodies:

MINISTERIO DE CIENCIA Y TECNOLOGIA

Type of entity: Body, others

Start date: 02/12/2002

Duration: 3 years

Total amount: 87.400 €

185 **Name of the project:** ECO-RED UN EQUIPO PARA EL CONTROL DE LA CALIDAD DEL AGUA (PTR1995-0607-OP-02-01)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 2

Funding entity or bodies:

MINISTERIO DE CIENCIA Y TECNOLOGIA

Type of entity: Body, others

Start date: 22/05/2002

Duration: 1 year - 8 months

Total amount: 53.387,91 €

186 **Name of the project:** FACTORES DIRECTORES DE ESTRUCTURA EN LA SINTESIS DE ZEOTIPOS EN MEDIO FLUORURO. NUEVOS ZEOTIPOS (RyC-2001-03)

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Luis Angel Villaescusa Alonso

Nº of researchers: 2

Funding entity or bodies:

MINISTERIO DE CIENCIA Y TECNOLOGIA

Type of entity: Body, others

Start date: 07/01/2002

Duration: 1 year

Total amount: 5.707,51 €

187 **Name of the project:** SILICAS DE ALTA SUPERFICIE FUNCIONALIZADAS PARA LA ELIMINACION DE METALES Y ANIONES TOXICOS DE EFLUENTES ACUOSOS (GV01-365)

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): María Dolores Marcos Martínez

Nº of researchers: 6

Funding entity or bodies:

GENERALITAT VALENCIANA

Type of entity: Body, others

**Start date:** 01/01/2002**Duration:** 1 year**Total amount:** 20.419,23 €

188 Name of the project: SISTEMA DE ADQUISICION Y CONTROL PARA LA DETERMINACION DE LA CALIDAD DEL AGUA POR PARAMETROS DIFUSOS (PPI-05-01 5918)

Degree of contribution: Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 15**Funding entity or bodies:**

UNIVERSIDAD POLITECNICA DE VALENCIA

Type of entity: Body, others**Start date:** 27/09/2001**Duration:** 2 years**Total amount:** 18.030,36 €

189 Name of the project: AYUDA ADIC. A LA "CARTA" DE GRUPOS I+D+I (INNOVA) (PAI0100 7829)

Degree of contribution: Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 1**Funding entity or bodies:**

UNIVERSIDAD POLITECNICA DE VALENCIA

Type of entity: Body, others**Start date:** 07/02/2001**Duration:** 6 months**Total amount:** 1.803,04 €

190 Name of the project: SINTESIS Y ANCLAJE DE RECEPTORES CONTENIENDO GRUPOS ELECTROACTIVOS FLUORESCENTES O COLORANTES A SOPORTES SILICIOS DE ALTA SUPERFICIE (MAT2000-1387-C02-02)

Degree of contribution: Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 5**Funding entity or bodies:**

MINISTERIO DE CIENCIA Y TECNOLOGIA

Type of entity: Body, others**Start date:** 28/12/2000**Duration:** 3 years**Total amount:** 82.795,42 €

191 Name of the project: QUIMICA DE RECONOCIMIENTO MOLECULAR (GR00-87)

Degree of contribution: Researcher**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Ramón Martínez Mañez**Nº of researchers:** 7**Funding entity or bodies:**

GENERALITAT VALENCIANA

Type of entity: Body, others**Start date:** 19/09/2000**Duration:** 3 months**Total amount:** 5.409,11 €

192 Name of the project: DESARROLLO DE UN SISTEMA DE TECNOLOGIA HIBRIDA PARA EL CONTROL DE CALIDAD DE AGUAS (IMTEFA/2000/32)

Degree of contribution: Researcher



Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 15

Funding entity or bodies:

INSTITUTO VALENCIANO DE COMPETITIVIDAD
EMPRESARIAL

Type of entity: Body, others

Start date: 09/01/2000

Duration: 10 months

Total amount: 9.015,18 €

193 Name of the project: ESTUDIOS DE SISTEMAS COMPLEJANTES REGULADOS ELECTROQUIMICA O FOTOQUIMICAMENTE. APLICACION EN PROCESOS DE RECONOCIMIENTO Y ELIMINACION DE METALES PESADOS. (PB98-1430-C02-02)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 2

Funding entity or bodies:

MINISTERIO DE EDUCACION

Type of entity: Body, others

Start date: 01/01/2000

Duration: 3 years

Total amount: 23.559,66 €

194 Name of the project: METALES PESADOS (Desconocido)

Degree of contribution: Researcher

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 1

Funding entity or bodies:

MEC. DIRECCIÓN GENERAL DE ENSEÑANZA
SUPERIOR E INVESTIGACIÓN CIENTÍFICA

Type of entity: Body, others

Start date: 01/01/2000

Duration: 3 years

Total amount: 23.559,67 €

195 Name of the project: DESARROLLO DE NUEVOS MATERIALES Y NUEVA INSTRUMENTACION ANALITICA APLICADA AL CONTROL MEDIOAMBIENTAL DE LA CALIDAD DEL AGUA (1FD97-0508-C03-01)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 4

Funding entity or bodies:

MINISTERIO DE HACIENDA Y
ADMINISTRACIONES PUBLICAS

Type of entity: Body, others

Start date: 16/02/1999

Duration: 2 years - 10 months

Total amount: 129.310,77 €

196 Name of the project: DISEÑO DE SENSORES ÓPTICOS PARA LA DETERMINACION DE ANIONES (UPV)

Degree of contribution: Researcher

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 5

Funding entity or bodies:



UPV. VICERRECTORADO DE INVESTIGACIÓN Y
DESARROLLO TECNOLÓGICO

Type of entity: Body, others

Start date: 01/01/1999

Duration: 1 year

Total amount: 12.020,24 €

197 Name of the project: SENSORES ÓPTICOS PARA LA DETERMINACIÓN DE FOSFATOS EN AGUA

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 5

Funding entity or bodies:

UNIVERSIDAD POLITECNICA DE VALENCIA

Type of entity: Body, others

Start date: 01/01/1999

Duration: 1 year

Total amount: 0 €

198 Name of the project: RECONOCIMIENTO DE IONES METALICOS Y ESPECIES ANIONICAS
MOLECULAS ELECTROACTIVAS POLIAMINICAS PARA EL RECONOCIMIENTO DE METALES
PESADOS Y ANIONES DE INTERES BIOLOGICO. (PB95-1121-C02-02)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 3

Funding entity or bodies:

MINISTERIO DE EDUCACION

Type of entity: Body, others

Start date: 01/11/1996

Duration: 3 years

Total amount: 18.030,36 €

199 Name of the project: DISEÑO DE LIGANDOS ELECTROACTIVOS PARA LA EXTRACCION,
PRE-CONCENTRACION Y RECUPERACION DE METALES PESADOS.

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 3

Funding entity or bodies:

INSTITUCIO VALENCIANA D'ESTUDIS I
INVESTIGACIÓ

Type of entity: Body, others

Start date: 17/10/1996

Duration: 11 months - 30 days

Total amount: 2.644,45 €

200 Name of the project: ACCIONES INTEGRADAS: ELECTROCHEMICAL SENSORS OF METAL IONS
AND ANIONS. ELECTRO-ACTIVE MOLECULES FOR THE RECOGNITION OF HEAVY METAL IONS AND
ANIONS OF BIOLOGICAL INTEREST (MDR-1996/97/1784)

Nº of researchers: 1

Funding entity or bodies:

THE BRITISH COUNCIL

Type of entity: Body, others

Start date: 20/03/1996

Duration: 1 year - 1 month - 10 days

Total amount: 0 €



- 201** **Name of the project:** Síntesis y estudio de complejos derivados del ferroceno con capacidad coordinante (PB91-0807-C02-02)
Degree of contribution: Researcher
Entity where project took place: Universidad Politécnica de Valencia
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 3
Funding entity or bodies: D.G.I.C.Y.T.
Type of entity: Body, others
Start date: 01/06/1991
Duration: 3 years - 11 months - 30 days
Total amount: 18.000 €
- 202** **Name of the project:** Síntesis de nuevos materiales identificación y estudio de propiedades (Desconocido)
Degree of contribution: Researcher
Entity where project took place: Universidad politécnica de Valencia
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 3
Funding entity or bodies: Vicerrectorado de Investigación Universidad Politécnica de Valencia
Type of entity: Body, others
Start date: 01/02/1991
Duration: 10 months - 30 days
Total amount: 3.000 €
- 203** **Name of the project:** Desarrollo de nuevas vías de síntesis de compuestos con enlace metal-metal. (Desconocido)
Entity where project took place: Universitat de Valencia
Nº of researchers: 1
Funding entity or bodies: C.A.I.C.Y.T.
Type of entity: Body, others
Start date: 09/09/1986
Duration: 2 years - 11 months - 29 days
Total amount: 24.000 €
- 204** **Name of the project:** Desarrollo de nuevas vías de síntesis química y electroquímica de complejos de elementos de transición, estudio de las reacciones inducidas mediante procesos de transferencia de cargas. (Desconocido)
Entity where project took place: Universitat de Valencia
Nº of researchers: 1
Funding entity or bodies: C.A.I.C.Y.T.
Type of entity: Body, others
Start date: 04/10/1983
Duration: 2 years - 11 months - 30 days
Total amount: 24.000 €

R&D non-competitive contracts, agreements or projects with public or private entities

- 1** **Name of the project:** DESARROLLO DE SOPORTES DE HIDROXIAPATITA CON CARACTERISTICAS ANTIMICROBIANAS
Entity where project took place: Universitat Politècnica de València
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 3
Funding entity or bodies:
AIMPLAS-ASOC. DE INVESTIGACION DE MATERIALES PLASTICOS Y
Type of entity: Body, others
Start date: 20/12/2020
Duration: 6 months
Total amount: 30.000 €
- 2** **Name of the project:** DESARROLLO Y VALIDACION DE SISTEMAS DIAGNOSTICOS PARA EL CRIBADO Y LA DETECCION RAPIDA Y CONFIABLE DE PACIENTES CON INFECCION DE COVID-19
Entity where project took place: Universitat Politècnica de València
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 2
Funding entity or bodies:
BANCO SANTANDER, S.A.
Type of entity: Body, others
Start date: 15/11/2020
Duration: 1 year
Total amount: 45.328,47 €
- 3** **Name of the project:** CONTRATO DE LICENCIA DE PATENTE P201000900 Y P201731069
Entity where project took place: Universitat Politècnica de València
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 5
Funding entity or bodies:
MATCH BIOSYSTEMS SL
Type of entity: Body, others
Start date: 17/09/2020
Duration: 18 years
Total amount: 4.480 €
- 4** **Name of the project:** Contrato Sara Borrell ("CD19/00038")
Entity where project took place: Instituto de Investigación La Fe
Entity where project took place: Instituto de Investigación La Fe
Nº of researchers: 2
Funding entity or bodies:
Instituto de Salud Carlos III
Type of entity: Body, others
Start date: 31/01/2020
Duration: 2 years - 11 months - 30 days
Total amount: 80.598 €
- 5** **Name of the project:** GESTION EVENTO XIII WORKSHOP SENSOR & MOLECULAR RECOGNITION 2019 (AORG/2019/119)
Entity where project took place: Universitat Politècnica de València

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 1

Funding entity or bodies:

GENERALITAT VALENCIANA

Type of entity: Body, others

Start date: 01/01/2019

Duration: 1 year

Total amount: 9.000 €

- 6 Name of the project:** APOYO TECNOLÓGICO PARA EL DESARROLLO DE NUEVOS BIOCIDAS DE LIBERACIÓN DE ACEITES ESENCIALES CON FUNCIÓN FUNGICIDA EN PRESENCIA DEL HONGO BOTRYTIS, STEREOUM HIRSUTUM PER. Y PHELLINUS IGNIARIUS FR

Entity where project took place: Universitat Politècnica de València

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 1

Funding entity or bodies:

DESARROLLO AGRÍCOLA Y MINERO, SA

Type of entity: Body, others

Start date: 07/03/2018

Duration: 6 months

Total amount: 19.000 €

- 7 Name of the project:** COLABORACIÓN PROYECTO NEW AGENTS TO TARGET AND REMOVE SENESCENT CELLS

Entity where project took place: Universitat Politècnica de València

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 6

Funding entity or bodies:

SENOLYTIC THERAPEUTICS SL

Type of entity: Body, others

Start date: 01/12/2017

Duration: 1 year

Total amount: 50.318,28 €

- 8 Name of the project:** LICENSE PATENT PCT/IB2017/000222: THERAPEUTIC DERIVATES

Entity where project took place: Universitat Politècnica de València

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 8

Funding entity or bodies:

SENOLYTIC THERAPEUTICS, INC

Type of entity: Body, others

Start date: 30/10/2017

Duration: 19 years - 3 months - 29 days

Total amount: 8.500 €

- 9 Name of the project:** LICENSE PATENT P201231370: LIBERACIÓN DE SUSTANCIAS EN CELULAS SENESCENTES

Entity where project took place: Universitat Politècnica de València

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 6

Funding entity or bodies:

SENOLYTIC THERAPEUTICS, INC

Type of entity: Body, others



Start date: 28/09/2017
Total amount: 15.000 €

Duration: 15 years

10 Name of the project: GESTION EVENTO XI INT WORKSHOP ON SENSORS AND MOLECULAR RECOGNITION

Entity where project took place: Universitat Politècnica de València

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 2

Funding entity or bodies:

UNIVERSIDAD POLITECNICA DE VALENCIA

Type of entity: Body, others

Start date: 05/05/2017

Duration: 6 months

Total amount: 0 €

11 Name of the project: COLABORACION PROYECTO DESARROLLO DE UNA NUEVA GAMA DE DESENGRASANTES VERDES CON LIBERACION CONTROLADA DE ACTIVOS INHIBIDORES DE LA FORMACION DE BIOFILMS

Entity where project took place: Universitat Politècnica de València

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 2

Funding entity or bodies:

SUAVIZANTES Y PLASTIFICANTES
 BITUMINOSOS, S.L.

Type of entity: Body, others

Start date: 01/03/2016

Duration: 3 months

Total amount: 30.000 €

12 Name of the project: ASSESS PALBOCICLIB COMBINATION EFFICACY WITH SENESENCE-ACTIVATED PRO-DRUGS

Entity where project took place: Universitat Politècnica de València

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 2

Funding entity or bodies:

PFIZER INC.

Type of entity: Body, others

Start date: 30/07/2015

Duration: 2 years

Total amount: 105.489,22 €

13 Name of the project: V INT. WORKSHOP IN SENSORS AND MOLECULAR RECOGNITION

Entity where project took place: Universitat Politècnica de València

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 2

Funding entity or bodies:

UNIVERSIDAD POLITECNICA DE VALENCIA

Type of entity: Body, others

Start date: 03/05/2011

Duration: 1 year

Total amount: 0 €

- 14** **Name of the project:** ESTUDIO DE APLICACION DE LENGUAS ELECTRONICAS BASADAS EN TECNICAS DE VOLTAMPEROMETRIA Y DESARROLLO DE EQUIPOS DE MEDIDA PARA CARNES DE CERDO (IMPIVA I+DT 2010)
Entity where project took place: Universitat Politècnica de València
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Luís Gil Sánchez
Nº of researchers: 6
Funding entity or bodies:
MARTINEZ LORIENTE, S.A. **Type of entity:** Body, others
Start date: 01/03/2010 **Duration:** 5 months
Total amount: 20.000 €
- 15** **Name of the project:** COLABORACION EN EL MARCO DEL PROYECTO CENIT SISTEMA EFICIENTE E INTELIGENTE DE LAVADO (SEILA) (CENIT-E 2009)
Entity where project took place: Universitat Politècnica de València
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Juan Soto Camino
Nº of researchers: 9
Funding entity or bodies:
ADASA SISTEMAS, S.A. **Type of entity:** Body, others
Start date: 17/12/2009 **Duration:** 3 years - 3 months
Total amount: 125.000 €
- 16** **Name of the project:** INVESTIGACION PRELIMINAR DE LA APLICACION DE LAS LENGUAS ELECTRONICAS A DISTINTOS TIPOS DE CARNES (IMPIVA I+DT 2009)
Entity where project took place: Universitat Politècnica de València
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Luís Gil Sánchez
Nº of researchers: 6
Funding entity or bodies:
MARTINEZ LORIENTE, S.A. **Type of entity:** Body, others
Start date: 16/12/2009 **Duration:** 4 months
Total amount: 20.000 €
- 17** **Name of the project:** IMPLEMENTACION DE SISTEMAS DE NANOENCAPSULACION DE LIBERACION CONTROLADA EN PROCESOS TEXTILES
Entity where project took place: Universitat Politècnica de València
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 6
Funding entity or bodies:
ASOCIACION DE INVESTIGACION DE LA INDUSTRIA TEXTIL **Type of entity:** Body, others
Start date: 01/12/2008 **Duration:** 2 years - 1 month
Total amount: 40.000 €
- 18** **Name of the project:** FUNCIONALIZACION DE TEJIDOS MEDIANTE LA INCORPORACION DE SENSORES QUIMICOS
Entity where project took place: Universitat Politècnica de València
Entity where project took place: Universitat Politècnica de València



Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 7

Funding entity or bodies:

ASOCIACION DE INVESTIGACION DE LA
INDUSTRIA TEXTIL

Type of entity: Body, others

Start date: 01/05/2008

Duration: 1 year - 8 months

Total amount: 35.000 €

19 Name of the project: COLABORACION EN UNA LINEA DE INVESTIGACION CONJUNTA EN EL DESARROLLO DE SENSORES

Entity where project took place: Universitat Politècnica de València

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 2

Funding entity or bodies:

UNIVERSITAT DE VALENCIA

Type of entity: Body, others

Start date: 13/03/2008

Duration: 4 years

Total amount: 0 €

20 Name of the project: GESTION DEL CONGRESO WORKSHOP IN SENSORS. A LOCAL APPROACH (PAID-03-07-2621)

Entity where project took place: Universitat Politècnica de València

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 2

Funding entity or bodies:

GENERALITAT VALENCIANA

Type of entity: Body, others

Start date: 01/01/2007

Duration: 4 years

Total amount: 2.500 €

21 Name of the project: PREPARACION DE NUEVAS SUSTANCIAS COLOREADAS (NANOPIGMENTOS) MEDIANTE LA INCORPORACION A ESCALA NANOMETRICA DE COLORANTES EN ESTRUCTURA INORGANICAS

Entity where project took place: Universitat Politècnica de València

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Juan López Martínez

Nº of researchers: 14

Funding entity or bodies:

AIDICO - INSTITUTO TECNOLÓGICO DE LA
CONSTRUCCION

Type of entity: Body, others

Start date: 31/10/2006

Duration: 1 year - 2 months

Total amount: 54.000 €

22 Name of the project: PRESTACIONES DE SERVICIO DEL INSTITUTO DE QUIMICA MOLECULAR APLICADA

Entity where project took place: Universitat Politècnica de València

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 2

Funding entity or bodies:



DOSIM, S.L.

Type of entity: Body, others

Start date: 01/09/2005

Duration: 11 years - 3 months - 29 days

Total amount: 0 €

23 Name of the project: ELECTRODOS SENSORES Y DE REFERENCIA DE ELECTROLITO SOLIDO EN TECNOLOGIA HIBRIDA DE CAPA GRUESA

Entity where project took place: Universitat Politècnica de València

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 4

Funding entity or bodies:

APLICACIONES TECNOLOGICAS,S.A.

Type of entity: Body, others

Start date: 14/04/2003

Duration: 3 years

Total amount: 45.075,91 €

24 Name of the project: DENOMINACION DEL EQUIPO: GRUPO DE DESARROLLO Y DISEÑO DE SENSORES ELECTROQUIMICOS Y OPTICOS (INF01-69)

Entity where project took place: Universidad Politécnica de Valencia

Entity where project took place: Universidad Politécnica de Valencia

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 1

Funding entity or bodies:

Generalitat Valenciana

Type of entity: Body, others

Start date: 26/06/2001

Total amount: 54.091,09 €

25 Name of the project: PRESTACION DE SERVICIOS DE RAMON MARTINEZ MAÑEZ

Entity where project took place: Universitat Politècnica de València

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 4

Funding entity or bodies:

UNIVERSITAT DE VALENCIA

Type of entity: Body, others

Start date: 08/03/2001

Duration: 15 years - 9 months - 22 days

Total amount: 2.167,25 €

26 Name of the project: DESARROLLO DE UN SISTEMA DE TECNOLOGIA HIBRIDA PARA EL CONTROL DE CALIDAD DE AGUAS (IMTEFA/2000/32)

Entity where project took place: Universitat Politècnica de València

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez

Nº of researchers: 13

Funding entity or bodies:

APLICACIONES TECNOLOGICAS,S.A.

Type of entity: Body, others

Start date: 15/09/2000

Duration: 1 year

Total amount: 3.005,06 €

- 27** **Name of the project:** DESARROLLO DE NUEVOS MATERIALES Y NUEVA INSTRUMENTACIÓN ANALÍTICA APLICADA AL CONTROL MEDIOAMBIENTAL DE LA CALIDAD DEL AGUA
Entity where project took place: Universitat Politècnica de València
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 2
Funding entity or bodies:
APLICACIONES TECNOLOGICAS,S.A. **Type of entity:** Body, others
Start date: 16/02/1999 **Duration:** 2 years - 10 months
Total amount: 18.137,65 €
- 28** **Name of the project:** ESTUDIO PARA LA MEJORA DE LAS TOMAS DE TIERRA Y LA FABRICACION DE ELECTRODOS DE GRAFITO
Entity where project took place: Universitat Politècnica de València
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 1
Funding entity or bodies:
APLICACIONES TECNOLOGICAS,S.A. **Type of entity:** Body, others
Start date: 28/10/1998 **Duration:** 7 months - 28 days
Total amount: 7.873,26 €
- 29** **Name of the project:** REDISEÑO Y DESARROLLO DE UN EQUIPO DE CONTROL MEDIOAMBIENTAL DE LA CALIDAD DE LAS AGUAS
Entity where project took place: Universitat Politècnica de València
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Ramón Martínez Mañez
Nº of researchers: 4
Funding entity or bodies:
APLICACIONES TECNOLOGICAS,S.A. **Type of entity:** Body, others
Start date: 17/12/1997 **Duration:** 2 years - 14 days
Total amount: 9.481,57 €
- 30** **Name of the project:** INFORME DE ANALISIS DE AGUAS RESIDUALES DE DENIA (Desconocido)
Name principal investigator (PI, Co-PI....): Juan Soto Camino
Nº of researchers: 3
Funding entity or bodies:
OCP CONSTRUCCIONES S.A. **Type of entity:** Body, others
Start date: 20/04/1995 **Duration:** 10 months - 7 days
Total amount: 418,3 €

Supervised artistic projects

Name of the exhibition: VII Feria de los Inventos UPV, Repensat i Fet. Lenguas electrónicas voltamétricas

Authors (by signature order): María Carmen Martínez Bisbal; Ramón Martínez Mañez; Andrea Bernardos Bau; José Luís Vivancos Bono

Exhibiting forum: SALA DE EXPOSICIONES DE LA UNIVERSIDAD POLITÉCNICA DE VALENCIA

Curator: No

Start date: 13/06/2017

Others: Tipo participacion: Colectiva

Results

Industrial and intellectual property

- 1 Title registered industrial property:** HIDROGELES CARGADOS CON NANOPARTÍCULAS DE SÍLICE MESOPOROSA (NMS) FUNCIONALIZADAS CON POLIETILENGLICOL (PEG) PARA LA LIBERACIÓN CONTROLADA DE FÁRMACOS
Type of industrial property: Patent of invention
Inventors/authors/obtainers: M^a Carmen Coll Merino; Cristina De la Torre Paredes; Ramón Martínez Mañez; Félix Sancenón Galarza
Nº of application: P202130055
Date of register: 25/01/2021
- 2 Title registered industrial property:** MÉTODO PARA LA DETECCIÓN RÁPIDA DE CANDIDA AURIS Y EL DIAGNÓSTICO DE LA INFECCIÓN CAUSADA POR ESTE PATÓGENO
Type of industrial property: Patent of invention
Inventors/authors/obtainers: Elena Aznar Gimeno; Ramón Martínez Mañez; Luis Plá Blasco; Sara Santiago Felipe
Nº of application: P202030357
Date of register: 27/04/2020
- 3 Title registered industrial property:** MÉTODO PARA LA DETECCIÓN Y DIAGNÓSTICO RÁPIDO DE STAPHYLOCOCCUS AUREUS
Type of industrial property: Patent of invention
Inventors/authors/obtainers: Elena Aznar Gimeno; Ramón Martínez Mañez; Luis Plá Blasco; Sara Santiago Felipe
Nº of application: P202030356
Date of register: 27/04/2020
- 4 Title registered industrial property:** MÉTODO PARA EL DIAGNÓSTICO, PRONÓSTICO Y MONITORIZACIÓN DE LA ENFERMEDAD DE ALZHEIMER MEDIANTE TÉCNICAS METABOLÓMICAS
Type of industrial property: Patent of invention
Inventors/authors/obtainers: María Carmen Martínez Bisbal; Ramón Martínez Mañez
Nº of application: P202030235
Date of register: 23/03/2020

- 5** **Title registered industrial property:** Sistema de encapsulación y liberación controlada de piretroides de prolongada eficacia en el tiempo contra moscas de la fruta.
Type of industrial property: Patent of invention
Inventors/authors/obtainers: Andrea Bernardos Bau; Eva María Garrido García; Ramón Martínez Mañez; Vicente Navarro Llopis
Nº of application: P201900166
Date of register: 25/10/2019
- 6** **Title registered industrial property:** COMPUESTO PARA LA DETECCIÓN DE CÉLULAS SENESCENTES Y USO DEL MISMO
Type of industrial property: Patent of invention
Inventors/authors/obtainers: Juan Francisco Blandez Barradas; Irene Galiana Guillem; Alba García Fernández; Beatriz Lozano Torres; Ramón Martínez Mañez; Félix Sancenón Galarza
Nº of application: P201930893
Date of register: 10/10/2019
- 7** **Title registered industrial property:** SISTEMA DE LIBERACIÓN CONTROLADA Y MÉTODO DE PREPARACIÓN DEL MISMO
Type of industrial property: Patent of invention
Inventors/authors/obtainers: ADRIÁN HERNÁNDEZ TERUEL; Ramón Martínez Mañez; Félix Sancenón Galarza; VIRGINIA MERINO SANJUÁN
Nº of application: P201830512
Date of register: 29/05/2018
- 8** **Title registered industrial property:** Therapeutic Nanoparticles
Type of industrial property: Patent of invention
Inventors/authors/obtainers: Beatriz Lozano Torres; Andrea Bernardos Bau; Irene Galiana Guillem; Ramón Martínez Mañez; Félix Sancenón Galarza
Nº of application: EP17382901.1
Date of register: 22/12/2017
- 9** **Title registered industrial property:** Material poroso para la detección de Candida albicans, método de diagnóstico que lo utiliza y método de preparación del mismo
Type of industrial property: Patent of invention
Inventors/authors/obtainers: Elena Aznar Gimeno; María Dolores Marcos Martínez; Ramón Martínez Mañez; Ángela Ribes Momparler; Félix Sancenón Galarza; Elisabet Xifre Perez
Nº of application: P201731069
Date of register: 05/09/2017
- 10** **Title registered industrial property:** Therapeutic derivatives
Type of industrial property: Patent of invention
Inventors/authors/obtainers: Beatriz Lozano Torres; Andrea Bernardos Bau; Borja Díaz de Greñu Puertas; Irene Galiana Guillem; Ramón Martínez Mañez; José Ramón Murguía Ibáñez; Félix Sancenón Galarza
Nº of application: PCT/IB2017/000222
Date of register: 10/02/2017
Licences: Yes
- 11** **Title registered industrial property:** Nuevo biocida de liberación controlada de aceites esenciales
Type of industrial property: Patent of invention
Inventors/authors/obtainers: Andrea Bernardos Bau; Ramón Martínez Mañez
Entity holder of rights: Universitat Politècnica de València



Nº of application: PV2016-735

Date of register: 25/11/2016

- 12 Title registered industrial property:** Sistema y método de control de la calidad del agua en plantas de tratamiento

Type of industrial property: Patent of invention

Inventors/authors/obtainers: María Carmen Martínez Bisbal; Miguel Alcañiz Fillol; Román Bataller Prats; J. Guillermo Berlanga Clavijo; Noèlia Carbó Mestre; Elisa Folch; Francisco Javier García Castillo; Edwin Loeff .; Javier López Carrero; Ramón Martínez Mañez; Estela Olivas Masip; Juan Soto Camino; Francisco José Tejadillos; Isabel Tormos

Entity holder of rights: Universitat Politècnica de València; Fomento Agrícola Castellonense, S.A.

Nº of application: P201631405

Date of register: 03/11/2016

- 13 Title registered industrial property:** Food freshness indicator ink and method for the manufacture of a food freshness indicator ink

Type of industrial property: Patent of invention

Inventors/authors/obtainers: Ramón Martínez Mañez; José Luís Vivancos Bono; José Vicente Ros Lis

Entity holder of rights: Universitat Politècnica de València

Nº of application: WO2015104399 A

Date of register: 10/01/2014

- 14 Title registered industrial property:** Equipo y procedimiento con detección amperométrica para aplicaciones de control de calidad de aguas aplicable a la medida de detergentes

Type of industrial property: Patent of invention

Inventors/authors/obtainers: Juan Soto Camino; Virginia GARCÍA DEL PUERTO; Dario ROMARE DAL DOSSO; Jordi CROS HERRERO; Román Bataller Prats; Inmaculada Campos Sánchez; Miguel Alcañiz Fillol; Ramón Martínez Mañez; José Luís Vivancos Bono

Entity holder of rights: ADASA SISTEMAS, S.A.U.

Nº of application: ES2412960

Date of register: 21/12/2012

- 15 Title registered industrial property:** Aplicación de nanodispositivo polivalente para la liberación controlada de fármacos, biofármacos, y cosméticos con utilidad para tratar y prevenir enfermedades degenerativas e.g., cáncer, diabetes, envejecimiento etc, así como para el desarrollo de t

Type of industrial property: Patent of invention

Inventors/authors/obtainers: Ramón Martínez Mañez; José Ramón Murguía Ibáñez; Rosario Perona Abellón; Alessandro Agostini; Laura Mondragón Martínez; Marta Moreno Torres; C. Manguán García; María Dolores Marcos Martínez; Juan Soto Camino; Félix Sancenón Galarza

Entity holder of rights: Universitat Politècnica de València

Nº of application: R-16083-2012

Date of register: 29/09/2012

Nº of patent: PCT/ES2013/070581

Spanish patent: Yes

PCT patent: Yes

Licences: Yes

- 16 Title registered industrial property:** Sistema de liberación controlada activado por oligonucleótidos

Type of industrial property: Patent of invention

Inventors/authors/obtainers: Estela Climent Terol; María Dolores Marcos Martínez; Ramón Martínez Mañez; Félix Sancenón Galarza; Juan Soto Camino

Entity holder of rights: Universitat Politècnica de València



Nº of application: P201000900

Date of register: 12/07/2010

17 Title registered industrial property: Método para la detección de monóxido de carbono

Type of industrial property: Patent of invention

Inventors/authors/obtainers: Ramón Martínez Mañez; Juan Soto Camino; María Dolores Marcos Martínez; Félix Sancenón Galarza; José Vicente Ros Lis; Julio Esteban Moreno

Entity holder of rights: UNIVERSIDAD POLITECNICA DE VALENCIA

Nº of application: P201000519

Date of register: 16/04/2010

18 Title registered industrial property: METODO PARA LA DETERMINACION DE SURFACTANTES EN MEDIOS ACUOSOS

Type of industrial property: Patent of invention

Inventors/authors/obtainers: M^a Carmen Coll Merino; María Dolores Marcos Martínez; Ramón Martínez Mañez; Félix Sancenón Galarza; Juan Soto Camino; José Luís Vivancos Bono

Entity holder of rights: UNIVERSIDAD POLITECNICA DE VALENCIA

Nº of application: P200603207

Date of register: 01/12/2006

19 Title registered industrial property: Metodo para la determinación de mercurio en disolución acuosa

Type of industrial property: Patent of invention

Inventors/authors/obtainers: María Dolores Marcos Martínez; Ramón Martínez Mañez; José Vicente Ros Lis; Juan Soto Camino

Entity holder of rights: UNIVERSIDAD POLITECNICA DE VALENCIA

Nº of application: P2005013333

Date of register: 27/05/2005

20 Title registered industrial property: Multisensor integrado para la determinación de parametros físico-químicos de efluentes líquidos

Type of industrial property: Patent of invention

Inventors/authors/obtainers: Ramón Martínez Mañez; Juan Soto Camino; Eduardo García Breijo; Francisco Javier Ibáñez Civera; Luís Gil Sánchez

Entity holder of rights: UNIVERSIDAD POLITECNICA DE VALENCIA

Nº of application: P200500246

Date of register: 02/02/2005

21 Title registered industrial property: Metodo para la eliminacion de Boro en medios acuosos

Type of industrial property: Patent of invention

Inventors/authors/obtainers: Ramón Martínez Mañez; Juan Soto Camino; María Dolores Marcos Martínez; GERTRUDIS RODRIGUEZ LOPEZ; Luis Angel Villaescusa Alonso; Félix Sancenón Galarza

Entity holder of rights: UNIVERSIDAD POLITECNICA DE VALENCIA

Nº of application: P200401393

Date of register: 28/05/2004

22 Title registered industrial property: Determinación de ATP mediante óxidos de silicio funcionalizados.

Type of industrial property: Patent of invention

Inventors/authors/obtainers: Ramón Martínez Mañez; Juan Soto Camino; María Dolores Marcos Martínez; Ana Belen Descalzo Lopez

Entity holder of rights: UNIVERSIDAD POLITECNICA DE VALENCIA

Nº of application: P200300046

Date of register: 23/12/2003

- 23 Title registered industrial property:** Metodo para la determinación de tioles en medio acuoso.
Type of industrial property: Patent of invention
Inventors/authors/obtainers: Ramón Martínez Mañez; Juan Soto Camino; José Vicente Ros Lis; Félix Sancenón Galarza; María Dolores Marcos Martínez
Entity holder of rights: UNIVERSIDAD POLITECNICA DE VALENCIA
Nº of application: P200301796
Date of register: 17/11/2003
- 24 Title registered industrial property:** Metodo para la determinación de cianuro, sulfuro, tioles, amonio y aminas primarias.
Type of industrial property: Patent of invention
Inventors/authors/obtainers: Ramón Martínez Mañez; Juan Soto Camino; José Diego Jiménez Huerta; José Vicente Ros Lis; Félix Sancenón Galarza; María Dolores Marcos Martínez
Entity holder of rights: UNIVERSIDAD POLITECNICA DE VALENCIA
Nº of application: P200301796
Date of register: 23/07/2003
- 25 Title registered industrial property:** Método para la detección de especies químicas nucleofílicas.
Type of industrial property: Patent of invention
Inventors/authors/obtainers: Ramón Martínez Mañez; Juan Soto Camino; José Vicente Ros Lis; María Dolores Marcos Martínez
Entity holder of rights: UNIVERSIDAD POLITECNICA DE VALENCIA
Nº of application: P200301796
Date of register: 27/03/2003
- 26 Title registered industrial property:** Sistema de medida potenciométrico para oxígeno disuelto
Type of industrial property: Patent of invention
Inventors/authors/obtainers: Ramón Martínez Mañez; Juan Soto Camino; María Isabel Alcaina Miranda; Eduardo García Breijo; Francisco Javier Ibáñez Civera; Luís Gil Sánchez
Entity holder of rights: UNIVERSIDAD POLITECNICA DE VALENCIA
Nº of application: P200300443
Date of register: 14/02/2003
- 27 Title registered industrial property:** Sistema multiparamétrico integrado de control y vigilancia de la calidad del agua
Type of industrial property: Patent of invention
Inventors/authors/obtainers: JOSE MANUEL LLORIS CORMANO; Ramón Martínez Mañez; DIEGO RAMIREZ MUÑOZ; Juan Soto Camino
Entity holder of rights: UNIVERSIDAD POLITECNICA DE VALENCIA
Nº of application: P200201829
Date of register: 25/07/2002
- 28 Title registered industrial property:** Determinación de fluoruros mediante óxidos de silicio funcionalizados.
Type of industrial property: Patent of invention
Inventors/authors/obtainers: Ramón Martínez Mañez; Juan Soto Camino; María Dolores Marcos Martínez; Ana Belen Descalzo Lopez; José Diego Jiménez Huerta
Entity holder of rights: UNIVERSIDAD POLITECNICA DE VALENCIA
Nº of application: P200200307
Date of register: 31/01/2002

29 Title registered industrial property: Planta para tratamiento de aguas residuales de la industria ceramica con un sistema automatico de control de la etapa de precipitacion.

Type of industrial property: Patent of invention

Inventors/authors/obtainers: Juan Carlos Asensi Sempere; Avelino Corma Canós; Ramón Martínez Mañez; Juan Soto Camino

Entity holder of rights: UNIVERSIDAD POLITECNICA DE VALENCIA

Nº of application: ES-2023615

Date of register: 01/01/1992

Scientific and technological activities

Scientific production

Publications, scientific and technical documents

1 Marcia Domínguez Rodríguez; Juan Francisco Blandez Barradas; Beatriz Lozano Torres; Cristina De la Torre Paredes; Maurizio Licchelli; Carlo Mangano; Valeria Amendola; Félix Sancenón Galarza; Ramón Martínez Mañez. A Nanoprobe Based on Gated Mesoporous Silica Nanoparticles for The Selective and Sensitive Detection of Benzene Metabolite t,t-Muconic Acid in Urine. Chemistry - A European Journal. 27, pp. 1306 - 1310. 2021. ISSN 0947-6539. DOI: 10.1002/chem.202004272

Type of production: Scientific paper

Format: Journal

2 Beatriz Lozano Torres; Juan Francisco Blandez Barradas; Irene Galiana Guillem; José A. López Domínguez; Miguel Rovira; Marta Paez Ribes; Estela González Gualda; Daniel Munoz Espin; Manuel Serrano; Félix Sancenón; Ramón Martínez Mañez. A Two-Photon Probe Based on Naphthalimide-Styrene Fluorophore for the in Vivo Tracking of Cellular Senescence. ANALYTICAL CHEMISTRY. 93 - 5, pp. 3052 - 3060. 2021.

Type of production: Scientific paper

3 Beatriz de Luis Fernández; Ángela Morella Aucejo; Antoni Llopis Lorente; Tania Mariel Godoy Reyes; Reynaldo Villalonga; Elena Aznar Gimeno; Félix Sancenón Galarza; Ramón Martínez Mañez. A chemical circular communication network at the nanoscale. Chemical Science. 12, pp. 1551 - 1559. 2021. ISSN 2041-6520. DOI: 10.1039/d0sc04743k

Type of production: Scientific paper

Format: Journal

4 Luis Pla; M^a Carmen Martínez Bisbal; Elena Aznar; Félix Sancenón; Ramón Martínez Mañez; Sara Santiago Felipe. A fluorogenic capped mesoporous aptasensor for gluten detection. ANALYTICA CHIMICA ACTA. 1147, pp. 178 - 186. 2021.

Type of production: Scientific paper

5 IRIS GARRIDO CANO; VICENTE CANDELA NOGUERA; Guadalupe Herrera; Juan Miguel Cejalvo; Ana Lluch Hernández; María Dolores Marcos Martínez; Félix Sancenón Galarza; Pilar Eroles; Ramón Martínez Mañez. Biocompatibility and internalization assessment of bare and functionalised mesoporous silica nanoparticles. Microporous and Mesoporous Materials. 310, pp. 1 - 12. 2021. ISSN 1387-1811. DOI: 10.1016/j.micromeso.2020.110593

Type of production: Scientific paper

Format: Journal

6 IRIS GARRIDO CANO; Luis Plá Blasco; Sara Santiago Felipe; Soraya Simón; Belen Ortega; Begoña Bermejo; Ana Lluch; Juan Miguel Cejalvo; Pilar Eroles; Ramón Martínez Mañez. Nanoporous Anodic Alumina-Based Sensor for miR-99a-5p Detection as an Effective Early Breast Cancer Diagnostic Tool. ACS Sensors. 2021. ISSN 2379-3694

**Type of production:** Scientific paper**Format:** Journal

- 7** Luis Pla; Sara Santiago Felipe; M^a Ángeles Tormo Mas; Alba Ruiz Gaitan; Javier Peman; Eulogio Valentín; Félix Sancenón; Elena Aznar; Ramón Martínez Máñez. Oligonucleotide-capped nanoporous anodic alumina biosensor as diagnostic tool for rapid and accurate detection of *Candida auris* in clinical samples. *Emerging Microbes and Infections*. 10 - 1, pp. 407 - 415. 2021.

Type of production: Scientific paper

- 8** Elisa Poyatos Racionero; Gemma Guari Borrás; María Ruiz Rico; Ángela Morella Auce3jo; Elena Aznar; José Manuel Barat Baviera; Ramón Martínez Máñez; María Dolores Marcos Martínez; Andrea Bernardos. Towards the Enhancement of Essential Oil Components' Antimicrobial Activity Using New Zein Protein-Gated Mesoporous Silica Microdevices. *International Journal of Molecular Sciences*. 22 - 7, pp. 3795. 2021.

Type of production: Scientific paper

- 9** Paula Diez Sánchez; Elena Lucena Sánchez; Andrea Escudero Noguera; Antoni Llopis Lorente; Reynaldo Villalonga; Ramón Martínez Mañez. Ultrafast Directional Janus Pt-Mesoporous Silica Nanomotors for Smart Drug Delivery. *ACS Nano*. pp. 4467 - 4480. 2021. ISSN 1936-0851. DOI: 10.1021/acsnano.0c08404

Type of production: Scientific paper**Format:** Journal

- 10** Isabel Gonzalez-Alvarez; Veronica Vivancos; M^a Carmen Coll Merino; Bárbara Sánchez-Dengra; Elena Aznar Gimeno; Alejandro Ruiz Picazo; Marival Bermejo; Félix Sancenón Galarza; Maria Auxiliadora Dea Ayuela; Marta Gonzalez Alvarez; Ramón Martínez Mañez. pH-Dependent Molecular Gate Mesoporous Microparticles for Biological Control of *Giardia intestinalis*. *Pharmaceutics*. 13, pp. 1 - 17. 2021. ISSN 1999-4923. DOI: 10.3390/pharmaceutics13010094

Type of production: Scientific paper**Format:** Journal

- 11** Beatriz de Luis Fernández; Alba García Fernández; Antoni Llopis Lorente; Reynaldo Villalonga; Félix Sancenón Galarza; Ramón Martínez Mañez. A 1-to-2 demultiplexer hybrid nanocarrier for cargo delivery and activation. *Chemical Communications*. 56, pp. 9974 - 9977. 2020. ISSN 1359-7345. DOI: 10.1039/d0cc03803b

Type of production: Scientific paper**Format:** Journal

- 12** E. Garrido; M. Alfonso; B. Díaz De Greñu; M.D. Marcos; A.M. Costero; S. Gil; F. Sancenón; R. Martínez-Mañez. A Sensitive Nanosensor for the in Situ Detection of the Cannibal Drug. *ACS Sensors*. 5 - 9, pp. 2966 - 2972. 2020. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091691840&doi=10.1021%2facssensors.0c01553&partnerID=40&md5=02159cbdf77f28b57128e3c1fb0c77f9>> ISSN 2379-3694

DOI: 10.1021/acssensors.0c01553**PMID:** 32844649**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 8**Total no. authors:** 8**Corresponding author:** Yes

- 13** Ana M. Pérez Calabuig; Paula Diez Sánchez; Paloma Martinez Ruiz; Ramón Martínez Mañez; Alfredo Sanchez; Reynaldo Villalonga. An enzyme-controlled Janus nanomachine for on-command dual and sequential release. *Chemical Communications*. 56, pp. 6440 - 6443. 2020. ISSN 1359-7345. DOI: 10.1039/d0cc01234c

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- 14** Gulcihan Guzel Kaya; Serena Medaglia; VICENTE CANDELA NOGUERA; María Ángeles Tormo Mas; María Dolores Marcos Martínez; Elena Aznar Gimeno; Huseyin Deveci; Ramón Martínez Mañez. Antibacterial Activity of Linezolid against Gram-Negative Bacteria: Utilization of E-Poly-L-Lysine Capped Silica Xerogel as an Activating Carrier. *Pharmaceutics*. 12, pp. 1 - 14. 2020. ISSN 1999-4923. DOI: 10.3390/pharmaceutics12111126

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DOI: 10.1016/j.snb.2020.128281
Type of production: Scientific paper **Format:** Journal
Position of signature: 7
Total no. authors: 7 **Corresponding author:** Yes
- 16** Sandra Jimenez-Falcao; Anabel Villalonga; Jorge Parra-Nieto; Antoni Llopis Lorente; Paloma Martinez Ruiz; Ramón Martínez Mañez; Reynaldo Villalonga. Dithioacetal-mechanized mesoporous nanosensor for Hg(II) determination. Microporous and Mesoporous Materials. 297, 2020. ISSN 1387-1811. DOI: 10.1016/j.micromeso.2020.110054
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- 17** Alba García Fernández; Beatriz Lozano Torres; Juan Francisco Blandez Barradas; JAVIER MONREAL TRIGO; Juan Soto Camino; Jorge E. Collazos Castro; Miguel Alcañiz Filloi; María Dolores Marcos Martínez; Félix Sancenón Galarza; Ramón Martínez Mañez. Electro-responsive films containing voltage responsive gated mesoporous silica nanoparticles grafted onto PEDOT-based conducting polymer. Journal of Controlled Release. 323, pp. 421 - 430. 2020. ISSN 0168-3659. DOI: 10.1016/j.jconrel.2020.04.048
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- 18** S. Jimenez-Falcao; A. Villalonga; M. Arévalo-Villena; A. Briones-Pérez; R. Martínez-Mañez; P. Martínez-Ruiz; R. Villalonga. Enzyme-controlled mesoporous nanosensor for the detection of living Saccharomyces cerevisiae. Sensors and Actuators, B: Chemical. 303 - 127197, pp. 1 - 7. 2020. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073463927&doi=10.1016%2fj.snb.2019.127197&partnerID=40&md5=3d3fad130822964eb59f6abf52a3064b>>. ISSN 0925-4005
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Type of production: Scientific paper **Format:** Journal
Position of signature: 5
Total no. authors: 7 **Corresponding author:** No
- 19** Beatriz Lozano Torres; Estela Gonzalez Gualda; Marta Paez Rives; David Macias; Joseph R. Wilson III; Cristina González López; Hui Ling Ou; Sofía Mirón#8208Barroso; Zhenguang Zhang; Araceli Lérica#8208Viso; Juan Francisco Blandez Barradas; Félix Sancenón Galarza; Miguel Rovira; Ljiljana Fruk; Carla P. Martins; Manuel Serrano; Gary J. Doherty; Ramón Martínez Mañez; Daniel Muñoz-Espín. Galacto-conjugation of Navitoclax as an efficient strategy to increase senolytic specificity and reduce platelet toxicity. Aging Cell. 19, pp. e13142. 2020. ISSN 1474-9718. DOI: 10.1111/accel.13142
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- 20** Ramón Martínez Mañez; ANTONIO MIGUEL; M. Carmen Navarro Plaza; María José Herrero; José de la Higuera; María Consuelo Cháfer Pericás; Elena Aznar Gimeno; María Dolores Marcos Martínez; Luis Alfonso Rojas; Ramón Alemany; Luis Sendra; SALVADOR FRANCISCO ALIÑO PELLICER. Gold Nanoparticle-Assisted Virus Formation by Means of the Delivery of an Oncolytic Adenovirus Genome. Nanomaterials. 10, 2020. ISSN 2079-4991. DOI: 10.3390/nano10061183
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- 25** Edward Helal-Neto; Aline Oliveira Da Silva De Barros; Roberta Saldanha-Gama; Renata Brandão-Costa; Luciana Magalhães Rebelo Alencar; Clenilton Costa Dos Santos; Ramón Martínez Mañez; Eduardo Ricci-Júnior; Frank Alexis; Verônica Morandi; Christina Barja-Fidalgo; Ralph Santos-Oliveira. Molecular and Cellular Risk Assessment of Healthy Human Cells and Cancer Human Cells Exposed to Nanoparticles. *International Journal of Molecular Sciences*. 1, 2020. ISSN 1422-0067
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- 26** Estela Climent Terol; Mustafa Biyikal; Delia Gröninger; Michael G. Weller; Ramón Martínez Mañez; Knut Rurack. Multiplexed Detection of Analytes on Single Test Strips with Antibody-Gated Indicator-Releasing Mesoporous Nanoparticles. *Angewandte Chemie International Edition*. 59, pp. 23862 - 23869. 2020. ISSN 1433-7851. DOI: 10.1002/anie.202009000
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- 27** Amelia Ultimo; Cristina De la Torre Paredes; Cristina Giménez Morales; Elena Aznar Gimeno; M^a Carmen Coll Merino; María Dolores Marcos Martínez; José Ramón Murguía Ibáñez; Ramón Martínez Mañez; Félix Sancenón Galarza. Nanoparticle-cell-nanoparticle communication by stigmergy to enhance poly(I:C) induced apoptosis in cancer cells. *Chemical Communications*. 56, pp. 7273 - 7276. 2020. ISSN 1359-7345. DOI: 10.1039/d0cc02795b
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- 29** A. García-Fernández; E. Aznar; R. Martínez-Mañez; F. Sancenón. New Advances in In Vivo Applications of Gated Mesoporous Silica as Drug Delivery Nanocarriers. *Small*. 16 - 3, 2020. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076796948&doi=10.1002%2fsmll.201902242&partnerID=40&md5=a2948a978564c5dac7062dcde30d0d94>>. ISSN 1613-6810
DOI: 10.1002/smll.201902242
PMID: 31846230
Type of production: Scientific paper **Format:** Journal
Position of signature: 3
Total no. authors: 4 **Corresponding author:** Yes

- 30** ADRIÁN HERNÁNDEZ TERUEL; Isabel Gonzalez-Alvarez; Marival Bermejo; VIRGINIA MERINO SANJUÁN; María Dolores Marcos Martínez; Félix Sancenón Galarza; Marta Gonzalez-Alvarez; Ramón Martínez Mañez. New Insights of Oral Colonic Drug Delivery Systems for Inflammatory Bowel Disease Therapy. *International Journal of Molecular Sciences*. 21, 2020. ISSN 1422-0067
Type of production: Scientific paper **Format:** Journal
- 31** Elena Añón; ANA MARIA COSTERO NIETO; PEDRO AMOROS DEL TORO; Jamal El Haskouri; Ramón Martínez Mañez; MARGARITA PARRA ALVAREZ; SALVADOR GIL GRAU; Pablo Gaviña Costero; M^o CARMEN TERENCIO SILVESTRE; María Alfonso Navarro. Peptide-Capped Mesoporous Nanoparticles: Toward a more Efficient Internalization of Alendronate. *ChemistrySelect*. 5, pp. 3618 - 3625. 2020. ISSN 2365-6549. DOI: 10.1002/slct.202000417
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- 32** Irene Galiana Guillem; Beatriz Lozano Torres; Mónica Sancho; María Alfonso Navarro; Andrea Bernardos Bau; Viviana Bisbal; Manuel Serrano; Ramón Martínez Mañez; Mar Orzáez. Preclinical antitumor efficacy of senescence-inducing chemotherapy combined with a nanoSenolytic. *Journal of Controlled Release*. 323, pp. 624 - 634. 2020. ISSN 0168-3659. DOI: 10.1016/j.jconrel.2020.04.045
Type of production: Scientific paper **Format:** Journal
- 33** Silvia Rodríguez Nuévalos; ANA MARIA COSTERO NIETO; Pau Arroyo; José Antonio Sáez Cases; MARGARITA PARRA ALVAREZ; Félix Sancenón Galarza; Ramón Martínez Mañez. Protection against chemical submission: naked-eye detection of gamma-hydroxybutyric acid (GHB) in soft drinks and alcoholic beverages. *Chemical Communications*. 56, pp. 12600 - 12603. 2020. ISSN 1359-7345. DOI: 10.1039/d0cc05387b
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DOI: doi.org/10.1002/anie.202004142
PMID: 32416002
Type of production: Scientific paper **Format:** Journal
Position of signature: 9
Total no. authors: 9 **Corresponding author:** Yes
- 35** Sara Rhaissa Rezende dos Reis; Suyene Rocha Pinto; Frederico Duarte de Menezes; Ramón Martínez Mañez; Eduardo Ricci-Júnior; Luciana Magalhaes Rebelo Alencar; Edward Helal-Neto; Aline Oliveira Da Silva De Barros; Patricia Cristina Lisboa; Ralph Santos-Oliveira. Senescence and the Impact on Biodistribution of Different Nanosystems: the Discrepancy on Tissue Deposition of Graphene Quantum Dots, Polycaprolactone Nanoparticle and Magnetic Mesoporous Silica Nanoparticles in Young and Elder Animals. *Pharmaceutical Research*. 37, pp. 40. 2020. ISSN 0724-8741. DOI: 10.1007/s11095-019-2754-9
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- 36** Patricia Zaragozá Torres; Silvia Martínez Llorens; Isabel Fernández Segovia; José Luís Vivancos Bono; Ana Tomás Vidal; Ana Fuentes López; José Vicente Ros Lis; Ramón Martínez Mañez; José Manuel Barat Baviera. Study of fishmeal substitution on growth performance and shelf-life of gilthead sea bream (*Sparus aurata*). *Fishes*. 5, pp. 1 - 14. 2020. ISSN 2410-3888. DOI: 10.3390/fishes5020015
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Type of production: Scientific paper **Format:** Journal
- 38** Luis Plá Blasco; Anna Aviñó; Ramón Eritja; Alba Ruiz Gaitán; Javier Peman; Vicente Friaza; Enrique J. Calderón; Elena Aznar Gimeno; Ramón Martínez Mañez; Sara Santiago Felipe. Triplex hybridization-based nanosystem for the rapid screening of pneumocystis pneumonia in clinical samples. *Journal of Fungi*. 6, pp. 1 - 14. 2020. ISSN 2309-608X. DOI: 10.3390/jof6040292
Type of production: Scientific paper **Format:** Journal
- 39** Hazem Essam Elsayed Moham Okda; SAMEH EL SAYED SHEHATA NASR; ISMAEL OTRI; R. Cristina M. Ferreira; Susana P. G. Costa; Manuela Raposo; Ramón Martínez Mañez; Félix Sancenón Galarza. 2,4,5-Triaryl imidazole probes for the selective chromo-fluorogenic detection of Cu(II). Prospective use of the Cu(II) complexes for the optical recognition of biothiols. *Polyhedron*. 170, pp. 388 - 394. 2019. ISSN 0277-5387. DOI: 10.1016/j.poly.2019.05.055
Type of production: Scientific paper **Format:** Journal
- 40** Tania Mariel Godoy Reyes; ANA MARIA COSTERO NIETO; Pablo Gaviña Costero; Ramón Martínez Mañez; Félix Sancenón Galarza. A Colorimetric Probe for the Selective Detection of Norepinephrine Based on a Double Molecular Recognition with Functionalized Gold Nanoparticles. *ACS Applied Nano Materials*. 2, pp. 1367 - 1373. 2019. ISSN 2574-0970. DOI: 10.1021/acsanm.8b02254
Type of production: Scientific paper **Format:** Journal
- 41** ANDY HERNÁNDEZ MONTOTO; MÓNICA GORBE MOYA; Antoni Llopis Lorente; JOSÉ MANUEL TERRÉS HARO; ROBERTO MONTES ROBLES; Roberto Cao Milán; Borja Díaz de Greñu Puertas; María Alfonso Navarro; Mar Orzáez; María Dolores Marcos Martínez; Ramón Martínez Mañez; Félix Sancenón Galarza. A NIR light-triggered drug delivery system using core-shell gold nanostars-mesoporous silica nanoparticles based on multiphoton absorption photo-dissociation of 2-nitrobenzyl PEG. *Chemical Communications*. 55, pp. 9039 - 9042. 2019. ISSN 1359-7345. DOI: 10.1039/c9cc04260a
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- 43** Tania Mariel Godoy Reyes; Antoni Llopis Lorente; Alba García Fernández; Pablo Gaviña Costero; ANA MARIA COSTERO NIETO; Reynaldo Villalonga; Félix Sancenón Galarza; Ramón Martínez Mañez. A l-glutamate-responsive delivery system based on enzyme-controlled self-immolative arylboronate-gated nanoparticles. *Organic Chemistry Frontiers*. 6, pp. 1058 - 1063. 2019. ISSN 2052-4110. DOI: 10.1039/c9qo00093c
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Type of production: Scientific paper **Format:** Journal
- 46** B. de Luis; A. Llopis-Lorente; P. Rincón; J. Gadea; F. Sancenón; E. Aznar; R. Villalonga; J.R. Murguía; R. Martínez-Mañez. An Interactive Model of Communication between Abiotic Nanodevices and Microorganisms. *Angewandte Chemie - International Edition*. 58 - 42, pp. 14986 - 14990. 2019. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072993590&doi=10.1002%2fanie.201908867&partnerID=40&md5=af5fc91c82857cfb0a554de88ec227e3>>. ISSN 1433-7851
PMID: 31424153
Type of production: Scientific paper **Format:** Journal
Position of signature: 9
Total no. authors: 9 **Corresponding author:** Yes
- 47** Sandra Jimenez-Falcao; Jorge Parra-Nieto; Hugo Pérez-Cuadrado; Ramón Martínez Mañez; Paloma Martínez-Ruiz; Reynaldo Villalonga. Avidin-gated mesoporous silica nanoparticles for signal amplification in electrochemical biosensor. *Electrochemistry Communications*. 108, 2019. ISSN 1388-2481. DOI: 10.1016/j.elecom.2019.106556
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- 50** ADRIÁN HERNÁNDEZ TERUEL; Edgar Pérez Esteve; Isabel Gonzalez-Alvarez; Marta Gonzalez Alvarez; ANA MARIA COSTERO NIETO; Daniel Ferri; Pablo Gaviña Costero; VIRGINIA MERINO SANJUÁN; Ramón Martínez Mañez; Félix Sancenón Galarza. Double Drug Delivery Using Capped Mesoporous Silica Microparticles for the Effective Treatment of Inflammatory Bowel Disease. *Molecular Pharmaceutics*. 16, pp. 2418 - 2429. 2019. ISSN 1543-8384. DOI: 10.1021/acs.molpharmaceut.9b00041
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- 51** Daniel Ferri; ANA MARIA COSTERO NIETO; Pablo Gaviña Costero; MARGARITA PARRA ALVAREZ; VIRGINIA MERINO SANJUÁN; ADRIÁN HERNÁNDEZ TERUEL; Félix Sancenón Galarza; Ramón Martínez Mañez. Efficacy of budesonide-loaded mesoporous silica microparticles capped with a bulky azo derivative in rats with TNBS-induced colitis. *International Journal of Pharmaceutics*. 561, pp. 93 - 101. 2019. ISSN 0378-5173. DOI: 10.1016/j.ijpharm.2019.02.030
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- 52** BEATRIZ MELÉNDEZ RODRÍGUEZ; KELLY JOHANA FIGUEROA LÓPEZ; Andrea Bernardos Bau; Ramón Martínez Mañez; Luis Cabedo Mas; Sergio Torres Giner; José María Lagaron Cabello. Electrospun Antimicrobial Films of Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) Containing Eugenol Essential Oil Encapsulated in Mesoporous Silica Nanoparticles. *Nanomaterials*. 9, pp. 1 - 23. 2019. ISSN 2079-4991. DOI: 10.3390/nano9020227
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DOI: 10.1002/anie.201908867
PMID: 31580642
Type of production: Scientific paper **Format:** Journal
Position of signature: 8
Total no. authors: 9 **Corresponding author:** Yes
- 54** Sandra Jimenez-Falcao; Beatriz de Luis Fernández; Alba García Fernández; Antoni Llopis Lorente; Paula Diez Sánchez; ALFREDO SANCHEZ; Félix Sancenón Galarza; PALOMA MARTINEZ RUIZ; Ramón Martínez Mañez; Reynaldo Villalonga. Glucose-Responsive Enzyme-Controlled Mesoporous Nanomachine with a Layer-by-Layer Supramolecular Architecture. *ACS Applied Bio Materials*. 2, pp. 3321 - 3328. 2019. ISSN 2576-6422. DOI: 10.1021/acsabm.9b00338
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- 55** MÓNICA GORBE MOYA; ANA MARIA COSTERO NIETO; Félix Sancenón Galarza; Ramón Martínez Mañez; Rafael Ballesteros-Cillero; LUIS ENRIQUE OCHANDO GÓMEZ; KATHERINE CHULVI; Raul Gotor; SALVADOR GIL GRAU. Halogen-containing BODIPY derivatives for photodynamic therapy. *Dyes and Pigments*. 160, pp. 198 - 207. 2019. ISSN 0143-7208. DOI: 10.1016/j.dyepig.2018.08.007
Type of production: Scientific paper **Format:** Journal
- 56** Anita Toscani; Cristina Marín Hernández; Jonathan A. Robson; Elvin Chua; Paul Dingwall; Andrew J. P. White; Félix Sancenón Galarza; Cristina De la Torre Paredes; Ramón Martínez Mañez; James D. E. T Wilton-Ely. Highly Sensitive and Selective Molecular Probes for Chromo-Fluorogenic Sensing of Carbon Monoxide in Air, Aqueous Solution and Cells. *Chemistry - A European Journal*. 28, pp. 2069 - 2081. 2019. ISSN 0947-6539. DOI: 10.1002/chem.201805244
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- 57** María Carmen Martínez Bisbal; Alba Loras Monfort; Cristian Suárez Cabrera; Guillermo Quintás; Jesús María Paramio; Ramón Martínez Mañez; SALVADOR GIL GRAU; JL RUIZ CERDÁ. Integrative Metabolomic and Transcriptomic Analysis for the Study of Bladder Cancer. *Cancers*. 11, pp. 686. 2019. ISSN 2072-6694. DOI: 10.3390/cancers11050686
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- 59** Sandra Jimenez-Falcao; Natalia Joga; Alba García Fernández; Antoni Llopis Lorente; Daniel Torres; Beatriz de Luis Fernández; Félix Sancenón Galarza; Paloma Martínez-Ruiz; Ramón Martínez Mañez; Reynaldo Villalonga. Janus nanocarrier powered by bi-enzymatic cascade system for smart delivery. *Journal of Materials Chemistry B*. 7, pp. 4669 - 4676. 2019. ISSN 2050-750X. DOI: 10.1039/c9tb00938h
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- 112** Antoni Llopis Lorente; Beatriz de Luis Fernández; Alba García Fernández; PAULA DIEZ SANCHEZ; ALFREDO SANCHEZ; María Dolores Marcos Martínez; REYNALDO VILLALONGA; Ramón Martínez Mañez; Félix Sancenón Galarza. Au-Mesoporous silica nanoparticles gated with disulfide-linked oligo(ethylene glycol) chains for tunable cargo delivery mediated by an integrated enzymatic control unit. *Journal of Materials Chemistry B*. 5, pp. 6734 - 6739. 2017. ISSN 2050-750X. DOI: 10.1039/c7tb02045g

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- 113** Sofia Nascimento Dos Santos; Sara Rhaissa Rezende Dos Reis; Leonardo Paredes Pires; Edward Helal-Neto; Félix Sancenón Galarza; Thereza Christina Barja-Fidalgo; Romulo Medina De Mattos; Luiz Eurico Urico Nasciutti; Ramón Martínez Mañez; Ralph Santos-Oliveira. Avoiding the mononuclear phagocyte system using human albumin for mesoporous silica nanoparticle system. *Microporous and Mesoporous Materials*. 251, pp. 181 - 189. 2017. ISSN 1387-1811. DOI: 10.1016/j.micromeso.2017.06.005

Type of production: Scientific paper**Format:** Journal

- 114** Nadya Velikova; Nuria Mas Font; Laura Miguel Romero; Lorena Polo Aguado; Ellen Stolte; Edoardo Zaccaria; Rui Cao; Nico Taverne; José Ramón Murguía Ibáñez; Ramón Martínez Mañez; Alberto Marina; Jerry Wells. Broadening the antibacterial spectrum of histidine kinase autophosphorylation inhibitors via the use of epsilon-poly-L-lysine capped mesoporous silica-based nanoparticles. *Nanomedicine Nanotechnology Biology and Medicine*. 13, pp. 569 - 581. 2017. ISSN 1549-9634. DOI: 10.1016/j.nano.2016.09.011

Type of production: Scientific paper**Format:** Journal

- 115** SAMEH EL SAYED SHEHATA NASR; Maurizio Licchelli; Ramón Martínez Mañez; Félix Sancenón Galarza. Capped Mesoporous Silica Nanoparticles for the Selective and Sensitive Detection of Cyanide. *Chemistry - An Asian Journal*. 12, pp. 2670 - 2674. 2017. ISSN 1861-4728. DOI: 10.1002/asia.201701130

Type of production: Scientific paper**Format:** Journal

- 116** ROBERTO MONTES ROBLES; ANDY HERNÁNDEZ MONTOTO; Francisco Javier Ibáñez Civera; Rafael Masot Peris; Cristina De la Torre Paredes; Ramón Martínez Mañez; Eduardo García Breijo; RUBEN FRAILE MUÑOZ. Design of a low-cost equipment for optical hyperthermia. *Sensors and Actuators A Physical*. 255, pp. 61 - 70. 2017. ISSN 0924-4247. DOI: 10.1016/j.sna.2016.12.018

Type of production: Scientific paper**Format:** Journal

- 117** Estela Climent Terol; Mustafa Biyikal; Kornelia Gawlitza; Tomás Dropa; Martin Urban; ANA MARIA COSTERO NIETO; Ramón Martínez Mañez; Knut Rurack. Determination of the chemical warfare agents Sarin, Soman and Tabun in natural waters employing fluorescent hybrid silica materials. *Sensors and Actuators B Chemical*. 246, pp. 1056 - 1065. 2017. ISSN 0925-4005. DOI: 10.1016/j.snb.2017.02.115

Type of production: Scientific paper**Format:** Journal

- 118** I Pallas; María Dolores Marcos Martínez; Ramón Martínez Mañez; José Vicente Ros Lis. Development of a textile nanocomposite as naked eye indicator of the exposition to strong acids. *Sensors*. 17, pp. 1 - 12. 2017. ISSN 1424-8220. DOI: 10.3390/s17092134

Type of production: Scientific paper**Format:** Journal

- 119** María Ruiz Rico; Edgar Pérez Esteve; Andrea Bernardos Bau; Félix Sancenón Galarza; Ramón Martínez Mañez; María Dolores Marcos Martínez; José Manuel Barat Baviera. Enhanced antimicrobial activity of essential oil components immobilized on silica particles. *Food Chemistry*. 233, pp. 228 - 236. 2017. ISSN 0308-8146. DOI: <https://doi.org/10.1016/j.foodchem.2017.04.118>

Type of production: Scientific paper**Format:** Journal

- 120** Antoni Llopis Lorente; Paula Díez; Cristina De la Torre Paredes; Alfredo Sanchez; Félix Sancenón Galarza; Elena Aznar Gimeno; María Dolores Marcos Martínez; Paloma Martínez Ruiz; Ramón Martínez Mañez; Reynaldo Villalonga. Enzyme-Controlled Nanodevice for Acetylcholine-Triggered Cargo Delivery Based on Janus Au-Mesoporous Silica Nanoparticles. *Chemistry - A European Journal*. 23, pp. 4276 - 4281. 2017. ISSN 0947-6539. DOI: 10.1002/chem.201700603
Type of production: Scientific paper **Format:** Journal
- 121** Susana Ribes Llop; Edgar Pérez Esteve; María Ruiz Rico; Ana Fuentes López; Pau Talens Oliag; Ramón Martínez Mañez; José Manuel Barat Baviera. Eugenol and thymol immobilised on mesoporous silica-based material as an innovative antifungal system: Application in strawberry jam. *Food Control*. 81, pp. 181 - 188. 2017. ISSN 0956-7135. DOI: 10.1016/j.foodcont.2017.06.006
Type of production: Scientific paper **Format:** Journal
- 122** C.D.L. Torre; A. Toscani; C. Marín-Hernández; J.A. Robson; M.C. Terencio; A.J.P. White; M.J. Alcaraz; J.D.E.T. Wilton-Ely; R. Martínez-Mañez; F. Sancenón. Ex Vivo Tracking of Endogenous CO with a Ruthenium(II) Complex. *Journal of the American Chemical Society*. 139 - 51, pp. 18484 - 18487. 2017. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85038591356&doi=10.1021%2fjacs.7b11158&partnerID=40&md5=96c8077a8201093f7a3d9153d7acd721>>. ISSN 0002-7863
DOI: 10.1021/jacs.7b11158
PMID: 29182272
Type of production: Scientific paper **Format:** Journal
Position of signature: 9
Total no. authors: 10 **Corresponding author:** Yes
- 123** Ángela Ribes Momparler; Elena Aznar Gimeno; Andrea Bernardos Bau; María Dolores Marcos Martínez; Pedro Amorós; Ramón Martínez Mañez; Félix Sancenón Galarza. Fluorogenic Sensing of Carcinogenic Bisphenol A using Aptamer-Capped Mesoporous Silica Nanoparticles. *Chemistry - A European Journal*. 23, pp. 8581 - 8584. 2017. ISSN 0947-6539. DOI: 10.1002/chem.201701024
Type of production: Scientific paper **Format:** Journal
- 124** Marta Gonzalez Alvarez; M^a Carmen Coll Merino; Isabel Gonzalez-Alvarez; Cristina Giménez Morales; Elena Aznar Gimeno; María Carmen Martínez Bisbal; Isabel Lozoya Agulló; Marival Bermejo; Ramón Martínez Mañez; Félix Sancenón Galarza. Gated Mesoporous Silica Nanocarriers for a "two-Step" Targeted System to Colonic Tissue. *Molecular Pharmaceutics*. 14, pp. 4442 - 4453. 2017. ISSN 1543-8384. DOI: 10.1021/acs.molpharmaceut.7b00565
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Type of production: Scientific paper **Format:** Journal
- 126** A. Llopis-Lorente; P. Díez; A. Sánchez; M.D. Marcos; F. Sancenón; P. Martínez-Ruiz; R. Villalonga; R. Martínez-Mañez. Interactive models of communication at the nanoscale using nanoparticles that talk to one another. *Nature Communications*. 8 - 15511, 2017. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020046413&doi=10.1038%2fncomms15511&partnerID=40&md5=f26233239f5e491a4edf037250ace19e>>. ISSN 2041-1723
DOI: 10.1038/ncomms15511
PMID: 28556828
Type of production: Scientific paper **Format:** Journal
Position of signature: 8

Total no. authors: 8**Corresponding author:** Yes

- 127** Lluís Pascual Vidal; Cristal Cerqueira Coutinho; Alba García Fernández; Beatriz de Luis Fernández; Emerson Soares Bernardes; Marta Souza Albernaz; Sotiris Missailidis; Ramón Martínez Mañez; Ralph Santos Oliveira; Mar Orzaez; Félix Sancenón Galarza. MUC1 aptamer-capped mesoporous silica nanoparticles for controlled drug delivery and radio-imaging applications. *Nanomedicine Nanotechnology Biology and Medicine*. 13, pp. 2495 - 2505. 2017. ISSN 1549-9634. DOI: <http://dx.doi.org/10.1016/j.nano.2017.08.006>
Type of production: Scientific paper **Format:** Journal
- 128** Lluís Pascual; Félix Sancenón Galarza; Ramón Martínez Mañez; Thereza Christina Barja-Fidalgo; Simone Vargas Da Silva; Ariane De Jesus Sousa-Batista; Cristal S. Cerqueira-Coutinho; Ralph Santos-Oliveira. Mesoporous silica as multiple nanoparticles systems for inflammation imaging as nano-radiopharmaceuticals. *Microporous and Mesoporous Materials*. 239, pp. 426 - 431. 2017. ISSN 1387-1811. DOI: [10.1016/j.micromeso.2016.10.041](https://doi.org/10.1016/j.micromeso.2016.10.041)
Type of production: Scientific paper **Format:** Journal
- 129** Antoni Llopis Lorente; Beatriz Lozano Torres; Andrea Bernardos Bau; Félix Sancenón Galarza; Ramón Martínez Mañez. Mesoporous silica materials for controlled delivery based on enzymes. *Journal of Materials Chemistry B*. 5, pp. 3069 - 3083. 2017. ISSN 2050-750X. DOI: [10.1039/C7TB00348J](https://doi.org/10.1039/C7TB00348J)
Type of production: Scientific paper **Format:** Journal
- 130** Lorena Polo Aguado; Natividad Gómez Cerezo; Elena Aznar Gimeno; José Luís Vivancos Bono; Félix Sancenón Galarza; Daniel Arcos; María Vallet Regí; Ramón Martínez Mañez. Molecular gates in mesoporous bioactive glasses for the treatment of bone tumors and infection. *Acta Biomaterialia*. 50, pp. 114 - 126. 2017. ISSN 1742-7061. DOI: <http://dx.doi.org/10.1016/j.actbio.2016.12.025>
Type of production: Scientific paper **Format:** Journal
- 131** L. Alberto Juárez; ANA MARIA COSTERO NIETO; MARGARITA PARRA ALVAREZ; Pablo Gaviña Costero; SALVADOR GIL GRAU; Ramón Martínez Mañez; Félix Sancenón Galarza. NO₂-controlled cargo delivery from gated silica mesoporous nanoparticles. *Chemical Communications*. 53, pp. 585 - 588. 2017. ISSN 1359-7345. DOI: [10.1039/c6cc08885f](https://doi.org/10.1039/c6cc08885f)
Type of production: Scientific paper **Format:** Journal
- 132** María Ruiz Rico; Edgar Pérez Esteve; María Jesús Lerma García; María Dolores Marcos Martínez; Ramón Martínez Mañez; José Manuel Barat Baviera. Protection of folic acid through encapsulation in mesoporous silica particles included in fruit juices. *Food Chemistry*. 218, pp. 471 - 478. 2017. ISSN 0308-8146. DOI: <http://dx.doi.org/10.1016/j.foodchem.2016.09.097>
Type of production: Scientific paper **Format:** Journal
- 133** Beatriz Lozano Torres; Lluís Pascual Vidal; Andrea Bernardos Bau; María Dolores Marcos Martínez; Jan Oskar Jeppesen; Yolanda Salinas Soler; Ramón Martínez Mañez; Félix Sancenón Galarza. Pseudorotaxane capped mesoporous silica nanoparticles for 3,4-methylenedioxymethamphetamine (MDMA) detection in water. *Chemical Communications*. 53, pp. 3559 - 3562. 2017. ISSN 1359-7345. DOI: [10.1039/c7cc00186j](https://doi.org/10.1039/c7cc00186j)
Type of production: Scientific paper **Format:** Journal
- 134** María del Mar Oroval Cucarella; M^a Carmen Coll Merino; Andrea Bernardos Bau; María Dolores Marcos Martínez; Ramón Martínez Mañez; Dmitry G. Shchukin; Félix Sancenón Galarza. Selective Fluorogenic Sensing of As(III) Using Aptamer-Capped Nanomaterials. *ACS Applied Materials & Interfaces*. 9, pp. 11332 - 11336. 2017. ISSN 1944-8244. DOI: [10.1021/acsami.6b15164](https://doi.org/10.1021/acsami.6b15164)
Type of production: Scientific paper **Format:** Journal
- 135** María del Mar Oroval Cucarella; Paula Díez; Elena Aznar Gimeno; M^a Carmen Coll Merino; María Dolores Marcos Martínez; Félix Sancenón Galarza; Reynaldo Villalonga; Ramón Martínez Mañez. Self-Regulated Glucose-Sensitive Neoglycoenzyme-Capped Mesoporous Silica Nanoparticles for Insulin Delivery. *Chemistry - A European Journal*. 23, pp. 1353 - 1360. 2017. ISSN 0947-6539. DOI: [10.1002/chem.201604104](https://doi.org/10.1002/chem.201604104)

Type of production: Scientific paper**Format:** Journal

- 136** Alba García Fernández; Guillermo García-Laínez; M^a LUISA FERRANDIZ MANGLANO; Elena Aznar Gimeno; Félix Sancenón Galarza; M^a JOSE ALCARAZ TORMO; José Ramón Murguía Ibáñez; María Dolores Marcos Martínez; Ramón Martínez Mañez; ANA MARIA COSTERO NIETO; Mar Orzaez. Targeting inflammasome by the inhibition of caspase-1 activity using capped mesoporous silica nanoparticles. *Journal of Controlled Release*. 248, pp. 60 - 70. 2017. Available on-line at: <DOI: 10.1016/j.jconrel.2017.01.002>. ISSN 0168-3659

Type of production: Scientific paper**Format:** Journal

- 137** Ángela Ribes Momparler; Sara Santiago Felipe; Andrea Bernardos Bau; María Dolores Marcos Martínez; María Teresa Pardo Vicente; Félix Sancenón Galarza; Ramón Martínez Mañez; Elena Aznar Gimeno. Two New Fluorogenic Aptasensors Based on Capped Mesoporous Silica Nanoparticles to Detect Ochratoxin A. *ChemistryOpen*. 6, pp. 653 - 659. 2017. ISSN 2191-1363. DOI: 10.1002/open.201700106

Type of production: Scientific paper**Format:** Journal

- 138** Estela Climent Terol; Mustafa Biyikal; Kornelia Gawlitza; Tomá? Dropa; Martin Urban; ANA MARIA COSTERO NIETO; Ramón Martínez Mañez; Knut Rurack. A Rapid and Sensitive Strip-Based Quick Test for Nerve Agents Tabun, Sarin, and Soman Using BODIPY-Modified Silica Materials. *Chemistry - A European Journal*. 22, pp. 11138 - 11142. 2016. ISSN 0947-6539

Type of production: Scientific paper**Format:** Journal

- 139** Lluís Pascual Vidal; SAMEH EL SAYED SHEHATA NASR; Ramón Martínez Mañez; ANA MARIA COSTERO NIETO; SALVADOR GIL GRAU; Pablo Gaviña Costero; Félix Sancenón Galarza. Acetylcholinesterase-Capped Mesoporous Silica Nanoparticles That Open in the Presence of Diisopropylfluorophosphate (a Sarin or Soman Simulant). *Organic Letters*. 18, pp. 5548 - 5551. 2016. ISSN 1523-7060. DOI: 10.1021/acs.orglett.6b02793

Type of production: Scientific paper**Format:** Journal

- 140** SAMEH EL SAYED SHEHATA NASR; MICHELE MILANI; C Milanese; Maurizio Licchelli; Ramón Martínez Mañez; Félix Sancenón Galarza. Anions as Triggers in Controlled Release Protocols from Mesoporous Silica Nanoparticles Functionalized with Macrocyclic Copper(II) Complexes. *Chemistry - A European Journal*. 22, pp. 13935 - 13945. 2016. ISSN 0947-6539

Type of production: Scientific paper**Format:** Journal

- 141** L. Alberto Juárez; ANA MARIA COSTERO NIETO; MARGARITA PARRA ALVAREZ; SALVADOR GIL GRAU; Javier Ródenas; Félix Sancenón Galarza; Ramón Martínez Mañez. Biphenyl derivatives containing trimethylsilyl benzyl ether or oxime groups as probes for NO₂ detection. *RSC Advances*. 6, pp. 43719 - 43723. 2016. ISSN 2046-2069. DOI: 10.1039/c6ra02222g

Type of production: Scientific paper**Format:** Journal

- 142** Cristina Marín Hernández; Anita Toscani; Félix Sancenón Galarza; James D. E. T Wilton-Ely; Ramón Martínez Mañez. Chromo-fluorogenic probes for carbon monoxide detection. *Chemical Communications*. 52, pp. 5902 - 5911. 2016. ISSN 1359-7345. DOI: 10.1039/c6cc01335j

Type of production: Scientific paper**Format:** Journal

- 143** SAMEH EL SAYED SHEHATA NASR; Lluís Pascual Vidal; M. LICCHELLI; Ramón Martínez Mañez; SALVADOR GIL GRAU; ANA MARIA COSTERO NIETO; Félix Sancenón Galarza. Chromogenic Detection of Aqueous Formaldehyde Using Functionalized Silica Nanoparticles. *ACS Applied Materials & Interfaces*. 8, pp. 14318 - 14322. 2016. ISSN 1944-8244. DOI: 10.1021/acsami.6b03224

Type of production: Scientific paper**Format:** Journal

- 144** Y. Yue; F. Huo; Y. Zhang; J. Chao; R. Martínez-Mañez; C. Yin. Curcumin-Based "enhanced SNA" Promoted Ultrafast Fluorescent Probe for Thiophenols Detection in Aqueous Solution and in Living Cells. *Analytical Chemistry*. 88 - 21, pp. 10499 - 10503. 2016. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2->

s2.0-84993968493&doi=10.1021%2facanalchem.6b02520&partnerID=40&md5=d2c1d8eed038f0b2f94ab86508c0c7
ISSN 0003-2700

DOI: 10.1021/acs.analchem.6b02520

PMID: 27690389

Type of production: Scientific paper

Format: Journal

Position of signature: 5

Total no. authors: 6

Corresponding author: Yes

- 145** Lluís Pascual Vidal; Inmaculada Campos Sánchez; José Luís Vivancos Bono; Guillermo Quintás; Alba Loras Monfort; María Carmen Martínez Bisbal; Ramón Martínez Mañez; Francisco Boronat Tormo; JL RUIZ CERDÁ. Detection of prostate cancer using a voltammetric electronic tongue. *The Analyst*. 141, pp. 4562 - 4567. 2016. ISSN 0003-2654. DOI: 10.1039/C6AN01044J

Type of production: Scientific paper

Format: Journal

- 146** Oscar García; Natalia Moreno-Arrones; Andrés Bravo Cuesta; Ana Gutierrez; Pedro Alou; Jesús Angel Oliver; José Antonio Cobos; Javier Uceda; Elena Aznar Gimeno; Ramón Martínez Mañez; Cristina Sánchez; Oscar E. Casanova; José Javier Serrano Olmedo; FRANCISCO DEL POZO. Development and Testing of a New Instrument for Researching on Cancer Treatment Technologies Based on Magnetic Hyperthermia. *IEEE Journal of Emerging and Selected Topics in Power Electronics*. 4, pp. 243 - 251. 2016. ISSN 2168-6777. DOI: 10.1109/JESTPE.2015.2479092

Type of production: Scientific paper

Format: Journal

- 147** Edgar Pérez Esteve; María Ruiz Rico; Cristina De la Torre Paredes; Luis Angel Villaescusa Alonso; Félix Sancenón Galarza; María Dolores Marcos Martínez; PEDRO AMOROS DEL TORO; Ramón Martínez Mañez; José Manuel Barat Baviera. Encapsulation of folic acid in different silica porous supports: A comparative study. *Food Chemistry*. 196, pp. 66 - 75. 2016. ISSN 0308-8146. DOI: 10.1016/j.foodchem.2015.09.017

Type of production: Scientific paper

Format: Journal

- 148** Edgar Pérez Esteve; María Ruiz Rico; Ana Fuentes López; María Dolores Marcos Martínez; Félix Sancenón Galarza; Ramón Martínez Mañez; José Manuel Barat Baviera. Enrichment of stirred yogurts with folic acid encapsulated in pH-responsive mesoporous silica particles: Bioaccessibility modulation and physico-chemical characterization. *LWT - Food Science and Technology*. pp. 351 - 360. 2016. ISSN 0023-6438. DOI: doi:10.1016/j.lwt.2016.04.061

Type of production: Scientific paper

Format: Journal

- 149** Elena Aznar Gimeno; María del Mar Oroval Cucarella; Lluís Pascual Vidal; José Ramón Murguía Ibáñez; Ramón Martínez Mañez; Félix Sancenón Galarza. Gated materials for on-command release of guest molecules. *Chemical Reviews*. 116, pp. 561 - 718. 2016. ISSN 0009-2665. DOI: 10.1021/acs.chemrev.5b00456

Type of production: Scientific paper

Format: Journal

- 150** Ángela Ribes Mompalmer; Elisabet Xifre Perez; Elena Aznar Gimeno; Félix Sancenón Galarza; María Teresa Pardo Vicente; Lluís F. Marsal; Ramón Martínez Mañez. Molecular gated nanoporous anodic alumina for the detection of cocaine. *Scientific Reports*. 6, 2016. ISSN 2045-2322. DOI: 10.1038/srep38649

Type of production: Scientific paper

Format: Journal

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Type of production: Scientific paper

Format: Journal

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Type of production: Scientific paper

Format: Journal

- 153** A Tukappa; Amelia Ultimo; Cristina De la Torre Paredes; María Teresa Pardo Vicente; Félix Sancenón Galarza; Ramón Martínez Mañez. Polyglutamic Acid-Gated Mesoporous Silica Nanoparticles for Enzyme-Controlled Drug Delivery. Langmuir. 32, pp. 8507 - 8515. 2016. ISSN 0743-7463

Type of production: Scientific paper

Format: Journal

- 154** María Ruiz Rico; Hanna Daubenschütz; Edgar Pérez Esteve; María Dolores Marcos Martínez; Pedro Amorós; Ramón Martínez Mañez; José Manuel Barat Baviera. Protective effect of mesoporous silica particles on encapsulated folates. European Journal of Pharmaceutics and Biopharmaceutics. 105, pp. 9 - 17. 2016. ISSN 0939-6411. DOI: doi:10.1016/j.ejpb.2016.05.016

Type of production: Scientific paper

Format: Journal

- 155** MÓNICA GORBE MOYA; Ravishankar Bhat; Elena Aznar Gimeno; Félix Sancenón Galarza; María Dolores Marcos Martínez; Francisco Javier Herraiz García; Jaime Prohens Tomás; Abbaraju Venkataraman; Ramón Martínez Mañez. Rapid biosynthesis of silver nanoparticles using pepino (*Solanum muricatum*) leaf extract and their cytotoxicity on HeLa cells. Materials. 9, pp. 1 - 15. 2016. ISSN 1996-1944. DOI: 10.3390/ma9050325

Type of production: Scientific paper

Format: Journal

- 156** Beatriz Lozano Torres; SAMEH EL SAYED SHEHATA NASR; ANA MARIA COSTERO NIETO; SALVADOR GIL GRAU; MARGARITA PARRA ALVAREZ; Ramón Martínez Mañez; Félix Sancenón Galarza. Selective and Sensitive Chromogenic Detection of Trivalent Metal Cations in Water. Bulletin of the Chemical Society of Japan. 89, pp. 498 - 500. 2016. ISSN 0009-2673. DOI: 10.1246/bcsj.20150416

Type of production: Scientific paper

Format: Journal

- 157** MARIA LO PRESTI; SAMEH EL SAYED SHEHATA NASR; Ramón Martínez Mañez; ANA MARIA COSTERO NIETO; SALVADOR GIL GRAU; MARGARITA PARRA ALVAREZ; Félix Sancenón Galarza. Selective chromo-fluorogenic detection of trivalent cations in aqueous environments using a dehydration reaction. New Journal of Chemistry. 40, pp. 9042 - 9045. 2016. ISSN 1144-0546. DOI: 10.1039/c6nj01957a

Type of production: Scientific paper

Format: Journal

- 158** L.A. JUAREZ; Elena Añón; Cristina Giménez Morales; Félix Sancenón Galarza; Ramón Martínez Mañez; ANA MARIA COSTERO NIETO; Pablo Gaviña Costero; MARGARITA PARRA ALVAREZ; Andrea Bernardos Bau. Self-Immolative Linkers as Caps for the Design of Gated Silica Mesoporous Supports. Chemistry - A European Journal. 22, pp. 14126 - 14130. 2016. ISSN 0947-6539

Type of production: Scientific paper

Format: Journal

- 159** Edgar Pérez Esteve; María Ruiz Rico; Cristina De la Torre Paredes; M^a Empar Llorca Martínez; Félix Sancenón Galarza; María Dolores Marcos Martínez; PEDRO AMOROS DEL TORO; CARMEN GUILLEN VILLAR; Ramón Martínez Mañez; José Manuel Barat Baviera. Stability of different mesoporous silica particles during an in vitro digestion. Microporous and Mesoporous Materials. 230, pp. 196 - 207. 2016. ISSN 1387-1811. DOI: 10.1016/j.micromeso.2016.05.004

Type of production: Scientific paper

Format: Journal

- 160** Alejandra Mina Rosales; Elena Aznar Gimeno; M^a Carmen Coll Merino; Rubén A. García Mendoza; A. Lorena Urbano Bojorge; Nazario Félix González; Ramón Martínez Mañez; FRANCISCO DEL POZO GUERRERO; José Javier Serrano Olmedo. Study of the dependency of the specific power absorption rate on several characteristics of the excitation magnetic signal when irradiating a SPION-containing ferrofluid. Journal of Magnetism. 21, pp. 460 - 467. 2016. ISSN 1226-1750. DOI: 10.4283/JMAG.2016.21.3.460

Type of production: Scientific paper

Format: Journal

- 161** María del Mar Oroval Cucarella; Marc Coronado Puchau; Judith Langer; Marta Norah Sanz Ortiz; Ángela Ribes Momparder; Elena Aznar Gimeno; M^a Carmen Coll Merino; María Dolores Marcos Martínez; Félix Sancenón Galarza; L.M. LIZ-MARZÁN; Ramón Martínez Mañez. Surface Enhanced Raman Scattering and Gated Materials for Sensing Applications: The Ultrasensitive Detection of Mycoplasma and Cocaine. *Chemistry - A European Journal*. 22, pp. 13488 - 13495. 2016. ISSN 0947-6539
Type of production: Scientific paper **Format:** Journal
- 162** Amelia Ultimo; Cristina Giménez Morales; Pavel Bartovsky .; Elena Aznar Gimeno; Félix Sancenón Galarza; María Dolores Marcos Martínez; PEDRO AMOROS DEL TORO; Ana R. Bernardo; Ramón Martínez Mañez; Ana M. Jiménez Lara; José Ramón Murguía Ibáñez. Targeting Innate Immunity with dsRNA-Conjugated Mesoporous Silica Nanoparticles Promotes Antitumor Effects on Breast Cancer Cells. *Chemistry - A European Journal*. 22, pp. 1582 - 1586. 2016. ISSN 0947-6539. DOI: 10.1002/chem.201504629
Type of production: Scientific paper **Format:** Journal
- 163** Ravishankar Bhat; Ángela Ribes Momparder; Nuria Mas Font; Elena Aznar Gimeno; Félix Sancenón Galarza; María Dolores Marcos Martínez; José Ramón Murguía Ibáñez; Abbaraju Venkataraman; Ramón Martínez Mañez. Thrombin-Responsive Gated Silica Mesoporous Nanoparticles As Coagulation Regulators. *Langmuir*. 32, pp. 1195 - 1200. 2016. ISSN 0743-7463. DOI: 10.1021/acs.langmuir.5b04038
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Format: Journal

- 218** Cristina De la Torre Paredes; Ramón Martínez Mañez; Laura Mondragón Martínez; Alessandro Agostini .; Félix Sancenón Galarza; María Dolores Marcos Martínez; PEDRO AMOROS DEL TORO; Mar Orzaez; ENRIQUE PEREZ PAYA. Temperature-controlled release by changes in the secondary structure of peptides anchored onto mesoporous silica supports. Chemical Communications. 50, pp. 3184 - 3186. 2014. ISSN 1359-7345. DOI: [10.1039/c3cc49421g](https://doi.org/10.1039/c3cc49421g)

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Type of production: Scientific paper

Format: Journal

- 221** Cristina Giménez Morales; Estela Climent Terol; Elena Aznar Gimeno; Ramón Martínez Mañez; Félix Sancenón Galarza; María Dolores Marcos Martínez; PEDRO AMOROS DEL TORO; K. RURACK. Towards Chemical Communication between Gated Nanoparticles. *Angewandte Chemie International Edition*. 53, pp. 12629 - 12633. 2014. Available on-line at: <DOI: 10.1002/anie.201405580>. ISSN 1433-7851
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- 222** Nuria Mas Font; Daniel Arcos; Lorena Polo Aguado; Elena Aznar Gimeno; Sandra Sánchez Salcedo; Félix Sancenón Galarza; Ana García; María Dolores Marcos Martínez; Alejandro Baeza; María Vallet Regí; Ramón Martínez Mañez. Towards the Development of Smart 3D "Gated Scaffolds" for On-Command Delivery. *Small*. 10, pp. 4859 - 4864. 2014. ISSN 1613-6810. DOI: 10.1002/smll.201401227
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- 223** Patricia Zaragoza Torres; JL RUIZ CERDÁ; Guillermo Quintás; SALVADOR GIL GRAU; ANA MARIA COSTERO NIETO; Zacarías León; José Luis Vivancos Bono; Ramón Martínez Mañez. Towards the potential use of (1)H NMR spectroscopy in urine samples for prostate cancer detection. *The Analyst*. 139, pp. 3875 - 3878. 2014. ISSN 0003-2654. DOI: 10.1039/c4an00690a
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- 225** Cristina Giménez Morales; Estela Climent Terol; Elena Aznar Gimeno; Ramón Martínez Mañez; Félix Sancenón Galarza; María Dolores Marcos Martínez; PEDRO AMOROS DEL TORO; K. RURACK. Über den chemischen Informationsaustausch zwischen gesteuerten Nanopartikeln. *Angewandte Chemie*. 126, pp. 12838 - 12843. 2014. ISSN 1521-3757. DOI: 10.1002/ange.201405580
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- 227** Román Bataller Prats; Miguel Alcañiz Fillol; Inmaculada Campos Sánchez; Luís Gil Sánchez; Eduardo García Breijo; Ramón Martínez Mañez; Lluís Pascual Vidal; Juan Soto Camino; José Luis Vivancos Bono. A humid electronic nose based on pulse voltammetry: A proof-of-concept design. *Sensors and Actuators B Chemical*. 186, pp. 666 - 673. 2013. ISSN 0925-4005. DOI: <http://dx.doi.org/10.1016/j.snb.2013.06.033>
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- 228** SAMEH EL SAYED SHEHATA NASR; Cristina De la Torre Paredes; Luis Enrique Santos Figueroa; Enrique Pérez Payá; Ramón Martínez Mañez; Félix Sancenón Galarza; ANA MARIA COSTERO NIETO; MARGARITA PARRA ALVAREZ; SALVADOR GIL GRAU. A new fluorescent $\square$ turn-on $\square$ chemodosimeter for the detection of hydrogen sulfide in water and living cells. *RSC Advances*. 3, pp. 25690 - 25693. 2013. ISSN 2046-2069. DOI: 10.1039/C3RA45822A
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Date of event: 19/11/2020

Eva María Garrido García; María Alfonso Navarro; Borja Díaz de Greñu Puertas; María Dolores Marcos Martínez; ANA MARIA COSTERO NIETO; SALVADOR GIL GRAU; Félix Sancenón Galarza; Ramón Martínez Mañez. pp. null - null.

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Date of event: 25/10/2019

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Name of the conference: IX Reunión de Química Orgánica del Mediterráneo (IX REQOMED)

City of event: Murcia, España,

Date of event: 25/10/2019

Beatriz Lozano Torres; Juan Francisco Blandez Barradas; Ramón Martínez Mañez; Félix Sancenón Galarza. pp. 40 - 40.

- 9** **Title of the work:** In search of vascular senescent cells
Name of the conference: VII International Congress on Research and Innovation in Neurodegenerative Diseases (CIIEN 2019)
City of event: Valencia, Spain,
Date of event: 20/09/2019
Sara Rojas Vázquez; Beatriz Lozano Torres; María Salomé Sirerol; Isabel Fariñas; Ramón Martínez Mañez. pp. null - null.
- 10** **Title of the work:** A new two-photon fluorescent probe for in vivo senescent cells detection
Name of the conference: International Symposium on Dyes & Pigments
City of event: Seville, Spain,
Date of event: 11/09/2019
Juan Francisco Blandez Barradas; Beatriz Lozano Torres; Irene Galiana Guillem; Mar Orzaez; Félix Sancenón Galarza; Ramón Martínez Mañez. pp. null - null.
- 11** **Title of the work:** Lipofuscin labelling through biorthogonal strain-promoted azide-alkyne cycloaddition for the detection of senescent cells in tissues
Name of the conference: International Symposium on Dyes & Pigments
City of event: Seville, Spain,
Date of event: 11/09/2019
Beatriz Lozano Torres; Juan Francisco Blandez Barradas; Félix Sancenón Galarza; Ramón Martínez Mañez. pp. null - null.
- 12** **Title of the work:** DEVELOPMENT OF A NEW INTELLIGENT ENCAPSULATION SYSTEM OF PYRETHROIDS AGAINST THE FRUIT FLY "ATAECINA"
Name of the conference: XIII International Workshop on Sensors and Molecular Recognition (IWOSMOR 2019)
City of event: Valencia, Spain,
Date of event: 05/07/2019
Eva María Garrido García; Andrea Bernardos Bau; Sandra Vacas González; Vicente Navarro Llopis; Ramón Martínez Mañez. "XIII International Workshop on Sensors and Molecular Recognition. Book of articles". pp. null - null.
- 13** **Title of the work:** Development of Chemical Communication Channels between Living Systems and Abiotic Nanoparticles
Name of the conference: XIII International Workshop on Sensors and Molecular Recognition (IWOSMOR 2019)
City of event: Valencia, Spain,
Date of event: 05/07/2019
Beatriz de Luis Fernández; Paola Rincón; Antoni Llopis Lorente; José Gadea Vacas; Félix Sancenón Galarza; Elena Aznar Gimeno; José Ramón Murguía Ibáñez; Ramón Martínez Mañez. "XIII International Workshop on Sensors and Molecular Recognition. Book of articles". pp. null - null.
- 14** **Title of the work:** In search of vascular senescent cells
Name of the conference: XIII International Workshop on Sensors and Molecular Recognition (IWOSMOR 2019)
City of event: Valencia, Spain,
Date of event: 05/07/2019
Sara Rojas Vázquez; Beatriz Lozano Torres; Laura Blasco; María Salomé Sirerol; Isabel Fariñas; Ramón Martínez Mañez. "XIII International Workshop on Sensors and Molecular Recognition. Book of articles". pp. null - null.



- 15** **Title of the work:** MESOPOROUS SILICA PARTICLES LOADED WITH ESSENTIAL OIL COMPONENTS FOR SELECTIVE DELIVERY IN SMALL INTESTINE: AN ANTI-INFLAMMATORY APPLICATION
Name of the conference: XIII International Workshop on Sensors and Molecular Recognition (IWOSMOR 2019)
City of event: Valencia, Spain,
Date of event: 05/07/2019
Elisa Poyatos Racionero; Paola Sánchez Moreno; Leopoldo Sitia; Pier Paolo Pompa; Elena Aznar Gimeno; María Dolores Marcos Martínez; Ramón Martínez Mañez; Andrea Bernardos Bau. "XIII International Workshop on Sensors and Molecular Recognition. Book of articles". pp. null - null.
- 16** **Title of the work:** IMPROVED CHEMICAL COMMUNICATION AMONG A SELF-PROPELLED GATED-NANOMOTOR AND A GATED-NANOPARTICLE
Name of the conference: XIII International Workshop on Sensors and Molecular Recognition (IWOSMOR 2019)
City of event: Valencia, Spain,
Date of event: 05/07/2019
Andrea Escudero Noguera; Paula Diez Sánchez; Beatriz de Luis Fernández; Elena Abellán Abad; Ramón Martínez Mañez. "XIII International Workshop on Sensors and Molecular Recognition. Book of articles". pp. null - null.
- 17** **Title of the work:** NEW DERMOCOSMETIC FORMULATION OF HIGH SUN PROTECTION CONTAINING HESPERETIN AND OMEGA-3 ACID "SAFETAN"
Name of the conference: XIII International Workshop on Sensors and Molecular Recognition (IWOSMOR 2019)
City of event: Valencia, Spain,
Date of event: 05/07/2019
Eva María Garrido García; Andrea Bernardos Bau; Ramón Martínez Mañez. "XIII International Workshop on Sensors and Molecular Recognition. Book of articles". pp. null - null.
- 18** **Title of the work:** New Nile blue loaded mesoporous silica nanoparticles for in vivo and real time senescent cells detection
Name of the conference: XIII International Workshop on Sensors and Molecular Recognition (IWOSMOR 2019)
City of event: Valencia, Spain,
Date of event: 05/07/2019
Juan Francisco Blandez Barradas; Beatriz Lozano Torres; Irene Galiana Guillem; María Alfonso Navarro; Mar Orzaez; Ramón Martínez Mañez; Félix Sancenón Galarza. "XIII International Workshop on Sensors and Molecular Recognition. Book of articles". pp. 104 - 108.
- 19** **Title of the work:** New two-photon fluorescent probe for senescent cells detection in an in vivo breast cancer model
Name of the conference: XIII International Workshop on Sensors and Molecular Recognition (IWOSMOR 2019)
City of event: Valencia, Spain,
Date of event: 05/07/2019
Beatriz Lozano Torres; Juan Francisco Blandez Barradas; Irene Galiana Guillem; Félix Sancenón Galarza; Ramón Martínez Mañez. "XIII International Workshop on Sensors and Molecular Recognition. Book of articles". pp. 143 - 147.
- 20** **Title of the work:** Selective targeting of endothelial senescence cells with mesoporous silica nanoparticles
Name of the conference: XIII International Workshop on Sensors and Molecular Recognition (IWOSMOR 2019)
City of event: Valencia, Spain,

Date of event: 05/07/2019

Alejandra Estepa Fernández; María Alfonso Navarro; Félix Sancenón Galarza; Ramón Martínez Mañez; Mar Orzaez. "XIII International Workshop on Sensors and Molecular Recognition. Book of articles". pp. null - null.

- 21 Title of the work:** Development and characterization of electrospun antimicrobial films of poly(3-hydroxybutyrate-co-3-hydroxyvalerate) containing eugenol essential oil encapsulated in mesoporous silica nanoparticles

Name of the conference: X Congreso Nacional de Jóvenes Investigadores en Polímeros (JIP 2019)

City of event: Burgos,

Date of event: 23/05/2019

BEATRIZ MELÉNDEZ RODRÍGUEZ; KELLY JOHANA FIGUEROA LÓPEZ; Andrea Bernardos Bau; Ramón Martínez Mañez; Luis Cabedo Mas; Sergio Torres Giner; José María Lagaron Cabello. pp. 73 - 75.

- 22 Title of the work:** Co-delivery of navitoclax and the Mcl-1 inhibitor S63845 by mesoporous silica nanoparticles for triple negative breast cancer treatment

Name of the conference: III Congreso Nacional de Jóvenes Investigadores en Biomedicina

City of event: Valencia, España,

Date of event: 26/04/2019

GEMA VIVO LLORCA; Mar Orzaez; VICENTE CANDELA NOGUERA; MÓNICA SANCHO MEDINA; María Alfonso Navarro; José Ramón Murguía Ibáñez; Ramón Martínez Mañez. pp. 0 - 0.

- 23 Title of the work:** Mesoporous silica nanoparticles to induce senescence in breast cancer cells

Name of the conference: III Congreso Nacional de Jóvenes Investigadores en Biomedicina. National Congress of Young Researchers in Biomedicine

City of event: Valencia, España,

Date of event: 26/04/2019

Alejandra Estepa Fernández; VICENTE CANDELA NOGUERA; Félix Sancenón Galarza; Ramón Martínez Mañez; Mar Orzaez. pp. null - null.

- 24 Title of the work:** Powered Janus Pt-Mesoporous Silica Nanoparticles Capable of Autonomous Motion As A New Controlled Delivery System

Name of the conference: III Congreso Nacional de Jóvenes Investigadores en Biomedicina. National Congress of Young Researchers in Biomedicine

City of event: Valencia, España,

Date of event: 26/04/2019

Paula Díez Sánchez; Elena Lucena Sánchez; Andrea Escudero Noguera; Ramón Martínez Mañez; Mar Orzaez. pp. null - null.

- 25 Title of the work:** Use of nanoparticles for detection and clearance of senescent cells

Name of the conference: II Simposio de la Red Española de Neurogénesis Adulta

City of event: Valencia, Spain,

Date of event: 28/03/2019

Sara Rojas Vázquez; María Alfonso Navarro; María Salomé Sirerol; Isabel Fariñas; Ramón Martínez Mañez. pp. null - null.

- 26 Title of the work:** A novel marker for cellular senescence detection?

Name of the conference: Reunión Anual Red de Terapia Celular (TERCEL 2018)

City of event: Pamplona, Spain,

Date of event: 23/11/2018

Sara Rojas Vázquez; Isabel Fariñas; María Salomé Sirerol; ANA MARIA COSTERO NIETO; Ramón Martínez Mañez. pp. null - null.

- 27** **Title of the work:** Use of nanoparticles for detection and clearance of senescent cells
Name of the conference: Reunión Anual Red de Terapia Celular (TERCEL 2018)
City of event: Pamplona, Spain,
Date of event: 23/11/2018
Sara Rojas Vázquez; María Alfonso Navarro; María Salomé Sirerol; Isabel Fariñas; Ramón Martínez Mañez. pp. null - null.
- 28** **Title of the work:** A novel marker for cellular senescence detection?
Name of the conference: XII International Workshop on Sensors and Molecular Recognition (IWOSMOR 2018)
City of event: Burjassot, Spain,
Date of event: 06/07/2018
Sara Rojas Vázquez; María Salomé Sirerol; Isabel Fariñas; ANA MARIA COSTERO NIETO; Ramón Martínez Mañez. "XII International Workshop on Sensors and Molecular Recognition.". pp. null - null. Universitat de Valencia,
- 29** **Title of the work:** Antibody capped mesoporous silica nanoparticles for the selective fluorogenic detection of psychedelic drug 25I-NBOMe
Name of the conference: XII International Workshop on Sensors and Molecular Recognition (IWOSMOR 2018)
City of event: Burjassot, Spain,
Date of event: 06/07/2018
Eva María Garrido García; María Alfonso Navarro; Borja Díaz de Greñu Puertas; María Dolores Marcos Martínez; Ramón Martínez Mañez; Félix Sancenón Galarza. "XII International Workshop on Sensors and Molecular Recognition.". pp. null - null. Universitat de Valencia,
- 30** **Title of the work:** Biorthogonal strain-promoted azide-alkyne cycloaddition for the fluorescent detection of senescent cells through lipofuscin labelling.
Name of the conference: XII International Workshop on Sensors and Molecular Recognition (IWOSMOR 2018)
City of event: Burjassot, Spain,
Date of event: 06/07/2018
Beatriz Lozano Torres; Juan Francisco Blandez Barradas; Irene Galiana Guillem; Félix Sancenón Galarza; Ramón Martínez Mañez. "XII International Workshop on Sensors and Molecular Recognition.". pp. 87 - 87. Universitat de Valencia,
- 31** **Title of the work:** Biotransporting nanofactories for on-command prodrug release and activation
Name of the conference: XII International Workshop on Sensors and Molecular Recognition (IWOSMOR 2018)
City of event: Burjassot, Spain,
Date of event: 06/07/2018
Beatriz de Luis Fernández; Antoni Llopis Lorente; Félix Sancenón Galarza; Ramón Martínez Mañez. "XII International Workshop on Sensors and Molecular Recognition.". pp. 238 - 242. Universitat de Valencia,
- 32** **Title of the work:** In vivo synthesis of a senolytic drug using a biorthogonal reaction catalyzed with heterogeneous copper nanoparticles
Name of the conference: XII International Workshop on Sensors and Molecular Recognition (IWOSMOR 2018)
City of event: Burjassot, Spain,
Date of event: 06/07/2018

Juan Francisco Blandez Barradas; Beatriz Lozano Torres; Irene Galiana Guillem; Félix Sancenón Galarza; Ramón Martínez Mañez. "XII International Workshop on Sensors and Molecular Recognition.". pp. 124 - 124. Universitat de Valencia,

- 33** **Title of the work:** Interaction study between ppo and mesoporous silica nanoparticles with diverse functionalization
Name of the conference: XII International Workshop on Sensors and Molecular Recognition (IWOSMOR 2018)
City of event: Burjassot, Spain,
Date of event: 06/07/2018
SARA MUÑOZ PINA; José Vicente Ros Lis; Angel Luís Argüelles Foix; Ramón Martínez Mañez; Ana María Andrés Grau. "XII International Workshop on Sensors and Molecular Recognition.". pp. 68 - 70. Universitat de Valencia,
- 34** **Title of the work:** Janus gold nanostars-mesoporous silica nanoparticles for NIR light triggered drug delivery by photodissociation of 2-nitrobenzyl derivative
Name of the conference: XII International Workshop on Sensors and Molecular Recognition (IWOSMOR 2018)
City of event: Burjassot, Spain,
Date of event: 06/07/2018
ANDY HERNÁNDEZ MONTOTO; Antoni Llopis Lorente; MÓNICA GORBE MOYA; JOSÉ MANUEL TERRÉS HARO; ROBERTO MONTES ROBLES; Roberto Cao Milán; Borja Díaz de Greñu Puertas; María Alfonso Navarro; María Dolores Marcos Martínez; Mar Orzaez; Reynaldo Villalonga; Ramón Martínez Mañez; Félix Sancenón Galarza. "XII International Workshop on Sensors and Molecular Recognition.". pp. 160 - 164. Universitat de Valencia,
- 35** **Title of the work:** MESOPOROUS SILICA NANOPARTICLES FOR THE TREATMENT OF NAVITOCCLAX RESISTANT TRIPLE NEGATIVE BREAST CANCER
Name of the conference: XII International Workshop on Sensors and Molecular Recognition (IWOSMOR 2018)
City of event: Burjassot, Spain,
Date of event: 06/07/2018
GEMA VIVO LLORCA; Alba García Fernández; Danya Bandeira Lima; Félix Sancenón Galarza; Ramón Martínez Mañez; Mar Orzaez. "XII International Workshop on Sensors and Molecular Recognition.". pp. 54 - 57. Universitat de Valencia,
- 36** **Title of the work:** NOVEL N,N-DIPHENYLANILINO- HETEROCYCLIC ALDEHYDES BASED CHEMOSENSORS FOR UV-VIS/NIR Cu(II) DETECTION
Name of the conference: XII International Workshop on Sensors and Molecular Recognition (IWOSMOR 2018)
City of event: Burjassot, Spain,
Date of event: 06/07/2018
Hazem Essam Elsayed Moham Okda; Ramón Martínez Mañez; Félix Sancenón Galarza; M. Manuela M. Raposo. "XII International Workshop on Sensors and Molecular Recognition.". pp. 70 - 70. Universitat de Valencia,
- 37** **Title of the work:** Nanosensor based on enzyme-mediated labelled-oligonucleotide release from Au-mesoporous silica nanoparticles for the fluorometric detection of urea
Name of the conference: XII International Workshop on Sensors and Molecular Recognition (IWOSMOR 2018)
City of event: Burjassot, Spain,
Date of event: 06/07/2018

Antoni Llopis Lorente; REYNALDO VILLALONGA; Ramón Martínez Mañez; Félix Sancenón Galarza. "XII International Workshop on Sensors and Molecular Recognition.". pp. 0 - 0. Universitat de Valencia,

- 38 Title of the work:** Near infrared light triggered photoactivation of doxorubicin prodrugs by multiphoton molecular dissociation of 2-nitrobenzyl photolabile linker using gold nanostars
Name of the conference: XII International Workshop on Sensors and Molecular Recognition (IWOSMOR 2018)
City of event: Burjassot, Spain,
Date of event: 06/07/2018
MÓNICA GORBE MOYA; ANDY HERNÁNDEZ MONTOTO; JOSÉ MANUEL TERRÉS HARO; ROBERTO MONTES ROBLES; Roberto Cao Milán; Borja Díaz de Greñu Puertas; María Alfonso Navarro; María Dolores Marcos Martínez; Mar Orzaez; Félix Sancenón Galarza; Ramón Martínez Mañez. "XII International Workshop on Sensors and Molecular Recognition.". pp. 165 - 171. Universitat de Valencia,
- 39 Title of the work:** OLEIC ACID AS MOLECULAR GATE FOR MESOPOROUS SILICA PARTICLES WITH DIFFERENT POROUS SIZES
Name of the conference: XII International Workshop on Sensors and Molecular Recognition (IWOSMOR 2018)
City of event: Burjassot, Spain,
Date of event: 06/07/2018
Elisa Poyatos Racionero; Edgar Pérez Esteve; Andrea Bernardos Bau; Elena Aznar Gimeno; María Dolores Marcos Martínez; Ramón Martínez Mañez. "XII International Workshop on Sensors and Molecular Recognition.". pp. null - null. Universitat de Valencia,
- 40 Title of the work:** PROTOCELLS SKIN PERMEABILITY: A FIRST STEP TO DEVELOP A NOVEL ANTI-AGING NANOSYSTEM
Name of the conference: XII International Workshop on Sensors and Molecular Recognition (IWOSMOR 2018)
City of event: Burjassot, Spain,
Date of event: 06/07/2018
ADRIÁN HERNÁNDEZ TERUEL; Isabel Gonzalez-Alvarez; VIRGINIA MERINO SANJUÁN; Félix Sancenón Galarza; Ramón Martínez Mañez; marta Gonzalez-Alvarez. "XII International Workshop on Sensors and Molecular Recognition.". pp. 265 - 269. Universitat de Valencia,
- 41 Title of the work:** Selective targeting and elimination of endothelial senescent cells with mesoporous silica nanoparticles
Name of the conference: XII International Workshop on Sensors and Molecular Recognition (IWOSMOR 2018)
City of event: Burjassot, Spain,
Date of event: 06/07/2018
Alejandra Estepa Fernández; Félix Sancenón Galarza; María Alfonso Navarro; Ramón Martínez Mañez; Mar Orzaez. "XII International Workshop on Sensors and Molecular Recognition.". pp. 0 - 0. Universitat de Valencia,
- 42 Title of the work:** Study of internalization pathways of mesoporous silica nanoparticles in human breast cancer cells
Name of the conference: XII International Workshop on Sensors and Molecular Recognition (IWOSMOR 2018)
City of event: Burjassot, Spain,
Date of event: 06/07/2018
IRIS GARRIDO CANO; VICENTE CANDELA NOGUERA; Guadalupe Herrera; Ana Lluch; Ramón Martínez Mañez; Pilar Eroles. "XII International Workshop on Sensors and Molecular Recognition.". pp. null - null. Universitat de Valencia,

43 Title of the work: EVALUATING THE EFFECTS OF ENDOTHELIAL SENESENCE

Name of the conference: III Encuentro de Investigadores en Cáncer de la Comunidad Valenciana ?Ciutat d'Alcoi?

City of event: Alcoi, España,

Date of event: 20/04/2018

Alejandra Estepa Fernández; Mónica Sancho; Ramón Martínez Mañez; Mar Orzaez. pp. 0 - 0.

44 Title of the work: TARGETING SENESENCE CELLS: A NOVEL STRATEGY TO SELECTIVELY KILL SENESENCE CELLS

Name of the conference: III Encuentro de Investigadores en Cáncer de la Comunidad Valenciana ?Ciutat d'Alcoi?

City of event: Alcoy, Spain,

Date of event: 20/04/2018

Irene Galiana Guillem; Daniel Muñoz-Espín; Beatriz Lozano Torres; Cristina Giménez Morales; Andrea Bernardos Bau; Miguel Rovira; Susana Llanos; Selim Chaib; Maribel Muñoz; Álvaro C. Ucero; José Ramón Murguía Ibáñez; Manuel Serrano; Ramón Martínez Mañez. pp. 0 - 0.

45 Title of the work: Colon drug delivery systems: Magnetic mesoporous silica microparticles capped with azoderivative molecules

Name of the conference: 2nd International Caparica Christmas Conference on Translational Chemistry (IC3TC 2017)

City of event: Caparica, Portugal,

Date of event: 07/12/2017

ADRIÁN HERNÁNDEZ TERUEL; M^a Carmen Coll Merino; Marta Gonzalez Alvarez; Isabel Gonzalez-Alvarez; VIRGINIA MERINO SANJUÁN; Félix Sancenón Galarza; Ramón Martínez Mañez. "2nd IC3TC 2017 Proceedings Book". pp. 195 - 253. Bioscope Group,

46 Title of the work: Enzyme-responsive mesoporous silica nanoparticles for the controlled release of essential oils

Name of the conference: 2nd International Caparica Christmas Conference on Translational Chemistry (IC3TC 2017)

City of event: Caparica, Portugal,

Date of event: 07/12/2017

Andrea Bernardos Bau; Pavel Kloucek; Matej Bozik; Edgar Pérez Esteve; Adela Frankova; José Manuel Barat Baviera; Ramón Martínez Mañez. "2nd IC3TC 2017 Proceedings Book". pp. 138 - 138. Bioscope Group,

47 Title of the work: Gated materials for advanced biomedical applications

Name of the conference: 2nd International Caparica Christmas Conference on Translational Chemistry (IC3TC 2017)

City of event: Caparica, Portugal,

Date of event: 07/12/2017

Ramón Martínez Mañez. "2nd IC3TC 2017 Proceedings Book". pp. 0 - 0. Bioscope Group,

48 Title of the work: Smart Nanoparticles Communication for Enhanced Chemotherapeutic Treatments

Name of the conference: 2nd International Caparica Christmas Conference on Translational Chemistry (IC3TC 2017)

City of event: Caparica, Portugal,

Date of event: 07/12/2017

Amelia Ultimo; Cristina Giménez Morales; M^a Carmen Coll Merino; Félix Sancenón Galarza; María Dolores Marcos Martínez; José Ramón Murguía Ibáñez; Ramón Martínez Mañez. "2nd IC3TC 2017 Proceedings Book". pp. 0 - 0. Bioscope Group,

- 49 Title of the work:** Evaluating the effects of endothelial senescence
Name of the conference: II Congreso Nacional de Jóvenes Investigadores en Biomedicina
City of event: Valencia, España,
Date of event: 24/11/2017
Alejandra Estepa Fernández; Ramón Martínez Mañez; Mar Orzaez. "Book of Abstracts". pp. 135 - 135.
- 50 Title of the work:** Halogen-containing BODIPY derivatives for photodynamic therapy
Name of the conference: II Congreso Nacional de Jóvenes Investigadores en Biomedicina. IV Congreso de Biomedicina Predocs Valencia
City of event: Valencia, España,
Date of event: 24/11/2017
MÓNICA GORBE MOYA; RAFAEL BALLESTEROS; ANA MARIA COSTERO NIETO; José Ramón Murguía Ibáñez; Félix Sancenón Galarza; Ramón Martínez Mañez. pp. 0 - 0.
- 51 Title of the work:** MESOPOROUS SILICA NANOPARTICLES FOR THE EFFICIENT CO-DELIVERY OF DRUGS AND CRISPR-CAS9 FOR GENOME EDITING
Name of the conference: II Congreso Nacional Biomedicina Jóvenes Investigadores. IV Congreso Biomedicina Predocs Valencia
City of event: Valencia, España,
Date of event: 24/11/2017
Alba García Fernández; GEMA VIVO LLORCA; MÓNICA SANCHO MEDINA; Alicia García Jareño; Félix Sancenón Galarza; José Ramón Murguía Ibáñez; Ramón Martínez Mañez; Mar Orzaez. pp. 0 - 0.
- 52 Title of the work:** Mesoporous silica nanoparticles as new multifunctional nanodevices for drug delivery and genome editing of resistance genes in cancer
Name of the conference: II Congreso Nacional Biomedicina Jóvenes Investigadores. IV Congreso Biomedicina Predocs Valencia
City of event: Valencia, España,
Date of event: 24/11/2017
GEMA VIVO LLORCA; Alba García Fernández; MÓNICA SANCHO MEDINA; Alicia García Jareño; Félix Sancenón Galarza; José Ramón Murguía Ibáñez; Ramón Martínez Mañez; Mar Orzaez. pp. 0 - 0.
- 53 Title of the work:** Senescent-associated nanoparticles as therapeutic derivatives
Name of the conference: NanoBio&Med2017
City of event: Barcelona, Spain,
Date of event: 24/11/2017
Andrea Bernardos Bau; Irene Galiana Guillem; María Alfonso Navarro; Beatriz Lozano Torres; Borja Díaz de Greñu Puertas; Daniel Muñoz; Miguel Rovira; José Ramón Murguía Ibáñez; Manuel Serrano; Timothy Cash; Marc Ramis; Ramón Martínez Mañez. pp. 0 - 0.
- 54 Title of the work:** Targeting senescent cells: a novel strategy to selectively kill senescent cells
Name of the conference: II Congreso Nacional Biomedicina Jóvenes Investigadores. IV Congreso Biomedicina Predocs Valencia
City of event: Valencia, España,
Date of event: 24/11/2017
Irene Galiana Guillem; Daniel Muñoz-Espín; Beatriz Lozano Torres; Cristina Giménez Morales; Andrea Bernardos Bau; Miguel Rovira; Susana Llanos; Selim Chaib; Maribel Muñoz; Álvaro C. Ucero; José Ramón Murguía Ibáñez; Manuel Serrano; Ramón Martínez Mañez. pp. 0 - 0.

- 55** **Title of the work:** Metabolic biomarkers detect bladder cancer in human tissue and urine samples
Name of the conference: 1st ASEICA Educational Symposium
City of event: Madrid, Spain,
Date of event: 15/11/2017
Alba Loras Monfort; María Carmen Martínez Bisbal; Guillermo Quintás; SALVADOR GIL GRAU; Ramón Martínez Mañez; JL RUIZ CERDÁ. pp. 0 - 0.
- 56** **Title of the work:** Injectable gel combined with gated nanodevices for the local delivery of drugs to intracranial tumors
Name of the conference: Workshop of f-TALES: Nanomaterials in Biomedical Sciences
Date of event: 20/09/2017
M^a Carmen Coll Merino; Cristina De la Torre Paredes; Ramón Martínez Mañez; Mike.G.W. de Leeuw; Eduardo Ruiz Hernández. pp. 0 - 0.
- 57** **Title of the work:** Gated silica nanodevices combined with an injectable gel for the local treatment of glioblastoma multiforme
Name of the conference: 2017 CRS Annual Meeting & Exposition
City of event: Boston, USA,
Date of event: 19/07/2017
M^a Carmen Coll Merino; Cristina De la Torre Paredes; K. Connor; Ramón Martínez Mañez; A.T. Byrne; Mike.G.W. de Leeuw; G.P. Duffy; Eduardo Ruiz Hernández. pp. 0 - 0.
- 58** **Title of the work:** Senescence-associated nanoparticles as selective drug delivery system
Name of the conference: BIT's 7th Annual International Symposium of Drug Delivery Systems 2017
City of event: Prague, Czech Republic,
Date of event: 14/07/2017
Andrea Bernardos Bau; Irene Galiana Guillem; Cristina Giménez Morales; Beatriz Lozano Torres; José Ramón Murguía Ibáñez; Ramón Martínez Mañez; Daniel Muñoz; Miguel Rovira; Manuel Serrano. pp. 0 - 0.
- 59** **Title of the work:** 3,4-METHYLENEDIOXYMETHAMPHETAMINE (MDMA) DETECTION IN WATER WITH PSEUDO-ROTAXANE CAPPED MESOPOROUS SILICA NANOPARTICLES
Name of the conference: XI International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 07/07/2017
Beatriz Lozano Torres; Lluís Pascual Vidal; Andrea Bernardos Bau; Ramón Martínez Mañez; Félix Sancenón Galarza. "XI International Workshop on Sensors and Molecular Recognition". pp. 148 - 151.
- 60** **Title of the work:** A MYCOPLASMA GENOMIC DNA PROBE USING GATED NANOPOROUS ANODIC ALUMINA
Name of the conference: XI International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 07/07/2017
Luis Plá Blasco; Elisabet Xifre Perez; Ángela Ribes Mompalmer; Elena Aznar Gimeno; María Dolores Marcos Martínez; Lluís F. Marsal; Ramón Martínez Mañez; Félix Sancenón Galarza. "XI International Workshop on Sensors and Molecular Recognition". pp. 220 - 223.
- 61** **Title of the work:** A SIMPLE AND EASY-TO-PREPARE IMIDAZOLE-BASED PROBE FOR THE SELECTIVE CHROMO-FLUORESCENT Cu(II) DETECTION IN AQUEOUS ENVIRONMENTS
Name of the conference: XI International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 07/07/2017



Hazem Essam Elsayed Moham Okda; SAMEH EL SAYED SHEHATA NASR; M. Manuela M. Raposo; Ramón Martínez Mañez; Félix Sancenón Galarza. "XI International Workshop on Sensors and Molecular Recognition". pp. 197 - 200.

62 Title of the work: AN OFF-ON TWO-PHOTON FLUORESCENT PROBE FOR TRACKING CELL SENESENCE IN VIVO

Name of the conference: XI International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

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Beatriz Lozano Torres; Irene Galiana Guillem; Miguel Rovira; Eva María Garrido García; Andrea Bernardos Bau; Daniel Muñoz-Espín; Manuel Serrano; Ramón Martínez Mañez; Félix Sancenón Galarza. "XI International Workshop on Sensors and Molecular Recognition". pp. 152 - 155.

63 Title of the work: ANTIMICROBIAL ACTIVITY OF COMMERCIAL HYDROXYAPATITE FUNCTIONALIZED WITH ESSENTIAL OILS COMPONENTS

Name of the conference: XI International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

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Lorena Polo Aguado; Borja Díaz de Greñu Puertas; Elena Aznar Gimeno; José Luís Vivancos Bono; Félix Sancenón Galarza; Ramón Martínez Mañez. "XI International Workshop on Sensors and Molecular Recognition". pp. 224 - 227.

64 Title of the work: AZO-RESPONSIVE MICROSYSTEMS FOR COLON DRUG DELIVERY: CONGO RED DERIVATIVE AS MOLECULAR GATE

Name of the conference: XI International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2017

ADRIÁN HERNÁNDEZ TERUEL; M^a Carmen Coll Merino; Félix Sancenón Galarza; Marta Gonzalez Alvarez; VIRGINIA MERINO SANJUÁN; Ramón Martínez Mañez. "XI International Workshop on Sensors and Molecular Recognition". pp. 112 - 115.

65 Title of the work: AZO-RESPONSIVE MICROSYSTEMS FOR COLON DRUG DELIVERY: CONGO RED DERIVATIVE AS MOLECULAR GATE

Name of the conference: XI International Workshop on Sensors and Molecular Recognition

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ADRIÁN HERNÁNDEZ TERUEL; M^a Carmen Coll Merino; Félix Sancenón Galarza; Marta Gonzalez Alvarez; VIRGINIA MERINO SANJUÁN; Ramón Martínez Mañez. "XI International Workshop on Sensors and Molecular Recognition". pp. 78 - 78.

66 Title of the work: CAPPED MESOPOROUS SILICA NANOPARTICLES FOR DETECTION OF BERBERINE IN WATER

Name of the conference: XI International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2017

MARIA LO PRESTI; Andreas Hennig; Ramón Martínez Mañez; Félix Sancenón Galarza. "XI International Workshop on Sensors and Molecular Recognition". pp. 142 - 144.

67 Title of the work: CHEMICAL DESIGN OF NOVEL ANTHRACYCLINE DERIVATIVES AS POTENTIAL SENOLYTIC PRO-DRUGS

Name of the conference: XI International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2017

Borja Díaz de Greñu Puertas; Beatriz Lozano Torres; Irene Galiana Guillem; María Alfonso Navarro; Andrea Bernardos Bau; Félix Sancenón Galarza; Ramón Martínez Mañez. "XI International Workshop on Sensors and Molecular Recognition". pp. 65 - 67.

- 68 Title of the work:** DESARROLLO DE UN PESTICIDA ECOLÓGICO CONTRA LA MOSCA DE LA FRUTA (CERATITIS CAPITATA WIEDEMANN) MEDIANTE ENCAPSULADOS INTELIGENTES DE PIRETRINAS NATURALES □ATAECINA□

Name of the conference: XI International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2017

Eva María Garrido García; Andrea Bernardos Bau; Sandra Vacas González; Vicente Navarro Llopis; Jaime Primo Millo; Ramón Martínez Mañez. "XI International Workshop on Sensors and Molecular Recognition". pp. 89 - 92.

- 69 Title of the work:** DESIGN OF OLIGONUCLEOTIDE-CAPPED MESOPOROUS SILICA NANOPARTICLES FOR THE DETECTION OF miRNA-145

Name of the conference: XI International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

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- 70 Title of the work:** DETECTION OF OCHRATOXIN A USING GATED SILICA NANOPARTICLES

Name of the conference: XI International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

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Ángela Ribes Momparler; Sara Santiago Felipe; Andrea Bernardos Bau; María Dolores Marcos Martínez; Félix Sancenón Galarza; Ramón Martínez Mañez; Elena Aznar Gimeno. "XI International Workshop on Sensors and Molecular Recognition". pp. 239 - 243.

- 71 Title of the work:** DEVELOPMENT OF TARGETED NANOTHERAPIES FOR PROSTATE CANCER

Name of the conference: XI International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2017

Amelia Ultimo; Ana Armiñán; María Dolores Marcos Martínez; MARIA JESUS VICENT DOCON; Ramón Martínez Mañez. "XI International Workshop on Sensors and Molecular Recognition". pp. 276 - 279.

- 72 Title of the work:** Delivery of miRNA Into Neuroblastoma Cells Using Mesoporous Silica Nanoparticles

Name of the conference: XI International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

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SANTIAGO SÁNCHEZ CABEZAS; Félix Sancenón Galarza; María Dolores Marcos Martínez; Ciara Fallon; Olga Piskareva; Eduardo Ruiz Hernández; Ramón Martínez Mañez. "XI International Workshop on Sensors and Molecular Recognition". pp. 0 - 0.

- 73 Title of the work:** Enzymatic browning study in presence of UVM-7 functionalized with thiol groups

Name of the conference: XI International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

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SARA MUÑOZ PINA; José Vicente Ros Lis; Angel Luís Argüelles Foix; M^a Carmen Coll Merino; Ramón Martínez Mañez; Ana María Andrés Grau. "XI International Workshop on Sensors and Molecular Recognition". pp. 0 - 0.

- 74** **Title of the work:** LA LUCHA EVOLUTIVA DE LA HIPERTERMIA EN LA BATALLA CONTRA EL CÁNCER
Name of the conference: XI International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 07/07/2017
ROBERTO MONTES ROBLES; SANTIAGO SÁNCHEZ CABEZAS; ANDY HERNÁNDEZ MONTOTO; Francisco Javier Ibáñez Civera; Rafael Masot Peris; Eduardo García Breijo; Ramón Martínez Mañez. "XI International Workshop on Sensors and Molecular Recognition". pp. 181 - 184.
- 75** **Title of the work:** MESOPOROUS SILICA NANOPARTICLES FOR THE EFFICIENT CO-DELIVERY OF DRUGS AND CRISPR-CAS9 FOR GENOME EDITING
Name of the conference: XI International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
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Alba García Fernández; GEMA VIVO LLORCA; Mónica Sancho; Alicia García Jareño; Félix Sancenón Galarza; José Ramón Murguía Ibáñez; Ramón Martínez Mañez; Mar Orzaez. "XI International Workshop on Sensors and Molecular Recognition". pp. 80 - 84.
- 76** **Title of the work:** MESOPOROUS SILICA NANOPARTICLES TARGETING BREAST CANCER STEM CELLS
Name of the conference: XI International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
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- 77** **Title of the work:** MICROALGAE DEGRADATION FOLLOW UP BY VOLTAMMETRIC ELECTRONIC TONGUE, IMPEDANCE SPECTROSCOPY AND NMR SPECTROSCOPY
Name of the conference: XI International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 07/07/2017
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- 78** **Title of the work:** Mesoporous silica particles for controlled delivery of vitamin B2 in small intestine
Name of the conference: XI International Workshop on Sensors and Molecular Recognition
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Elisa Poyatos Racionero; Edgar Pérez Esteve; Andrea Bernardos Bau; María Dolores Marcos Martínez; José Manuel Barat Baviera; Ramón Martínez Mañez. "XI International Workshop on Sensors and Molecular Recognition". pp. 228 - 231.
- 79** **Title of the work:** NEAR INFRARED LIGHT TRIGGERED MULTIPHOTON MOLECULAR DISSOCIATION OF 2-NITROBENZYL PHOTOLABILE LINKERS USING GOLD NANOSTARS BASED NANOPARTICLES
Name of the conference: XI International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
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ANDY HERNÁNDEZ MONTOTO; ROBERTO MONTES ROBLES; Antoni Llopis Lorente; MÓNICA GORBE MOYA; Roberto Cao Milán; Borja Díaz de Greñu Puertas; María Alfonso Navarro; María Dolores Marcos Martínez; Félix Sancenón Galarza; Ramón Martínez Mañez. "XI International Workshop on Sensors and Molecular Recognition". pp. 107 - 111.

- 80** **Title of the work:** Natural antimicrobial formulation by enzymatic responsive controlled release
Name of the conference: XI International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 07/07/2017
Andrea Bernardos Bau; Pavel Kloucek; Matej Bozik; Edgar Pérez Esteve; Adela Frankova; José Manuel Barat Baviera; Ramón Martínez Mañez. "XI International Workshop on Sensors and Molecular Recognition". pp. 28 - 32.
- 81** **Title of the work:** New hybrid device for senescent cells detection
Name of the conference: XI International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
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Sara Rojas Vázquez; María Salomé Sirerol; María Alfonso Navarro; Isabel Fariñas; Ramón Martínez Mañez. "XI International Workshop on Sensors and Molecular Recognition". pp. 0 - 0.
- 82** **Title of the work:** POLYMYXIN B CAPPED MESOPOROUS SILICA NANOPARTICLES AS ANTIMICROBIAL SYSTEM AGAINST GRAM NEGATIVE BACTERIA
Name of the conference: XI International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
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- 83** **Title of the work:** SELECTIVE AND SENSITIVE DETECTION OF CYANIDE AND HYDROGEN SULFIDE IN WATER BY METAL-MACROCYCLE-BASED CAPPED SILICA MESOPOROUS NANOPARTICLES
Name of the conference: XI International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
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- 84** **Title of the work:** SENESENCE-ASSOCIATED NANODEVICES FOR THERAPY APPLICATIONS
Name of the conference: XI International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
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María Alfonso Navarro; Irene Galiana Guillem; Daniel Muñoz-Espín; Andrea Bernardos Bau; Ramón Martínez Mañez. "XI International Workshop on Sensors and Molecular Recognition". pp. 11 - 13.
- 85** **Title of the work:** Selective and sensitive colorimetric detection of the neurotransmitter serotonin based on the aggregation of bifunctionalized gold nanoparticles
Name of the conference: XI International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
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Tania Mariel Godoy Reyes; Antoni Llopis Lorente; Pablo Gaviña Costero; ANA MARIA COSTERO NIETO; Ramón Martínez Mañez; Félix Sancenón Galarza. "XI International Workshop on Sensors and Molecular Recognition". pp. 93 - 96.
- 86** **Title of the work:** TARGETING TUMOR METASTASIS: BLOCKING VCAM1 IN ENDOTHELIAL SENESENCE CELLS
Name of the conference: XI International Workshop on Sensors and Molecular Recognition
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Alejandra Estepa Fernández; Irene Galiana Guillem; Ramón Martínez Mañez; Mar Orzaez. "XI International Workshop on Sensors and Molecular Recognition". pp. 72 - 76.

87 Title of the work: TRACKING CO in vivo WITH A Ru(II) COMPLEX

Name of the conference: XI International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2017

Cristina De la Torre Paredes; Cristina Marín Hernández; M^o CARMEN TERCENIO SILVESTRE; M^a JOSE ALCARAZ TORMO; Félix Sancenón Galarza; James D. E. T Wilton-Ely; Ramón Martínez Mañez. "XI International Workshop on Sensors and Molecular Recognition". pp. 51 - 54.

88 Title of the work: Targeting senescent cells: a novel strategy to selectively kill senescent cells

Name of the conference: XI International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2017

Irene Galiana Guillem; Daniel Muñoz; Beatriz Lozano Torres; Cristina Giménez Morales; Andrea Bernardos Bau; Miguel Rovira; José Ramón Murguía Ibáñez; Manuel Serrano; Ramón Martínez Mañez. "XI International Workshop on Sensors and Molecular Recognition". pp. 0 - 0.

89 Title of the work: URINE AND TUMOUR TISSUE BIOMARKERS FOR HUMAN BLADDER CANCER

Name of the conference: XI International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2017

Alba Loras Monfort; María Carmen Martínez Bisbal; Guillermo Quintás; SALVADOR GIL GRAU; Ramón Martínez Mañez; JL RUIZ CERDÁ. "XI International Workshop on Sensors and Molecular Recognition". pp. 145 - 147.

90 Title of the work: □AND□ Logic Gate for Controlled Release based on Enzyme-Functionalized Au-Mesoporous Silica Nanoparticles Responsive to Biomolecules

Name of the conference: XI International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2017

Beatriz de Luis Fernández; Antoni Llopis Lorente; Sandra Jiménez Falcao; Félix Sancenón Galarza; Reynaldo Villalonga; Ramón Martínez Mañez. "XI International Workshop on Sensors and Molecular Recognition". pp. 55 - 59.

91 Title of the work: Biomimetic fungal enzyme-responsive mesoporous silica systems

Name of the conference: XXXVI Reunión Bienal de la Real Sociedad Española de Química (RSEQ 2017)

City of event: Sitges, Spain,

Date of event: 29/06/2017

Andrea Bernardos Bau; Pavel Kloucek; Matej Bozik; Edgar Pérez Esteve; Adela Frankova; José Manuel Barat Baviera; Ramón Martínez Mañez. pp. 0 - 0.

92 Title of the work: Gated materials for advanced biomedical and sensing applications

Name of the conference: XXXVI Reunión Bienal de la Real Sociedad Española de Química (RSEQ 2017)

City of event: Sitges, Spain,

Date of event: 29/06/2017

Ramón Martínez Mañez. pp. 0 - 0.

93 Title of the work: MESOPOROUS SILICA PARTICLES FUNCTIONALIZED WITH OLEIC ACID FOR THE CONTROLLED DELIVERY IN SMALL INTESTINE

Name of the conference: XXXVI Reunión Bienal de la Real Sociedad Española de Química (RSEQ 2017)



City of event: Sitges, Spain,

Date of event: 29/06/2017

Elisa Poyatos Racionero; Edgar Pérez Esteve; Andrea Bernardos Bau; María Dolores Marcos Martínez; José Manuel Barat Baviera; Ramón Martínez Mañez. pp. 0 - 0.

- 94 Title of the work:** Chromo-fluorogenic Probes and Advanced Sensing Materials
Name of the conference: 13th Italian Conference on Supramolecular Chemistry
City of event: Santa Margherita di Pula (CA), Italy,
Date of event: 21/06/2017
Ramón Martínez Mañez. pp. 0 - 0.

- 95 Title of the work:** Senescent-associated nanoparticles as drug delivery system
Name of the conference: 13th Italian Conference on Supramolecular Chemistry
City of event: Santa Margherita di Pula (CA), Italy,
Date of event: 21/06/2017
Andrea Bernardos Bau; Irene Galiana Guillem; Beatriz Lozano Torres; Cristina Giménez Morales; José Ramón Murguía Ibáñez; María Dolores Marcos Martínez; Ramón Martínez Mañez; Miguel Rovira; Manuel Serrano; Daniel Muñoz-Espín. pp. 0 - 0.

- 96 Title of the work:** Chromo-fluorogenic probes and sensing materials
Name of the conference: International Symposium on Metal Complexes (ISMEC 2017)
City of event: Dijon, France,
Date of event: 15/06/2017
Ramón Martínez Mañez. pp. 0 - 0.

- 97 Title of the work:** New chromo-fluorogenic probe containing a BODIPY unit for the detection of Hg(II) in water
Name of the conference: International Symposium on Metal Complexes (ISMEC 2017)
City of event: Dijon, France,
Date of event: 15/06/2017
MARIA LO PRESTI; María Manuela Marques Raposo; Ramón Martínez Mañez; Félix Sancenón Galarza. pp. 239 - 240.

- 98 Title of the work:** Novel diagnostic tools for lung cancer early detection
Name of the conference: International Cell Senescence Association Conference (ICSA 2017). The Ins and Outs of Cellular Senescence: Understanding the Biology to Foster Healthy Aging and Suppression of Disease
City of event: Paris, France,
Date of event: 19/05/2017
Daniel Muñoz-Espín; Miguel Rovira; Beatriz Lozano Torres; Irene Galiana Guillem; Cristina Giménez Morales; Susana Llanos; Selim Chaib; Andrea Bernardos Bau; José Ramón Murguía Ibáñez; Ramón Martínez Mañez; Manuel Serrano. pp. 99 - 100.

- 99 Title of the work:** Au-mesoporous silica nanoparticles gated with disulfide-linked oligo(ethylene glycol) chains for tunable cargo delivery mediated by an integrated enzymatic control unit
Name of the conference: 17th Dutch Polymer Days
City of event: Lunteren, the Netherlands,
Date of event: 14/03/2017
Antoni Llopis Lorente; Paula Díez; ALFREDO SANCHEZ; Félix Sancenón Galarza; Ramón Martínez Mañez; REYNALDO VILLALONGA. pp. 0 - 0.

- 100 Title of the work:** Gated mesoporous silica nanocarriers incorporated in an injectable hydrogel for the local treatment of glioblastoma multiforme
Name of the conference: RCSI Research Day 2017
City of event: Dublin, Ireland,
Date of event: 09/03/2017
M^a Carmen Coll Merino; Cristina De la Torre Paredes; K. Connor; Ramón Martínez Mañez; A.T. Byrne; Garry P. Duffy; Eduardo Ruiz Hernández. pp. 70 - 70.
- 101 Title of the work:** Antifungal properties of eugenol and thymol immobilised on MCM-41 microparticles to control food-relevant fungi
Name of the conference: 3rd International & 4th National Student Congress of Food Science and Technology
City of event: Valencia, España,
Date of event: 24/02/2017
Susana Ribes Llop; María Ruiz Rico; Edgar Pérez Esteve; Ana Fuentes López; Pau Talens Oliag; Ramón Martínez Mañez; José Manuel Barat Baviera. "Libro de Abstracts. III International & IV National Student Congress of Food Science and Technology". pp. 22 - 22. Asociación Valenciana de Estudiantes en Ciencia y Tecnología de los Alimentos,
- 102 Title of the work:** Delivery of chemotherapy with a combination of gated silica nanoparticles and an injectable gel for glioblastoma multiforme
Name of the conference: Irish Association for Cancer Research 2017 Annual Meeting
City of event: Kilkenny, Ireland,
Date of event: 24/02/2017
M^a Carmen Coll Merino; Cristina De la Torre Paredes; K. Connor; Ramón Martínez Mañez; A.T. Byrne; G.P. Duffy; Eduardo Ruiz Hernández. pp. 67 - 68.
- 103 Title of the work:** CONTROLLED DRUG DELIVERY SYSTEM IN SENESCENT CELLS USING GALACTOLIGOSACCHARIDE-CAPPED NANOPARTICLES
Name of the conference: X Jornadas Anuales CIBER-BBN 2016
City of event: Sevilla, España,
Date of event: 29/11/2016
Irene Galiana Guillem; Cristina Giménez Morales; Beatriz Lozano Torres; Andrea Bernardos Bau; Daniel Muñoz; Miguel Rovira; Elena Aznar Gimeno; José Ramón Murgía; Manuel Serrano; Ramón Martínez Mañez. pp. 0 - 0.
- 104 Title of the work:** Pathogen detection by using gated nanoporous materials
Name of the conference: X Jornadas Anuales CIBER-BBN 2016
City of event: Sevilla, España,
Date of event: 29/11/2016
María Carmen Martínez Bisbal; Ángela Ribes Momparler; VICENTE CANDELA NOGUERA; Elena Aznar Gimeno; Sara Santiago Felipe; Félix Sancenón Galarza; María Dolores Marcos Martínez; Ramón Martínez Mañez. pp. 0 - 0.
- 105 Title of the work:** Novel OFF-ON two photon probes for senescence detection
Name of the conference: 2nd Annual Meeting of the Spanish Network of Cellular Senescence: Senescence and Cancer
City of event: Madrid,
Date of event: 25/11/2016
Beatriz Lozano Torres; Irene Galiana Guillem; Miguel Rovira; Andrea Bernardos Bau; Daniel Muñoz; José Ramón Murgía; Manuel Serrano; Ramón Martínez Mañez; Félix Sancenón Galarza. pp. 0 - 0.

- 106 Title of the work:** Functional gated materials for delivery and sensing applications
Name of the conference: ICREA Conference on Functional Nanocontainers 2016
City of event: Tarragona,
Date of event: 20/10/2016
Ramón Martínez Mañez. pp. 0 - 0.
- 107 Title of the work:** Silica-based nanomaterials in sensing applications
Name of the conference: 2nd International Caparica Conference on Chromogenic and Emissive Materials (IC3EM 2016)
City of event: Lisboa,
Date of event: 08/09/2016
Ramón Martínez Mañez. pp. 0 - 0.
- 108 Title of the work:** Chromo-fluorogenic optical probes
Name of the conference: IX Congreso Ibérico de Espectroscopia. XXV Reunión Nacional de Espectroscopia
City of event: Alicante,
Date of event: 22/07/2016
Ramón Martínez Mañez. pp. 0 - 0.
- 109 Title of the work:** A NEW COLORIMETRIC AND FLUOROMETRIC PROBE BASED IN A BODIPY CORE DETECTING MERCURY ION IN WATER
Name of the conference: X International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 08/07/2016
MARIA LO PRESTI; María Manuela Marques Raposo; Ramón Martínez Mañez; Félix Sancenón Galarza. "Libro de artículos". pp. 124 - 124.
- 110 Title of the work:** A nanoscopic hybrid gated material for CO cell signalling
Name of the conference: X International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 08/07/2016
Luis Plá Blasco; Jonathan A. Robson; James D. E. T Wilton-Ely; Félix Sancenón Galarza; Ramón Martínez Mañez. "Libro de artículos". pp. 308 - 310.
- 111 Title of the work:** A novel selective chemosensor for the chromo-fluorogenic detection of Cu²⁺
Name of the conference: X International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 08/07/2016
HAZEM ESSAM ELSAYED MOHAMED OKDA; Félix Sancenón Galarza; Ramón Martínez Mañez. "Libro de artículos". pp. 162 - 168.
- 112 Title of the work:** ACTIVITY OF ESSENTIAL OIL COMPONENTS AGAINST COLON CANCER IS ENHANCED THROUGH ENCAPSULATION INTO MESOPOROUS SILICA PARTICLES
Name of the conference: X International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 08/07/2016
Carolina Acosta Romero; Andrea Bernardos Bau; Miroslava Císarová; Pavel Kloucek; José Manuel Barat Baviera; Ramón Martínez Mañez. "Libro de artículos". pp. 189 - 195.

- 113 Title of the work:** Activity of Essential Oil Components Against Colon Cancer is Enhanced through Encapsulation into Mesoporous Silica Particles
Name of the conference: X International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 08/07/2016
Carolina Acosta Romero; Andrea Bernardos Bau; Miroslava Císarová; Pavel Kloucek; José Manuel Barat Baviera; Ramón Martínez Mañez. "Libro de artículos". pp. 189 - 194.
- 114 Title of the work:** Azo-carbamate molecular gate in magnetic micro MCM-41 aiming colon epithelial delivery for Inflammatory Bowel Diseases treatment
Name of the conference: X International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 08/07/2016
ADRIÁN HERNÁNDEZ TERUEL; M^a Carmen Coll Merino; Félix Sancenón Galarza; Marta Gonzalez Alvarez; VIRGINIA MERINO SANJUÁN; Ramón Martínez Mañez. "Libro de artículos". pp. 32 - 33.
- 115 Title of the work:** BODIPY dyes functionalized with Benzylamine as a selective fluorogenic detection of serotonin
Name of the conference: X International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 08/07/2016
Tania Mariel Godoy Reyes; ANA MARIA COSTERO NIETO; Ramón Martínez Mañez. "Libro de artículos". pp. 137 - 139.
- 116 Title of the work:** CONTROLLED DELIVERY IN SENESCENT CELLS: GALACTOLIGOSACCHARIDE-CAPPED NANOPARTICLES AS SELECTIVE DRUG DELIVERY SYSTEM
Name of the conference: X International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 08/07/2016
Irene Galiana Guillem; Cristina Giménez Morales; Beatriz Lozano Torres; Andrea Bernardos Bau; Daniel Muñoz; Félix Sancenón Galarza; Elena Aznar Gimeno; José Ramón Murguía Ibáñez; Manuel Serrano; Ramón Martínez Mañez. "Libro de artículos". pp. 214 - 218.
- 117 Title of the work:** Controlled delivery system in small intestine using mesoporous silica particles
Name of the conference: X International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 08/07/2016
Elisa Poyatos Racionero; Edgar Pérez Esteve; Andrea Bernardos Bau; María Dolores Marcos Martínez; José Manuel Barat Baviera; Ramón Martínez Mañez. "Libro de artículos". pp. 47 - 47.
- 118 Title of the work:** Controlled delivery system in small intestine using mesoporous silica particles capped with oleic acid
Name of the conference: X International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 08/07/2016
Elisa Poyatos Racionero; Edgar Pérez Esteve; Andrea Bernardos Bau; María Dolores Marcos Martínez; José Manuel Barat Baviera; Ramón Martínez Mañez. "Libro de artículos". pp. 85 - 90.
- 119 Title of the work:** Cámara termostática para experimentos de hipertermia y de liberación controlada
Name of the conference: X International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 08/07/2016

ROBERTO MONTES ROBLES; Francisco Javier Ibáñez Civera; SANTIAGO SÁNCHEZ CABEZAS; ANDY HERNÁNDEZ MONTOTO; Rafael Masot Peris; Ramón Martínez Mañez; Eduardo García Breijo. "Libro de artículos". pp. 195 - 201.

120 Title of the work: DISEÑO DE MATERIALES HÍBRIDOS ORGÁNICO-INORGÁNICOS PARA EL RECONOCIMIENTO DE miARN-145

Name of the conference: X International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 08/07/2016

VICENTE CANDELA NOGUERA; Ángela Ribes Momparler; Elena Aznar Gimeno; María Dolores Marcos Martínez; Ramón Martínez Mañez. "Libro de artículos". pp. 54 - 60.

121 Title of the work: Design of Novel Nanodevices to Induce Exon Skipping for Duchenne Muscular Dystrophy

Name of the conference: X International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 08/07/2016

SANTIAGO SÁNCHEZ CABEZAS; Clara Gomis Coloma; Juan Jesús Vilchez Padilla; Félix Sancenón Galarza; Ramón Martínez Mañez. "Libro de artículos". pp. 0 - 0.

122 Title of the work: Determinación de parámetros de calidad en aguas de suministros potables mediante Lengua Electrónica Voltamétrica

Name of the conference: X International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 08/07/2016

María Carmen Martínez Bisbal; Noèlia Carbó Mestre; Javier López Carrero; Miguel Alcañiz Fillol; Javier García Castillo; Isabel Tormos; Ramón Martínez Mañez. "Libro de artículos". pp. 326 - 329.

123 Title of the work: Diseño de nuevos nanodispositivos para inducir "exon skipping" en la distrofia muscular de Duchenne

Name of the conference: X International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 08/07/2016

SANTIAGO SÁNCHEZ CABEZAS; Clara Gomis Coloma; Juan Jesús Vilchez Padilla; Ramón Martínez Mañez. "Libro de artículos". pp. 140 - 143.

124 Title of the work: Drug photo-release system based on gold nanostars coated with mesoporous silica shell

Name of the conference: X International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 08/07/2016

ANDY HERNÁNDEZ MONTOTO; ROBERTO MONTES ROBLES; Roberto Cao Milán; Elena Aznar Gimeno; María Dolores Marcos Martínez; Félix Sancenón Galarza; Ramón Martínez Mañez. "Libro de artículos". pp. 184 - 188.

125 Title of the work: Drug photo-release system based on gold nanostars coated with mesoporous silica shell

Name of the conference: X International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 08/07/2016

ANDY HERNÁNDEZ MONTOTO; ROBERTO MONTES ROBLES; Roberto Cao Milán; Elena Aznar Gimeno; María Dolores Marcos Martínez; Félix Sancenón Galarza; Ramón Martínez Mañez. "Libro de artículos". pp. 85 - 85.

- 126 Title of the work:** Electrochemically stimulated molecules release from new hybrid MCM-41 materials
Name of the conference: X International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 08/07/2016
Beatriz Lozano Torres; Alba García Fernández; Juan Soto Camino; Félix Sancenón Galarza; Ramón Martínez Mañez. "Libro de artículos". pp. 225 - 230.
- 127 Title of the work:** Enzyme-Controlled Nanodevice for Acetylcholine-Triggered Cargo Delivery Based on Janus Au-Mesoporous Silica Nanoparticles
Name of the conference: X International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 08/07/2016
Antoni Llopis Lorente; Paula Díez; Cristina De la Torre Paredes; Alfredo Sanchez; Félix Sancenón Galarza; Elena Aznar Gimeno; Paloma Martínez Ruiz; Ramón Martínez Mañez; Reynaldo Villalonga. "Libro de artículos". pp. 22 - 28.
- 128 Title of the work:** Fluorogenic sensing of low as(iii) levels in aqueous media using aptamercapped nanomaterials
Name of the conference: X International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 08/07/2016
María del Mar Oroval Cucarella; M^a Carmen Coll Merino; Andrea Bernardos Bau; María Dolores Marcos Martínez; Ramón Martínez Mañez; Dmitry G. Shchukin. "Libro de artículos". pp. 17 - 21.
- 129 Title of the work:** Gated mesoporous silica materials for the treatment of bone infection by S. aureus
Name of the conference: X International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 08/07/2016
Lorena Polo Aguado; José Luís Vivancos Bono; Elena Aznar Gimeno; José Ramón Murguía Ibáñez; Ramón Martínez Mañez. "Libro de artículos". pp. 101 - 104.
- 130 Title of the work:** Gated mesoporous silica nanoparticles functionalised PEDOT:PSS as a chemical bidirectional system of communication with neurons
Name of the conference: X International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 08/07/2016
Alba García Fernández; Beatriz Lozano Torres; Jorge E. Collazos Castro; Juan Soto Camino; Félix Sancenón Galarza; Ramón Martínez Mañez. "Libro de artículos". pp. 318 - 321.
- 131 Title of the work:** Halogen-containing BODIPY derivatives for photodynamic therapy
Name of the conference: X International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 08/07/2016
MÓNICA GORBE MOYA; RAFAEL BALLESTEROS; ANA MARIA COSTERO NIETO; José Ramón Murguía Ibáñez; Félix Sancenón Galarza; Ramón Martínez Mañez. "Libro de artículos". pp. 206 - 213.
- 132 Title of the work:** Injectable chemotherapeutic hydrogels for the treatment of intracranial tumors
Name of the conference: X International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 08/07/2016
Cristina De la Torre Paredes; Elena Aznar Gimeno; Félix Sancenón Galarza; Ramón Martínez Mañez; Eduardo Ruiz Hernández; Garry P. Duffy. "Libro de artículos". pp. 219 - 223.

- 133 Title of the work:** LONG-TERM ANTIFUNGAL EFFECT OF ESSENTIAL OIL COMPONENTS WHEN LOADED INTO SILICA MESOPOROUS SUPPORTS
Name of the conference: X International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 08/07/2016
Andrea Bernardos Bau; Matej Bozik; María Ruiz Rico; Pavel Kloucek; José Manuel Barat Baviera; Ramón Martínez Mañez. "Libro de artículos". pp. 251 - 258.
- 134 Title of the work:** Molecular gate-like DNA as theranostic system for simultaneous drug delivery and radioimaging applications
Name of the conference: X International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 08/07/2016
Lluís Pascual Vidal; Cristal S. Cerqueira-Coutinho; Emerson Soares Bernardes; Marta Souza Albernaz; Alba García Fernández; Sotiris Missailidis; Félix Sancenón Galarza; Ramón Martínez Mañez; Ralph Santos-Oliveira. "Libro de artículos". pp. 155 - 161.
- 135 Title of the work:** Nanotoxicology evaluation of functionalized and non-functionalized mesoporous silica particles on *Caenorhabditis elegans*
Name of the conference: X International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 08/07/2016
Carolina Acosta Romero; Patricia Martorell; Salvador Genovés; DANIEL RAMÓN VIDAL; Ramón Martínez Mañez; José Manuel Barat Baviera. "Libro de artículos". pp. 61 - 68.
- 136 Title of the work:** New nanoporous supports functionalized with molecular gates for the detection of *Mycoplasma Fermentans* genomic DNA
Name of the conference: X International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 08/07/2016
Luis Plá Blasco; Félix Sancenón Galarza; Ramón Martínez Mañez. "Libro de artículos". pp. 50 - 53.
- 137 Title of the work:** PPO-substrate interaction study in presence of silica nanomaterials
Name of the conference: X International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 08/07/2016
SARA MUÑOZ PINA; M^a Carmen Coll Merino; Ana María Andrés Grau; Angel Luís Argüelles Foix; Ramón Martínez Mañez; José Vicente Ros Lis. "Libro de artículos". pp. 45 - 49.
- 138 Title of the work:** Polymixin B-gated mesoporous silica nanoparticles as a future nanosystem for efficient antimicrobial photodynamic therapy
Name of the conference: X International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 08/07/2016
ISMAEL OTRI; Lorena Polo Aguado; MÓNICA GORBE MOYA; Elena Aznar Gimeno; Félix Sancenón Galarza; Ramón Martínez Mañez. "Libro de artículos". pp. 248 - 250.
- 139 Title of the work:** Pseudo-rotaxane capped mesoporous silica nanoparticles for electron rich molecules detection
Name of the conference: X International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,

Date of event: 08/07/2016

Beatriz Lozano Torres; Lluís Pascual Vidal; Félix Sancenón Galarza; Ramón Martínez Mañez. "Libro de artículos". pp. 231 - 236.

140 Title of the work: Puertas moleculares con apertura en cascada a pH controlado

Name of the conference: X International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 08/07/2016

L.A. JUAREZ; Elena Añón; Cristina Giménez Morales; Félix Sancenón Galarza; Ramón Martínez Mañez; ANA MARIA COSTERO NIETO; Pablo Gaviña Costero; MARGARITA PARRA ALVAREZ. "Libro de artículos". pp. 29 - 32.

141 Title of the work: SILICA MESOPOROUS NANODEVICES TO OVERCOME DRUG RESISTANCE IN BREAST CANCER

Name of the conference: X International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 08/07/2016

Amelia Ultimo; IRIS GARRIDO CANO; Félix Sancenón Galarza; María Dolores Marcos Martínez; Pilar Eroles; Ramón Martínez Mañez. "Libro de artículos". pp. 322 - 325.

142 Title of the work: TARGETED DELIVERY THERAPEUTICS TO GLIOMA CELLS BY CHLOROTOXIN CONJUGATED MESOPOROUS SILICA NANOPARTICLES

Name of the conference: X International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 08/07/2016

Cristina De la Torre Paredes; Elena Aznar Gimeno; Félix Sancenón Galarza; Ramón Martínez Mañez; Eduardo Ruiz Hernández; Garry P. Duffy. "Libro de artículos". pp. 74 - 79.

143 Title of the work: VISUAL DETECTION OF ALUMINIUM ION USING A FLUORESCENT PROBE BASED ON A BODIPY CORE

Name of the conference: X International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 08/07/2016

MARIA LO PRESTI; María Manuela Marques Raposo; Ramón Martínez Mañez; Félix Sancenón Galarza. "Libro de artículos". pp. 129 - 129.

144 Title of the work: Photonic sensors based on molecular gates and plasmonic structures.

Name of the conference: V Conferencia Española de Nanofotónica (CEN 2016)

City of event: Valencia, Spain,

Date of event: 22/06/2016

Aina Serrano Rodrigo; Luis Plá Blasco; Laurent Christophe Bellieres .; M.C. Gonçalves; José Manuel Barat Baviera; Ángel Maquieira Catala; Ramón Martínez Mañez; Amadeu Griol Barres. pp. 0 - 0.

145 Title of the work: Gated nanoparticles for biomedical applications

Name of the conference: EMN Meeting on Nanoparticles 2016

City of event: Singapore,

Date of event: 13/05/2016

Elena Aznar Gimeno; Ángela Ribes Momparler; Lorena Polo Aguado; Amelia Ultimo; Cristina De la Torre Paredes; Lluís Pascual Vidal; Félix Sancenón Galarza; Ramón Martínez Mañez. pp. 28 - 29.

- 146 Title of the work:** Medicina regenerativa y Nanoterapia
Name of the conference: Jornada: Medicina exponencial. Cómo la tecnología está transformando la medicina
City of event: Madrid, España,
Date of event: 26/04/2016
Ramón Martínez Mañez. pp. 0 - 0.
- 147 Title of the work:** Gated mesoporous materials in controlled release applications
Name of the conference: Seminario Centro de Investigación Príncipe Felipe
City of event: Valencia, España,
Date of event: 29/01/2016
Ramón Martínez Mañez. pp. 0 - 0.
- 148 Title of the work:** Cocaine detection using gated mesoporous silicon films
Name of the conference: 2nd International Symposium on Nanoparticles/Nanomaterials and Applications (ISN2A-2016)
City of event: Caparica, Lisbon, Portugal,
Date of event: 21/01/2016
Luis Plá Blasco; Félix Sancenón Galarza; Ramón Martínez Mañez; Raffaele Caroselli. pp. 0 - 0.
- 149 Title of the work:** DNA-capped nanososcopic supports for sensing applications
Name of the conference: 2nd International Symposium on Nanoparticles/Nanomaterials and Applications (ISN2A-2016)
City of event: Caparica, Lisbon, Portugal,
Date of event: 21/01/2016
Ángela Ribes Momparler; Elena Aznar Gimeno; María Dolores Marcos Martínez; Ramón Martínez Mañez. pp. 0 - 0.
- 150 Title of the work:** Silica-based nanomaterials in sensing applications
Name of the conference: 2nd International Symposium on Nanoparticles/Nanomaterials and Applications (ISN2A-2016)
City of event: Caparica, Lisbon, Portugal,
Date of event: 21/01/2016
Ramón Martínez Mañez. pp. 0 - 0.
- 151 Title of the work:** Búsqueda de Biomarcadores de Cáncer Urológico Mediante Sistemas Biológicos y Técnicas de Análisis Metabólico
Name of the conference: II Congreso Biomedicina Predocs Valencia
City of event: Valencia, España,
Date of event: 27/11/2015
Alba Loras Monfort; JL RUIZ CERDÁ; José Luís Vivancos Bono; SALVADOR GIL GRAU; ANA MARIA COSTERO NIETO; Guillermo Quintás; María Carmen Martínez Bisbal; Juan Daniel Sanjuan; Rafa Sanchez; Ramón Martínez Mañez. pp. 0 - 0.
- 152 Title of the work:** Enzyme-responsive gated mesoporous bioglass for the prevention of bone infection
Name of the conference: Conference on "Latest Advances on Nanomaterials for Biomedical Applications" (NANOBIAPP 2015)
City of event: Barcelona, Spain,
Date of event: 23/09/2015
Lorena Polo Aguado; Natividad Gómez Cerezo; Elena Aznar Gimeno; José Luís Vivancos Bono; María Vallet Regí; Ramón Martínez Mañez. pp. 0 - 0.

- 153 Title of the work:** TOWARDS THE DESIGN OF SMART DELIVERY SYSTEMS CONTROLLED BY INTEGRATED ENZYME ENSEMBLES
Name of the conference: Conference on "Latest Advances on Nanomaterials for Biomedical Applications" (NANOBIOAPP 2015)
City of event: Barcelona, Spain,
Date of event: 23/09/2015
Cristina De la Torre Paredes; PAULA DIEZ SANCHEZ; ALFREDO SANCHEZ; Reynaldo Villalonga; Ramón Martínez Mañez. pp. 0 - 0.
- 154 Title of the work:** Targeting the inflammasome using smart nanodevices
Name of the conference: Conference on "Latest Advances on Nanomaterials for Biomedical Applications" (NANOBIOAPP 2015)
City of event: Barcelona, Spain,
Date of event: 23/09/2015
Alba García Fernández; Guillermo García Laínez; M^a LUISA FERRANDIZ MANGLANO; Elena Aznar Gimeno; Félix Sancenón Galarza; M^a JOSE ALCARAZ TORMO; José Ramón Murguía Ibáñez; Ramón Martínez Mañez; Mar Orzaez. pp. 0 - 0.
- 155 Title of the work:** Gated nanoparticles as drug delivery system for senescent cells
Name of the conference: International Cell Senescence Association Conference (ICSA 2015) "Cell Senescence: From Physiology to Pathology"
City of event: Santiago de Compostela, España,
Date of event: 22/07/2015
Cristina Giménez Morales; Daniel Muñoz; Irene Galiana Guillem; Elena Aznar Gimeno; Félix Sancenón Galarza; María Dolores Marcos Martínez; José Ramón Murguía Ibáñez; Ramón Martínez Mañez; Manuel Serrano. pp. 0 - 0.
- 156 Title of the work:** Gated silica nanoparticles for targeting and controlled release in a senescent cellular model
Name of the conference: International Cell Senescence Association Conference (ICSA 2015) "Cell Senescence: From Physiology to Pathology"
City of event: Santiago de Compostela, España,
Date of event: 22/07/2015
Irene Galiana Guillem; Cristina Giménez Morales; Cristina Pantoja; Daniel Muñoz; Elena Aznar Gimeno; Félix Sancenón Galarza; María Dolores Marcos Martínez; José Ramón Murguía Ibáñez; Manuel Serrano; Ramón Martínez Mañez. pp. 0 - 0.
- 157 Title of the work:** Enhanced Stability of Folic Acid by Encapsulation in PhResponsive Gated Mesoporous Silica Particles
Name of the conference: 6th International Conference on Nanotechnology: Fundamentals and Applications (INCFA'15)
City of event: Barcelona, Spain,
Date of event: 17/07/2015
María Ruiz Rico; Hanna Daubenschütz; Edgar Pérez Esteve; José Manuel Barat Baviera; Ramón Martínez Mañez. pp. 416 - 417.
- 158 Title of the work:** Validation of Caenorhabditis elegans as an in vivo model for nanotoxicological studies of mesoporous silica particles
Name of the conference: 6th International Conference on Nanotechnology: Fundamentals and Applications (INCFA'15)
City of event: Barcelona, Spain,
Date of event: 17/07/2015

Carolina Acosta Romero; José Manuel Barat Baviera; Ramón Martínez Mañez; Mar Orzaez; Patricia Martorell; Salvador Genovés; Daniel Ramón; Núria González; Silvia Llopis. pp. 422 - 422.

159 Title of the work: Aptamer-gated supports as optical probes for small molecules

Name of the conference: VII Workshop en Nanociencia y Nanotecnología Analíticas = VII Workshop on Nanoscience and Nanotechnology (NyNA 2015)

City of event: Salamanca, España,

Date of event: 08/07/2015

Ángela Ribes Momparler; Elena Aznar Gimeno; Félix Sancenón Galarza; Lluís Marsal; Ramón Martínez Mañez. "Abstracts book of VII Workshop on Analytical Nanoscience and Nanotechnology". pp. 140 - 141. Fundación General de la Universidad de Salamanca,

160 Title of the work: Janus nanoparticles-based enzyme powered nanomachines

Name of the conference: VII Workshop en Nanociencia y Nanotecnología Analíticas = VII Workshop on Nanoscience and Nanotechnology (NyNA 2015)

City of event: Salamanca, España,

Date of event: 08/07/2015

Reynaldo Villalonga; J.M. Pingarrón; Ramón Martínez Mañez; Paula Díez; Alfredo Sanchez; María Gamella; Elena Aznar Gimeno; Cristina De la Torre Paredes; Paloma Martínez Ruiz; José Ramón Murguía Ibáñez. "Abstracts book of VII Workshop on Analytical Nanoscience and Nanotechnology". pp. 53 - 55. Fundación General de la Universidad de Salamanca,

161 Title of the work: Mesoporous silica nanoparticles for Mycoplasma genomic DNA recognition

Name of the conference: VII Workshop en Nanociencia y Nanotecnología Analíticas = VII Workshop on Nanoscience and Nanotechnology (NyNA 2015)

City of event: Salamanca, España,

Date of event: 08/07/2015

Lluís Pascual Vidal; Isabel Baroja; Elena Aznar Gimeno; Félix Sancenón Galarza; José Ramón Murguía Ibáñez; Ramón Martínez Mañez. "Abstracts book of VII Workshop on Analytical Nanoscience and Nanotechnology". pp. 167 - 169. Fundación General de la Universidad de Salamanca,

162 Title of the work: A BODIPY-based bipyridine-CuII complex for the highly selective detection of NO

Name of the conference: IX International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2015

Andrea Barba Bon; L.A. JUAREZ; ANA MARIA COSTERO NIETO; Ramón Martínez Mañez; Félix Sancenón Galarza; MARGARITA PARRA ALVAREZ; Pablo Gaviña Costero; M^o CARMEN TERCENIO SILVESTRE; M^a JOSE ALCARAZ TORMO. "IX International Workshop on Sensors and Molecular Recognition". pp. 94 - 98.

163 Title of the work: A new photodynamic therapy active-BODIPY molecule: synthesis and in vitro characterization

Name of the conference: IX International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2015

MÓNICA GORBE MOYA; Andrea Barba Bon; Cristina De la Torre Paredes; ANA MARIA COSTERO NIETO; José Ramón Murguía Ibáñez; Félix Sancenón Galarza; Ramón Martínez Mañez. "IX International Workshop on Sensors and Molecular Recognition". pp. 321 - 327.

164 Title of the work: Azo molecular gate in magnetic silica mesoporous material MCM-41 aiming colon epithelial delivery to treat Inflammatory Bowel Diseases

Name of the conference: IX International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2015

ADRIÁN HERNÁNDEZ TERUEL; M^a Carmen Coll Merino; Beatriz Lozano Torres; Félix Sancenón Galarza; Marta Gonzalez Alvarez; VIRGINIA MERINO SANJUÁN; Ramón Martínez Mañez. "IX International Workshop on Sensors and Molecular Recognition". pp. 0 - 0.

165 Title of the work: Chromo-fluorogenic imidazoquinoline derivatives as sensors for ions recognition

Name of the conference: IX International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2015

Cristina Marín Hernández; Anita Toscani; M.M. RAPOSO; Félix Sancenón Galarza; Ramón Martínez Mañez. "IX International Workshop on Sensors and Molecular Recognition". pp. 46 - 50.

166 Title of the work: Cocaine detection using gated mesoporous silicon films

Name of the conference: IX International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2015

Luis Plá Blasco; Raffaele Caroselli; Félix Sancenón Galarza; Ramón Martínez Mañez. "IX International Workshop on Sensors and Molecular Recognition". pp. 0 - 0.

167 Title of the work: Colaboración IDM-HUPLaFe para la búsqueda de biomarcadores de cáncer urológico mediante técnicas metabolómicas y electroquímicas

Name of the conference: IX International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2015

María Carmen Martínez Bisbal; Alba Loras Monfort; Guillermo Quintás; Lluís Pascual Vidal; Inmaculada Campos Sánchez; Patricia Zaragoza Torres; SALVADOR GIL GRAU; ANA MARIA COSTERO NIETO; Miguel Alcañiz Fillol; JL RUIZ CERDÁ; José Luís Vivancos Bono; Ramón Martínez Mañez. "IX International Workshop on Sensors and Molecular Recognition". pp. 271 - 273.

168 Title of the work: Combining Smart Silica Mesoporous Nanoparticles to Fight Breast Carcinoma

Name of the conference: IX International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2015

Amelia Último; Raquel Nuez Díaz; Elena Aznar Gimeno; Félix Sancenón Galarza; María Dolores Marcos Martínez; Ramón Martínez Mañez; José Ramón Murguía Ibáñez. "IX International Workshop on Sensors and Molecular Recognition". pp. 187 - 190.

169 Title of the work: Design and Synthesis of a Molecular Gate for the Recognition of Cyanide based on Hybrid Mesoporous Silica Nanoparticles

Name of the conference: IX International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2015

Antoni Llopis Lorente; Félix Sancenón Galarza; Ramón Martínez Mañez. "IX International Workshop on Sensors and Molecular Recognition". pp. 137 - 139.

170 Title of the work: Design of Theranostic Nanosystems for Controlled Drug Delivery Under an Alternating Magnetic Field

Name of the conference: IX International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2015

SANTIAGO SÁNCHEZ CABEZAS; ROBERTO MONTES ROBLES; Eduardo Ruiz Hernández; Elena Aznar Gimeno; Félix Sancenón Galarza; Ramón Martínez Mañez. "IX International Workshop on Sensors and Molecular Recognition". pp. 0 - 0.

171 Title of the work: Development of intelligent nanodispositives for controlled delivery of bioactive molecules in small intestine

Name of the conference: IX International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2015

Elisa Poyatos Racionero; Edgar Pérez Esteve; María Dolores Marcos Martínez; Ramón Martínez Mañez. "IX International Workshop on Sensors and Molecular Recognition". pp. 287 - 290.

172 Title of the work: Efecto del tamaño de partícula en la estabilidad de partículas mesoporosas de óxido de silicio durante un proceso de digestión in vitro

Name of the conference: IX International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2015

Edgar Pérez Esteve; María Ruiz Rico; María Dolores Marcos Martínez; Félix Sancenón Galarza; Ramón Martínez Mañez; José Manuel Barat Baviera. "IX International Workshop on Sensors and Molecular Recognition". pp. 178 - 181.

173 Title of the work: Encapsulation of 5-formyltetrahydrofolate in pH-responsive gated mesoporous silica particles

Name of the conference: IX International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2015

María Ruiz Rico; Hanna Daubenschütz; Edgar Pérez Esteve; María Dolores Marcos Martínez; Ramón Martínez Mañez; José Manuel Barat Baviera. "IX International Workshop on Sensors and Molecular Recognition". pp. 218 - 222.

174 Title of the work: Enzyme-responsive gated mesoporous bioglass as controlled delivery system

Name of the conference: IX International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2015

Lorena Polo Aguado; Natividad Gómez Cerezo; Elena Aznar Gimeno; José Luís Vivancos Bono; María Vallet Regí; Ramón Martínez Mañez. "IX International Workshop on Sensors and Molecular Recognition". pp. 251 - 255.

175 Title of the work: Formaldehyde detection in gas phase using hybrid silica materials

Name of the conference: IX International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2015

Lluís Pascual Vidal; SAMEH EL SAYED SHEHATA NASR; Félix Sancenón Galarza; Maurizio Licchelli; Ramón Martínez Mañez. "IX International Workshop on Sensors and Molecular Recognition". pp. 263 - 265.

176 Title of the work: Galacto-oligosaccharide-gated silica nanoparticles for targeting senescent cells

Name of the conference: IX International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2015

Regina Bou; Irene Galiana Guillem; Cristina Giménez Morales; Elena Aznar Gimeno; Félix Sancenón Galarza; María Dolores Marcos Martínez; José Ramón Murguía Ibáñez; Ramón Martínez Mañez. "IX International Workshop on Sensors and Molecular Recognition". pp. 196 - 199.

- 177 Title of the work:** Gated nanoparticles as drug delivery system for senescent cells
Name of the conference: IX International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 07/07/2015
Cristina Giménez Morales; Irene Galiana Guillem; Daniel Muñoz; Elena Aznar Gimeno; Félix Sancenón Galarza; María Dolores Marcos Martínez; José Ramón Murguía Ibáñez; Ramón Martínez Mañez; Manuel Serrano. "IX International Workshop on Sensors and Molecular Recognition". pp. 328 - 329.
- 178 Title of the work:** Gated nanostructured supports for the detection of Cocaine
Name of the conference: IX International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 07/07/2015
Ángela Ribes Momparler; Elena Aznar Gimeno; Félix Sancenón Galarza; F Lluís Marsal; Ramón Martínez Mañez. "IX International Workshop on Sensors and Molecular Recognition". pp. 312 - 315.
- 179 Title of the work:** High Power and High Frequency inverter for hyperthermia applications
Name of the conference: IX International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 07/07/2015
ROBERTO MONTES ROBLES; SANTIAGO SÁNCHEZ CABEZAS; Francisco Javier Ibáñez Civera; Ramón Martínez Mañez; Eduardo García Breijo. "IX International Workshop on Sensors and Molecular Recognition". pp. 82 - 85.
- 180 Title of the work:** Influence of encapsulation on folic acid stability after incorporation in a real food system
Name of the conference: IX International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 07/07/2015
María Ruiz Rico; Edgar Pérez Esteve; María Dolores Marcos Martínez; Ramón Martínez Mañez; José Manuel Barat Baviera. "IX International Workshop on Sensors and Molecular Recognition". pp. 214 - 217.
- 181 Title of the work:** Mesoporous Silica Nanoparticles Functionalized with Cyclodextrin- 2,4-Dinitrophenylether Supramolecular Ensembles for the Detection of Hydrogen Sulfide in Water
Name of the conference: IX International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 07/07/2015
Antoni Llopis Lorente; Félix Sancenón Galarza; Ramón Martínez Mañez. "IX International Workshop on Sensors and Molecular Recognition". pp. 133 - 136.
- 182 Title of the work:** Nanopartículas mesoporosas de sílice para targeting y liberación controlada en un modelo celular de senescencia
Name of the conference: IX International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 07/07/2015
Irene Galiana Guillem; Cristina Giménez Morales; Regina Bou; Elena Aznar Gimeno; Félix Sancenón Galarza; María Dolores Marcos Martínez; José Ramón Murguía Ibáñez; Ramón Martínez Mañez. "IX International Workshop on Sensors and Molecular Recognition". pp. 148 - 151.
- 183 Title of the work:** Pseudo-rotaxane capped mesoporous silica nanoparticles for melamine detection
Name of the conference: IX International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 07/07/2015

Beatriz Lozano Torres; Lluís Pascual Vidal; Félix Sancenón Galarza; Ramón Martínez Mañez. "IX International Workshop on Sensors and Molecular Recognition". pp. 266 - 268.

184 Title of the work: REPROGRAMMING CANCER STEM CELLS AS A NEW THERAPEUTIC STRATEGY

Name of the conference: IX International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2015

MÓNICA GORBE MOYA; Irene Galiana Guillem; Rosa Farràs; José Ramón Murguía Ibáñez; Ramón Martínez Mañez. "IX International Workshop on Sensors and Molecular Recognition". pp. 76 - 76.

185 Title of the work: Rapid green biosynthesis of Silver Nanoparticles using Solanum muricatum leaves extract under microwave-assistance and characterization of its anticancer activity

Name of the conference: IX International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2015

MÓNICA GORBE MOYA; Bhat Ravishankar; Elena Aznar Gimeno; A. Venkataraman; Ramón Martínez Mañez. "IX International Workshop on Sensors and Molecular Recognition". pp. 316 - 320.

186 Title of the work: Selección de variables en señales de Lengua Electrónica Voltamétrica

Name of the conference: IX International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2015

María Carmen Martínez Bisbal; Noèlia Carbó Mestre; Javier López Carrero; Miguel Alcañiz Fillol; Javier García Castillo; E. Olivas; Francisco José Tejadillos; Ramón Martínez Mañez. "IX International Workshop on Sensors and Molecular Recognition". pp. 307 - 310.

187 Title of the work: Selective and sensitive chromogenic detection of trivalent metal cations in water

Name of the conference: IX International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2015

Beatriz Lozano Torres; SAMEH EL SAYED SHEHATA NASR; Félix Sancenón Galarza; Ramón Martínez Mañez. "IX International Workshop on Sensors and Molecular Recognition". pp. 302 - 304.

188 Title of the work: Selective chromo-fluorogenic detection of trivalent cations in aqueous environments using a dehydration reaction

Name of the conference: IX International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2015

MARIA LO PRESTI; SAMEH EL SAYED SHEHATA NASR; Ramón Martínez Mañez; Félix Sancenón Galarza. "IX International Workshop on Sensors and Molecular Recognition". pp. 40 - 43.

189 Title of the work: Sensitive Detection of DNA and Drugs by Combining Surface Enhanced Raman Scattering and Gated Materials

Name of the conference: IX International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 07/07/2015

María del Mar Oroval Cucarella; Marc Coronado Puchau; Judith Langer; Marta Norah Sanz Ortiz; María Dolores Marcos Martínez; L.M. LIZ-MARZÁN; Ramón Martínez Mañez. "IX International Workshop on Sensors and Molecular Recognition". pp. 223 - 228.



- 190 Title of the work:** Synthesis of a new hybrid material as Self-inmulative molecular gate
Name of the conference: IX International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 07/07/2015
L.A. JUAREZ; ANA MARIA COSTERO NIETO; MARGARITA PARRA ALVAREZ; SALVADOR GIL GRAU; Félix Sancenón Galarza; Ramón Martínez Mañez. "IX International Workshop on Sensors and Molecular Recognition". pp. 311 - 311.
- 191 Title of the work:** Targeting the inflammasome using smart nanodevices
Name of the conference: IX International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 07/07/2015
Alba García Fernández; Guillermo García Laínez; M^a LUISA FERRANDIZ MANGLANO; Elena Aznar Gimeno; Félix Sancenón Galarza; M^a JOSE ALCARAZ TORMO; José Ramón Murguía Ibáñez; Ramón Martínez Mañez; Mar Orzáez. "IX International Workshop on Sensors and Molecular Recognition". pp. 240 - 244.
- 192 Title of the work:** Toward the Design of Smart Delivery Systems Controlled by Integrated Enzyme-Based Biocomputing Ensembles
Name of the conference: IX International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 07/07/2015
Cristina De la Torre Paredes; Paula Díez; Alfredo Sanchez; Reynaldo Villalonga; Ramón Martínez Mañez. "IX International Workshop on Sensors and Molecular Recognition". pp. 292 - 296.
- 193 Title of the work:** Toxicity evaluation of functionalized mesoporous silica nanoparticles in C. elegans as in vivo model
Name of the conference: IX International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 07/07/2015
Carolina Acosta Romero; M^a Carmen Coll Merino; Patricia Martorell; Daniel Ramón; José Manuel Barat Baviera; Ramón Martínez Mañez. "IX International Workshop on Sensors and Molecular Recognition". pp. 109 - 112.
- 194 Title of the work:** Use of Mesoporous Silica Particles in human food: benefits and potential limitations
Name of the conference: IX International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 07/07/2015
Edgar Pérez Esteve; María Ruiz Rico; Ramón Martínez Mañez; José Manuel Barat Baviera. "IX International Workshop on Sensors and Molecular Recognition". pp. 174 - 177.
- 195 Title of the work:** Utilización de lengua electrónica voltamétrica para mediciones de NH₄⁺ en aguas residuales en un equipo on-line
Name of the conference: IX International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 07/07/2015
Noèlia Carbó Mestre; María Carmen Martínez Bisbal; Javier López Carrero; Miguel Alcañiz Fillol; J.Guillermo Berlanga Clavijo; E. Olivas; Ramón Martínez Mañez. "IX International Workshop on Sensors and Molecular Recognition". pp. 259 - 261.

- 196** **Title of the work:** Efecto de diferentes materiales de óxido de silicio sobre la viabilidad bacteriana
Name of the conference: III Congreso Internacional de Calidad y Seguridad Alimentaria ACOFESAL
City of event: Valencia,
Date of event: 12/06/2015
María Ruiz Rico; Edgar Pérez Esteve; Ana Isabel Jiménez Belenguer; Ramón Martínez Mañez; José Manuel Barat Baviera. "III Congreso Internacional de Calidad y Seguridad Alimentaria ACOFESAL". pp. 87 - 87. ACOFESAL,
- 197** **Title of the work:** Evaluation of bioactive garlic compounds entrapped into a gated mesoporous silica system
Name of the conference: III Congreso Internacional de Calidad y Seguridad Alimentaria ACOFESAL
City of event: Valencia,
Date of event: 12/06/2015
Carolina Acosta Romero; José Manuel Barat Baviera; Ramón Martínez Mañez; Mar Orzaez. "III Congreso Internacional de Calidad y Seguridad Alimentaria ACOFESAL". pp. 134 - 134. ACOFESAL,
- 198** **Title of the work:** Matrices porosas de óxido de silicio como soportes para la encapsulación de compuestos bioactivos: un análisis desde la seguridad alimentaria
Name of the conference: III Congreso Internacional de Calidad y Seguridad Alimentaria ACOFESAL
City of event: Valencia,
Date of event: 12/06/2015
Edgar Pérez Esteve; María Ruiz Rico; Ramón Martínez Mañez; José Manuel Barat Baviera. "III Congreso Internacional de Calidad y Seguridad Alimentaria ACOFESAL". pp. 57 - 57. ACOFESAL,
- 199** **Title of the work:** Hybrid nanocomposites for encapsulation and controlled release of antioxidant phenoli compounds
Name of the conference: VIII Congreso Nacional de Ciencia y Tecnología de los Alimentos (CyTA/CESIA 2015)
City of event: Badajoz,
Date of event: 10/04/2015
Carlos Alberto Fuenmayor Bobadilla; Carolina Acosta Romero; Edgar Pérez Esteve; Félix Sancenón Galarza; Pilar Hernández Muñoz; Rafael Gavara; Maria Stella Cosio; José Manuel Barat Baviera; María Dolores Marcos Martínez; Ramón Martínez Mañez. "VIII Congreso CYTA/CESIA "Conocimiento para una estrategia de especialización inteligente del sector alimentario". Libro de ponencias y comunicaciones". pp. 244 - 244. Universidad de Extremadura,
- 200** **Title of the work:** Surface functionalization of silica nanoparticles to reduce toxicity of nanomaterials for food applications
Name of the conference: VIII Congreso Nacional de Ciencia y Tecnología de los Alimentos (CyTA/CESIA 2015)
City of event: Badajoz,
Date of event: 10/04/2015
Carolina Acosta Romero; José Manuel Barat Baviera; Ramón Martínez Mañez; Silvia Llopis; Nuria Gonzalez; Daniel Ramón; Salvador Genovés; Patricia Martorell. "VIII Congreso CYTA/CESIA "Conocimiento para una estrategia de especialización inteligente del sector alimentario". Libro de ponencias y comunicaciones". pp. 208 - 208. Universidad de Extremadura,
- 201** **Title of the work:** Micropartículas de sílice sensibles a pH para el tratamiento de la giardiasis
Name of the conference: XII Congreso de la Sociedad Española de Farmacia Industrial y Galénica
City of event: Barcelona,
Date of event: 28/01/2015



marta Gonzalez-Alvarez; M^a Carmen Coll Merino; Veronica Vivancos; Elena Aznar Gimeno; Félix Sancenón Galarza; Isabel Gonzalez-Alvarez; MARÍA DEL VAL BERMEJO; María auxiliadora Dea; Ramón Martínez Mañez. pp. 0 - 0.

202 Title of the work: DESARROLLO DE SCAFFOLDS FUNCIONALES PARA EL TRATAMIENTO Y PREVENCIÓN DE LA INFECCIÓN EN PROCESOS DE REGENERACIÓN ÓSEA

Name of the conference: I Congreso Biomedicina Predocs Valencia

City of event: Valencia, Spain,

Date of event: 28/11/2014

Lorena Polo Aguado; Nuria Mas Font; Isabel Izquierdo Barba; Elena Aznar Gimeno; Ramón Martínez Mañez; J. Carlos Doadrio; María Dolores Marcos Martínez; María Vallet Regí; Félix Sancenón Galarza. pp. 0 - 0.

203 Title of the work: Design of folate encapsulation systems through nanotechnonology

Name of the conference: 28th EFFoST International Conference. 7th International Food Factory for the Future Conference

City of event: Uppsala, Sweden,

Date of event: 28/11/2014

Edgar Pérez Esteve; María Ruiz Rico; Andrea Bernardos Bau; Ramón Martínez Mañez; José Manuel Barat Baviera. pp. 7 - 7.

204 Title of the work: ELECTRONIC TONGUES FOR THE CONTROL AND MONITORING OF THE INTEGRAL WATER CYCLE□e-TONGUE4WAT□

Name of the conference: X Congreso Internacional Asociación Española de Desalación y Reutilización (AEDyR)

City of event: Sevilla, España,

Date of event: 28/11/2014

J.Guillermo Berlanga Clavijo; E. Olivas; Javier García Castillo; M García; C Ferrer; Edwin Loeff .; María Carmen Martínez Bisbal; Juan Soto Camino; Ramón Martínez Mañez. pp. 1 - 3.

205 Title of the work: Effect of mesoporous silica particles on bacterial viability

Name of the conference: 28th EFFoST International Conference. 7th International Food Factory for the Future Conference

City of event: Uppsala, Sweden,

Date of event: 28/11/2014

María Ruiz Rico; Edgar Pérez Esteve; Ana Isabel Jiménez Belenguer; Ramón Martínez Mañez; José Manuel Barat Baviera. pp. 98 - 98.

206 Title of the work: Enhanced antifungal efficacy of tebuconazole using gated pH-driven mesoporous silica nanoparticles

Name of the conference: I Congreso Biomedicina Predocs Valencia

City of event: Valencia, Spain,

Date of event: 28/11/2014

Irene Galiana Guillem; Nuria Mas Font; Silvia Hurtado Cortegana; Laura Mondragón Martínez; Andrea Bernardos Bau; Félix Sancenón Galarza; María Dolores Marcos Martínez; PEDRO AMOROS DEL TORO; Nuria Abril Utrillas; Ramón Martínez Mañez; José Ramón Murguía Ibáñez. pp. 0 - 0.

207 Title of the work: Influence of the addition of Mesoporous Silica Particles on physical properties of "cuajada"

Name of the conference: 28th EFFoST International Conference. 7th International Food Factory for the Future Conference

City of event: Uppsala, Sweden,

Date of event: 28/11/2014

Edgar Pérez Esteve; María Ruiz Rico; Ramón Martínez Mañez; José Manuel Barat Baviera. pp. 1 - 1.

- 208 Title of the work:** Inhibitory effect of encapsulated caprylic acid on *Escherichia coli*
Name of the conference: 28th EFFoST International Conference. 7th International Food Factory for the Future Conference
City of event: Uppsala, Sweden,
Date of event: 28/11/2014
María Ruiz Rico; Edgar Pérez Esteve; Ana Isabel Jiménez Belenguer; Ramón Martínez Mañez; José Manuel Barat Baviera. pp. 1 - 1.
- 209 Title of the work:** Chromo-Fluorogenic BODIPY-complexes for Selective Detection of V-type Nerve Agent Surrogate
Name of the conference: XI Simposio de Investigadores Jóvenes RSEQ-Sigma Aldrich
City of event: Bilbao,
Date of event: 07/11/2014
Andrea Barba Bon; ANA MARIA COSTERO NIETO; SALVADOR GIL GRAU; Ramón Martínez Mañez; Félix Sancenón Galarza. pp. 161 - 161.
- 210 Title of the work:** Bactericidal effect of encapsulated caprylic acid on *Listeria monocytogenes*
Name of the conference: International Conference on Antimicrobial Research (ICAR 2014)
City of event: Madrid, Spain,
Date of event: 03/10/2014
María Ruiz Rico; Edgar Pérez Esteve; Ana Isabel Jiménez Belenguer; Ramón Martínez Mañez; M^a Antonia Ferrús Pérez; José Manuel Barat Baviera. "Multidisciplinary approach for studying and combating microbial pathogens". pp. 0 - 0. BrownWalker Press,
- 211 Title of the work:** Dual sensor based on molecular gates and plasmonic structures
Name of the conference: 40th International Conference on Micro and Nano Engineering (MNE 2014)
City of event: Lausanne, Switzerland,
Date of event: 26/09/2014
Amadeu Griol Barres; Estela Climent Terol; Rubén Ortuño Molinero; Laurent Christophe Bellieres .; Maria Clara Gonçalves; Cristina Giménez Morales; José Manuel Barat Baviera; Ángel Maquieira Catala; Ramón Martínez Mañez; Javier Martí Sendra. pp. 1 - 1.
- 212 Title of the work:** Glucose Detection in Simulated Human Blood Plasma Using Enzyme-Gated Mesoporous Silica Nanoparticles
Name of the conference: 1st International Caparica Conference on Chromogenic and Emissive Materials (IC3EM 2014)
City of event: Lisbon, Portugal,
Date of event: 10/09/2014
María del Mar Oroval Cucarella; Elena Aznar Gimeno; Reynaldo Villalonga; Paula Díez; María Dolores Marcos Martínez; Ramón Martínez Mañez; José M Pingarrón. "1st International Caparica Conference on Chromogenic and Emissive Materials, Book of abstracts". pp. 69 - 69. Proteomass Scientific Society,
- 213 Title of the work:** A new BODIPY-based fluorogenic chemosensor for trivalent cations as a new photosensitizer molecule for photodynamic therapy
Name of the conference: VIII International Workshop on Sensors and Molecular Recognition
City of event: Burjassot, Spain,
Date of event: 04/07/2014
Mónica Gorbe; Cristina De la Torre Paredes; Andrea Barba Bon; José Ramón Murguía Ibáñez; ANA MARIA COSTERO NIETO; Ramón Martínez Mañez; Félix Sancenón Galarza. "VIII International Workshop on Sensors and Molecular Recognition". pp. 155 - 160. Universitat de Valencia,

- 214 Title of the work:** Cinéticas de liberación de ácido fólico desde diferentes partículas porosas de óxido de silicio durante un proceso de digestión in vitro
Name of the conference: VIII International Workshop on Sensors and Molecular Recognition
City of event: Burjassot, Spain,
Date of event: 04/07/2014
Edgar Pérez Esteve; María Ruiz Rico; María Dolores Marcos Martínez; Ramón Martínez Mañez; José Manuel Barat Baviera. "VIII International Workshop on Sensors and Molecular Recognition". pp. 146 - 150. Universitat de Valencia,
- 215 Title of the work:** Colorimetric detection of hazardous gases using a portable capturing and processing system
Name of the conference: VIII International Workshop on Sensors and Molecular Recognition
City of event: Burjassot, Spain,
Date of event: 04/07/2014
ROBERTO MONTES ROBLES; María Esperanza Moragues Pons; Patricia Zaragoza Torres; José Luís Vivancos Bono; Francisco Javier Ibáñez Civera; RUBEN FRAILE MUÑOZ; Ramón Martínez Mañez; Eduardo García Breijo. "VIII International Workshop on Sensors and Molecular Recognition". pp. 23 - 28. Universitat de Valencia,
- 216 Title of the work:** Colorimetric sensor array for the detection and discrimination of organophosphorus pesticides
Name of the conference: VIII International Workshop on Sensors and Molecular Recognition
City of event: Burjassot, Spain,
Date of event: 04/07/2014
Daniel Ferri; PABLO GAVIÑA; ANA MARIA COSTERO NIETO; MARGARITA PARRA ALVAREZ; José Luís Vivancos Bono; Ramón Martínez Mañez. "VIII International Workshop on Sensors and Molecular Recognition". pp. 14 - 17. Universitat de Valencia,
- 217 Title of the work:** Desarrollo de scaffolds funcionales para el tratamiento y prevención de la infección en implantes óseos
Name of the conference: VIII International Workshop on Sensors and Molecular Recognition
City of event: Burjassot, Spain,
Date of event: 04/07/2014
Lorena Polo Aguado; Nuria Mas Font; Isabel Izquierdo Barba; Elena Aznar Gimeno; Ramón Martínez Mañez; J. Carlos Doadrio; María Dolores Marcos Martínez; María Vallet Regí; Félix Sancenón Galarza. "VIII International Workshop on Sensors and Molecular Recognition". pp. 171 - 176. Universitat de Valencia,
- 218 Title of the work:** Detección de bisfenol a utilizando aptameros específicos como sistema de puerta molecular
Name of the conference: VIII International Workshop on Sensors and Molecular Recognition
City of event: Burjassot, Spain,
Date of event: 04/07/2014
Ángela Ribes Momparler; Lluís Pascual Vidal; Isabel Baroja; Elena Aznar Gimeno; Félix Sancenón Galarza; María Dolores Marcos Martínez; Ramón Martínez Mañez. "VIII International Workshop on Sensors and Molecular Recognition". pp. 281 - 284. Universitat de Valencia,
- 219 Title of the work:** Diseño de un equipo on-line para mediciones basados en lenguas electrónicas voltamétricas para el control y monitorización de agua residual en un edar
Name of the conference: VIII International Workshop on Sensors and Molecular Recognition
City of event: Burjassot, Spain,
Date of event: 04/07/2014

Edwin Loeff.; F. Naváez; Ramón Martínez Mañez; Miguel Alcañiz Fillol; Juan Soto Camino; Inmaculada Campos Sánchez; J. Guillermo Berlanga Clavijo; E. Olivas. "VIII International Workshop on Sensors and Molecular Recognition". pp. 182 - 184. Universitat de Valencia,

220 Title of the work: Diseño y caracterización de un yogur enriquecido con ácido fólico con bioaccesibilidad controlada

Name of the conference: VIII International Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Spain,

Date of event: 04/07/2014

Edgar Pérez Esteve; Ana Fuentes López; Ramón Martínez Mañez; José Manuel Barat Baviera. "VIII International Workshop on Sensors and Molecular Recognition". pp. 47 - 52. Universitat de Valencia,

221 Title of the work: Fluorogenic detection of Hydrogen Sulfide in water using MCM-41 based hybrid material functionalized with Cu(II)-macrocyclic complex subunits

Name of the conference: VIII International Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Spain,

Date of event: 04/07/2014

SAMEH EL SAYED SHEHATA NASR; MICHELE MILANI; Maurizio Licchelli; Ramón Martínez Mañez; Félix Sancenón Galarza. "VIII International Workshop on Sensors and Molecular Recognition". pp. 72 - 77. Universitat de Valencia,

222 Title of the work: Liberación controlada de fármacos en un modelo celular de senescencia

Name of the conference: VIII International Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Spain,

Date of event: 04/07/2014

Irene Galiana Guillem; Cristina Giménez Morales; Elena Aznar Gimeno; Félix Sancenón Galarza; María Dolores Marcos Martínez; José Ramón Murguía Ibáñez; Ramón Martínez Mañez. "VIII International Workshop on Sensors and Molecular Recognition". pp. 240 - 246. Universitat de Valencia,

223 Title of the work: Materiales híbridos funcionalizados con DNA para el reconocimiento de patógenos bacterianos del género mycoplasma

Name of the conference: VIII International Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Spain,

Date of event: 04/07/2014

Lluís Pascual Vidal; Isabel Baroja; Elena Aznar Gimeno; Félix Sancenón Galarza; José Ramón Murguía Ibáñez; Ramón Martínez Mañez. "VIII International Workshop on Sensors and Molecular Recognition". pp. 41 - 46. Universitat de Valencia,

224 Title of the work: Medidas basados en lenguas electrónicas voltamétricas para el control y monitorización de agua residual en un edar

Name of the conference: VIII International Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Spain,

Date of event: 04/07/2014

Edwin Loeff.; Ramón Martínez Mañez; Miguel Alcañiz Fillol; Juan Soto Camino; Inmaculada Campos Sánchez; J. Guillermo Berlanga Clavijo; E. Olivas; J. Bausa. "VIII International Workshop on Sensors and Molecular Recognition". pp. 185 - 187. Universitat de Valencia,

225 Title of the work: Modulation of fluoro-chromogenic sensing abilities of new imidazo-anthraquinone derivatives for anion and cation recognition

Name of the conference: VIII International Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Spain,

Date of event: 04/07/2014

Cristina Marín Hernández; Luis Enrique Santos Figueroa; SAMEH EL SAYED SHEHATA NASR; María Esperanza Moragues Pons; M.M. RAPOSO; Félix Sancenón Galarza; Ramón Martínez Mañez. "VIII International Workshop on Sensors and Molecular Recognition". pp. 140 - 145. Universitat de Valencia,

226 Title of the work: New 3d γ -gated scaffolds for enzyme-driven controlled delivery using capped mesoporous silica nanoparticles

Name of the conference: VIII International Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Spain,

Date of event: 04/07/2014

Nuria Mas Font; Daniel Arcos; Lorena Polo Aguado; Elena Aznar Gimeno; Sandra Sánchez Salcedo; Félix Sancenón Galarza; Ana García; María Dolores Marcos Martínez; Alejandro Baeza; María Vallet Regí; Ramón Martínez Mañez. "VIII International Workshop on Sensors and Molecular Recognition". pp. 234 - 239. Universitat de Valencia,

227 Title of the work: Peptide-capped msn for cargo controlled release driven by alpha-human thrombin

Name of the conference: VIII International Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Spain,

Date of event: 04/07/2014

Ravishankar Bhat; Nuria Mas Font; Ángela Ribes Momparler; Elena Aznar Gimeno; José Ramón Murguía Ibáñez; Ramón Martínez Mañez; María Dolores Marcos Martínez; Félix Sancenón Galarza. "VIII International Workshop on Sensors and Molecular Recognition". pp. 84 - 87. Universitat de Valencia,

228 Title of the work: Pulido electroquímico de lenguas electrónicas voltamétricas para la monitorización de agua residual en un edar

Name of the conference: VIII International Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Spain,

Date of event: 04/07/2014

María Carmen Martínez Bisbal; Román Bataller Prats; J.Guillermo Berlanga Clavijo; E. Olivas; Ramón Martínez Mañez; Juan Soto Camino. "VIII International Workshop on Sensors and Molecular Recognition". pp. 290 - 293. Universitat de Valencia,

229 Title of the work: Targeting innate immunity with dsRNA-conjugated nanoparticles promotes anti-tumor effects on breast cancer cells

Name of the conference: VIII International Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Spain,

Date of event: 04/07/2014

Amelia Ultimo; Cristina Giménez Morales; PAVEL BARTOVSKY; Elena Aznar Gimeno; Félix Sancenón Galarza; María Dolores Marcos Martínez; PEDRO AMOROS DEL TORO; Ana R. Bernardo; Ramón Martínez Mañez; Ana M. Jiménez Lara; José Ramón Murguía Ibáñez. "VIII International Workshop on Sensors and Molecular Recognition". pp. 35 - 40. Universitat de Valencia,

230 Title of the work: Targeting lymphoma cells by t22-gated mesoporous silica nanoparticles

Name of the conference: VIII International Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Spain,

Date of event: 04/07/2014

Cristina De la Torre Paredes; Isolda Casanova; Gerardo Acosta; M^a Carmen Coll Merino; María José Moreno; Fernando Albericio; Elena Aznar Gimeno; Ramón Mangues; Miriam Royo; Félix Sancenón Galarza; Ramón Martínez Mañez. "VIII International Workshop on Sensors and Molecular Recognition". pp. 188 - 192. Universitat de Valencia,

231 Title of the work: Fluorogenic detection of Hydrogen Sulfide in water using MCM-41 based hybrid material functionalized with Cu(II)-macrocyclic complex subunits

Name of the conference: International Symposium on Metal Complexes (ISMEC 2014)



City of event: Pavia, Italy,

Date of event: 12/06/2014

SAMEH EL SAYED SHEHATA NASR; MICHELE MILANI; Maurizio Licchelli; Ramón Martínez Mañez; Félix Sancenón Galarza. pp. 121 - 122.

232 Title of the work: Capped mesoporous nanoparticles for the enlargement of vancomycin spectrum of action against resistant bacteria

Name of the conference: 7th IECB Young Scientist Symposium, TRANSBIO

City of event: Burdeos, Francia,

Date of event: 20/05/2014

Irene Galiana Guillem; Nuria Mas Font; Laura Mondragón Martínez; Elena Aznar Gimeno; Estela Climent Terol; Nuria Cabedo Escrig; Félix Sancenón Galarza; José Ramón Murguía Ibáñez; Ramón Martínez Mañez; María Dolores Marcos Martínez; PEDRO AMOROS DEL TORO. pp. 0 - 0.

233 Title of the work: Determination of antimicrobiological activities of encapsulated essential oils using silica supports and cyclodextrins

Name of the conference: EFFoST Annual Meeting (EFFoST 2013)

City of event: Bolonia, Italia,

Date of event: 15/11/2013

Andrea Bernardos Bau; Ramón Martínez Mañez. pp. 0 - 0.

234 Title of the work: Controlled release of 5-Methyltetrahydrofolate encapsulated in mesoporous silica supports capped with "saccharides" under gastrointestinal stimulus

Name of the conference: 20th International Congress of Nutrition

City of event: Granada,

Date of event: 20/09/2013

Edgar Pérez Esteve; José Manuel Barat Baviera; Ramón Martínez Mañez. "Annals of Nutrition and Metabolism. Vol. 63, Suppl. 1, 2013". pp. 1708 - 1709. Karger <http://www.karger.com/Journal/Issue/261117>

235 Title of the work: Cascade chemical communication between hybrid gated nanomaterials

Name of the conference: XXXIV Reunión Bienal de la Real Sociedad Española de Química (RSEQ)

City of event: Santander, Spain,

Date of event: 18/09/2013

Cristina Giménez Morales; Estela Climent Terol; Elena Aznar Gimeno; Andrea Bernardos Bau; Ramón Martínez Mañez; Félix Sancenón Galarza. "XXXIV Reunión Bienal de la Real Sociedad Española de Química". pp. 79 - 79. Universidad de Cantabria,

236 Title of the work: Gated silica mesoporous materials for controlled release and sensing applications

Name of the conference: XXXIV Reunión Bienal de la Real Sociedad Española de Química (RSEQ)

City of event: Santander, Spain,

Date of event: 18/09/2013

Ramón Martínez Mañez. "XXXIV Reunión Bienal de la Real Sociedad Española de Química". pp. 4 - 4. Universidad de Cantabria,

237 Title of the work: ON COMMAND DELIVERY OF SPECIES USING SUBSTRATE-TRIGGERED GATED NANOPARTICLES

Name of the conference: XXXIV Reunión Bienal de la Real Sociedad Española de Química (RSEQ)

City of event: Santander, Spain,

Date of event: 18/09/2013

Elena Aznar Gimeno; Reynaldo Villalonga; Cristina Giménez Morales; Félix Sancenón Galarza; María Dolores Marcos Martínez; Ramón Martínez Mañez; P. Díez; J.M. Pingarrón; PEDRO AMOROS DEL TORO. "XXXIV Reunión Bienal de la Real Sociedad Española de Química". pp. 69 - 69. Universidad de Cantabria,

238 Title of the work: An aptamer-gated silica mesoporous material for thrombin detection

Name of the conference: VI Workshop en Nanociencia y Nanotecnología Analíticas

City of event: Alcalá de Henares, España,

Date of event: 09/07/2013

María del Mar Oroval Cucarella; Estela Climent Terol; M^a Carmen Coll Merino; Ramón Eritja; Anna Aviñó; María Dolores Marcos Martínez; Félix Sancenón Galarza; Ramón Martínez Mañez; PEDRO AMOROS DEL TORO. pp. 172 - 173.

239 Title of the work: Gated silica nanoparticles for recognition and killing of vancomycin resistant gram-negative bacteria.

Name of the conference: VI Workshop en Nanociencia y Nanotecnología Analíticas

City of event: Alcalá de Henares, España,

Date of event: 09/07/2013

Nuria Mas Font; Ramón Martínez Mañez; Elena Aznar Gimeno; Estela Climent Terol; Pedro Amorós; Irene Galiana; Laura Mondragón Martínez; Nuria Cabedo Escrig; José Ramón Murguía Ibáñez; Félix Sancenón Galarza; María Dolores Marcos Martínez. pp. 119 - 120.

240 Title of the work: Janus Au-mesoporous silica nanoparticles as integrated systems for controlled delivery and electrochemical biorecognition-signalling

Name of the conference: VI Workshop en Nanociencia y Nanotecnología Analíticas

City of event: Alcalá de Henares, España,

Date of event: 09/07/2013

Alfredo Sanchez; Reynaldo Villalonga; Paula Díez; Paloma Martinez Ruiz; Elena Aznar Gimeno; Ramón Martínez Mañez; J.M. Pingarrón. pp. 42 - 44.

241 Title of the work: A NEW FLUORESCENT □TURN-ON□ CHEMOSIMETER FOR DIRECT MEASUREMENT OF HYDROGEN SULFIDE IN WATER AND IN LIVING CELLS

Name of the conference: VII International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 05/07/2013

SAMEH EL SAYED SHEHATA NASR; Cristina De la Torre Paredes; Luis Enrique Santos Figueroa; ENRIQUE PEREZ PAYA; Ramón Martínez Mañez; Félix Sancenón Galarza; ANA MARIA COSTERO NIETO; MARGARITA PARRA ALVAREZ; SALVADOR GIL GRAU. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 146 - 153. Autores,

242 Title of the work: A SURFACTANT-ASSISTED PROBE FOR THE CHROMO-FLUOROGENIC SELECTIVE RECOGNITION OF GSH IN WATER

Name of the conference: VII International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 05/07/2013

Alessandro Agostini .; Inmaculada Campos Sánchez; MICHELE MILANI; Ramón Martínez Mañez; M. LICCHELLI; Félix Sancenón Galarza. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 17 - 25. Autores,

243 Title of the work: A novel technique of optoelectronic system for jumbo squid (dosidicus gigas) freshness

Name of the conference: VII International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 05/07/2013

Patricia Zaragoza Torres; Ana Fuentes López; María Ruiz Rico; José Luís Vivancos Bono; Isabel Fernández Segovia; José Vicente Ros Lis; José Manuel Barat Baviera; Ramón Martínez Mañez. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 557 - 562. Autores,

244 Title of the work: AZAMACROCYCLIC-Cu (II) COMPLEX AS A SELECTIVE FLUORESCENT PROBE FOR FAST DETECTION OF HYDROGEN SULFIDE IN LIVING CELL

Name of the conference: VII International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 05/07/2013

Luis Enrique Santos Figueroa; Cristina De la Torre Paredes; Félix Sancenón Galarza; María Teresa Pardo Vicente; Ramón Martínez Mañez. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 499 - 506. Autores,

245 Title of the work: BI-FUNCTIONALISED SILICA NANOPARTICLES FOR COLORIMETRIC DETECTION OF CARBON DIOXIDE

Name of the conference: VII International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 05/07/2013

María Teresa Pardo Vicente; Estela Climent Terol; Alessandro Agostini .; Yolanda Salinas Soler; Ramón Martínez Mañez; Félix Sancenón Galarza; María Dolores Marcos Martínez. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 112 - 122. Autores,

246 Title of the work: CARBON MONOXIDE SIGNALLING BY FLUORESCENCE TURN-ON BASED ON A PYRENYL COMPLEX OF RUTHENIUM(II) [Ru(CH=CHpyrene)Cl(CO)(BTD)(PPh₃)₂] (BTD = 2,1,3-BENZOTHIADIAZOLE)

Name of the conference: VII International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 05/07/2013

María Esperanza Moragues Pons; Anita Toscani; James D. E. T Wilton-Ely; Félix Sancenón Galarza; Ramón Martínez Mañez. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 84 - 84. Autores,

247 Title of the work: CASCADE CHEMICAL COMMUNICATION BETWEEN HYBRID GATED NANOPARTICLES

Name of the conference: VII International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 05/07/2013

Cristina Giménez Morales; Elena Aznar Gimeno; Estela Climent Terol; Andrea Bernardos Bau; Félix Sancenón Galarza; Ramón Martínez Mañez. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 212 - 221. Autores,

248 Title of the work: Capped mesoporous nanoparticles for the enlargement of vancomycin spectrum of action against resistant bacteria

Name of the conference: VII International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 05/07/2013

Irene Galiana Guillem; Nuria Mas Font; Laura Mondragón Martínez; Elena Aznar Gimeno; Estela Climent Terol; Nuria Cabedo Escrig; Félix Sancenón Galarza; José Ramón Murguía Ibáñez; Ramón Martínez Mañez; María Dolores Marcos Martínez; PEDRO AMOROS DEL TORO. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 61 - 61. Autores,

- 249** **Title of the work:** DESARROLLO DE UN NUEVO NANOMATERIAL PARA EL RECONOCIMIENTO DE LA PROTEÍNA PDGF-BB
Name of the conference: VII International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 05/07/2013
Ana Brines Brines; Estela Climent Terol; Cristina Giménez Morales; María del Mar Oroval Cucarella; Elena Aznar Gimeno; José Ramón Murguía Ibáñez; Ramón Martínez Mañez; Félix Sancenón Galarza; María Dolores Marcos Martínez. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 73 - 80. Autores,
- 250** **Title of the work:** DESIGN OF NEW MOLECULAR BIO-GATED SCAFFOLDINGS FOR SELECTIVE TNT DETECTION
Name of the conference: VII International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 05/07/2013
María Teresa Pardo Vicente; Yolanda Salinas Soler; Estela Climent Terol; Ramón Martínez Mañez; Félix Sancenón Galarza; María Dolores Marcos Martínez; PEDRO AMOROS DEL TORO. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 481 - 490. Autores,
- 251** **Title of the work:** DEVELOPMENT OF A CONTROLLED RELEASE SYSTEM TRIGGERED BY GLUCOSE
Name of the conference: VII International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 05/07/2013
Elena Aznar Gimeno; R. Villalonga; Cristina Giménez Morales; Félix Sancenón Galarza; María Dolores Marcos Martínez; Ramón Martínez Mañez; P. Díez; J.M. Pingarrón; PEDRO AMOROS DEL TORO. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 55 - 64. Autores,
- 252** **Title of the work:** Desarrollo de nanodispositivos para la liberación controlada de ácido fólico por vía oral
Name of the conference: VII International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 05/07/2013
Edgar Pérez Esteve; RAFAEL CASILLAS PEÑUELAS; Ramón Martínez Mañez; José Manuel Barat Baviera. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 23 - 23. Autores,
- 253** **Title of the work:** Desarrollo de un nuevo nanodispositivo basado en oro para la liberación controlada mediante temperatura
Name of the conference: VII International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 05/07/2013
María del Mar Oroval Cucarella; Elena Aznar Gimeno; Leyre Gómez; M^a Carmen Coll Merino; Manuel Arruebo; Jesús Santamaría; María Dolores Marcos Martínez; Ramón Martínez Mañez. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 379 - 384. Autores,
- 254** **Title of the work:** Desarrollo de un nuevo sistema de liberación controlada activado mediante glucosa
Name of the conference: VII International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 05/07/2013
Elena Aznar Gimeno; R. Villalonga; Cristina Giménez Morales; Félix Sancenón Galarza; María Dolores Marcos Martínez; Ramón Martínez Mañez; P. Díez; J.M. Pingarrón; PEDRO AMOROS DEL TORO. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 40 - 40. Autores,

- 255** **Title of the work:** Detection and quantification of DCNP, a Tabun mimic, using a humid electronic nose
Name of the conference: VII International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 05/07/2013
Lluís Pascual Vidal; Inmaculada Campos Sánchez; Román Bataller Prats; Ramón Martínez Mañez; Juan Soto Camino. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 94 - 94. Autores,
- 256** **Title of the work:** Detection of chemical warfare and quantification of DCNP, a Tabun mimic, using a novel humid electronic nose
Name of the conference: VII International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 05/07/2013
Lluís Pascual Vidal; Inmaculada Campos Sánchez; Román Bataller Prats; Ramón Martínez Mañez; Juan Soto Camino. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 385 - 392. Autores,
- 257** **Title of the work:** Development of nanodevices for folic acid oral controlled release
Name of the conference: VII International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 05/07/2013
Edgar Pérez Esteve; RAFAEL CASILLAS PEÑUELAS; Ramón Martínez Mañez; José Manuel Barat Baviera. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 416 - 424. Autores,
- 258** **Title of the work:** Diseño de un sistema de detección de agentes nerviosos basado en materiales silíceos mesoporosos mediante el desplazamiento de la enzima acetilcolinesterasa por interacción con sus inhibidores
Name of the conference: VII International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 05/07/2013
Lluís Pascual Vidal; Ramón Martínez Mañez; Juan Soto Camino; Félix Sancenón Galarza. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 393 - 402. Autores,
- 259** **Title of the work:** EFECTO DEL pH EN LA ESTABILIDAD Y EL ESTADO DE AGREGACIÓN DE DIFERENTES MATERIALES MESOPOROSOS DE ÓXIDO DE SILICIO
Name of the conference: VII International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 05/07/2013
M^a Carmen Coll Merino; Edgar Pérez Esteve; RAFAEL CASILLAS PEÑUELAS; Ramón Martínez Mañez; María Teresa Pardo Vicente; José Manuel Barat Baviera. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 123 - 130. Autores,
- 260** **Title of the work:** ENZYME-CONTROLLED RELEASE USING PEPTIDES AS A CAPPING MOLECULES ON MESOPOROUS SILICA SUPPORTS
Name of the conference: VII International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 05/07/2013
Cristina De la Torre Paredes; M^a Carmen Coll Merino; Laura Mondragón Martínez; Ramón Martínez Mañez; Mar Orzáez; CARMEN PEREZ PAYA. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 131 - 137. Autores,

- 261 Title of the work:** EQUIPO PARA ENSAYOS DE HIPERtermia Óptica
Name of the conference: VII International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 05/07/2013
ROBERTO MONTES ROBLES; Francisco Javier Ibáñez Civera; Eduardo García Breijo; Elena Aznar Gimeno; Ramón Martínez Mañez; María del Mar Oroval Cucarella; Nicolás Laguarda Miró; Luís Gil Sánchez. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 563 - 569. Autores,
- 262 Title of the work:** Efecto de la incorporación de diferentes materiales mesoporosos de óxido de silicio en las propiedades mecánicas de geles de gelatina
Name of the conference: VII International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 05/07/2013
Edgar Pérez Esteve; Ramón Martínez Mañez; José Manuel Barat Baviera. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 97 - 97. Autores,
- 263 Title of the work:** Efecto de la incorporación de materiales mesoporosos de óxido de silicio funcionalizados en las propiedades físicas de geles de gelatina
Name of the conference: VII International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 05/07/2013
Laura García López; Edgar Pérez Esteve; Ramón Martínez Mañez; José Manuel Barat Baviera. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 62 - 62. Autores,
- 264 Title of the work:** Effect of the incorporation of functionalised mesoporous silica particles on the physical properties of gelatine gels
Name of the conference: VII International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 05/07/2013
Laura García López; Edgar Pérez Esteve; Ramón Martínez Mañez; José Manuel Barat Baviera. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 192 - 202. Autores,
- 265 Title of the work:** Effect of the incorporation of mesoporous silica particles on the mechanical properties of gelatine gels
Name of the conference: VII International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 05/07/2013
Edgar Pérez Esteve; Laura García López; Ramón Martínez Mañez; José Manuel Barat Baviera. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 403 - 415. Autores,
- 266 Title of the work:** Estudio sobre el proceso de expansión del poro en nanopartículas mesoporosas de sílice empleando procesos hidrotermales y ataque químico
Name of the conference: VII International Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 05/07/2013
Ángela Ribes Momparler; Cristina Giménez Morales; Elena Aznar Gimeno; María Dolores Marcos Martínez; Ramón Martínez Mañez; PEDRO AMOROS DEL TORO. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 439 - 450. Autores,
- 267 Title of the work:** Evaluación de la técnica de cromatografía de gases para la detección y cuantificación de ácido caprílico y caprilato de sodio liberado desde materiales mesoporosos MCM-41 en diferentes medios de liberación

Name of the conference: VII International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 05/07/2013

María Ruiz Rico; Edgar Pérez Esteve; Ramón Martínez Mañez; María Dolores Marcos Martínez; José Manuel Barat Baviera. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 451 - 459. Autores,

268 Title of the work: Fluorescent turn-on probe for fluorescence imaging of hydrogen sulfide in living cells

Name of the conference: VII International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 05/07/2013

SAMEH EL SAYED SHEHATA NASR; Cristina De la Torre Paredes; Luis Enrique Santos Figueroa; Ramón Martínez Mañez; María Teresa Pardo Vicente; Félix Sancenón Galarza. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 19 - 19. Autores,

269 Title of the work: Genómica funcional del mutante CBF5 en levadura

Name of the conference: VII International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 05/07/2013

Miguel Tofiño; RAFAEL APARICIO SANCHIS; José Gadea Vacas; José Ramón Murguía Ibáñez; Ramón Martínez Mañez. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 528 - 538. Autores,

270 Title of the work: MEJORA DEL ESPECTRO DE ACCIÓN DEL ANTIBIÓTICO VANCOMICINA FRENTE A BACTERIAS RESISTENTES MEDIANTE NANOPARTÍCULAS MESOPOROSAS DE SÍLICE CON PUERTA MOLECULAR

Name of the conference: VII International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 05/07/2013

Irene Galiana Guillem; Nuria Mas Font; Laura Mondragón Martínez; Elena Aznar Gimeno; Estela Climent Terol; Nuria Cabedo Escrig; Félix Sancenón Galarza; José Ramón Murguía Ibáñez; Ramón Martínez Mañez; María Dolores Marcos Martínez; PEDRO AMOROS DEL TORO. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 180 - 191. Autores,

271 Title of the work: New antifungal loaded pH-driven nanoparticles for intracellular delivery in yeast cells

Name of the conference: VII International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 05/07/2013

Nuria Mas Font; Irene Galiana Guillem; Silvia Hurtado Cortegana; Laura Mondragón Martínez; Andrea Bernardos Bau; Félix Sancenón Galarza; PEDRO AMOROS DEL TORO; José Ramón Murguía Ibáñez; Ramón Martínez Mañez. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 81 - 81. Autores,

272 Title of the work: New biocide loaded silica nanoparticles for resistant gram-negative bacteria and fungi killing

Name of the conference: VII International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 05/07/2013

Nuria Mas Font; Irene Galiana Guillem; S. Hurtado; Laura Mondragón Martínez; Andrea Bernardos Bau; Elena Aznar Gimeno; Estela Climent Terol; Nuria Cabedo Escrig; Félix Sancenón Galarza; PEDRO AMOROS DEL TORO; María Dolores Marcos Martínez; José Ramón Murguía Ibáñez; Ramón Martínez Mañez. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 281 - 292. Autores,



273 Title of the work: PREPARATION OF NEW CHEMICAL CHROMO-FLUOROGENIC SENSORS FOR THE DETECTION OF ANIONS AND CATIONS BASED ON BENZOCROWN ETHER DERIVATIVES

Name of the conference: VII International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 05/07/2013

Cristina Marín Hernández; Luis Enrique Santos Figueroa; SAMEH EL SAYED SHEHATA NASR; M.M. RAPOSO; Rosa M. F. Batista; Félix Sancenón Galarza; María Teresa Pardo Vicente; Ramón Martínez Mañez. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 272 - 280. Autores,

274 Title of the work: Preparación de nuevos sensores químicos cromo-fluorogénicos basados en derivados de éteres de corona para la detección de aniones y cationes

Name of the conference: VII International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 05/07/2013

Cristina Marín Hernández; Luis Enrique Santos Figueroa; SAMEH EL SAYED SHEHATA NASR; M.M. RAPOSO; Félix Sancenón Galarza; Ramón Martínez Mañez. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 77 - 77. Autores,

275 Title of the work: Redox-responsive nanoparticles as method for monitoring the redox status in living cells

Name of the conference: VII International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 05/07/2013

Mónica Gorbe; Cristina Giménez Morales; Miguel Tofiño; José Ramón Murguía Ibáñez; Ramón Martínez Mañez; Félix Sancenón Galarza. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 238 - 247. Autores,

276 Title of the work: Seguimiento de la liberación controlada de ácido caprílico y caprilato de sodio desde materiales mesoporosos MCM-41 mediante un bioensayo con *Listeria Innocua*

Name of the conference: VII International Workshop on Sensors and Molecular Recognition

City of event: Valencia, España,

Date of event: 05/07/2013

María Ruiz Rico; Laura Van den Berge; Edgar Pérez Esteve; Ramón Martínez Mañez; María Dolores Marcos Martínez; José Manuel Barat Baviera. "VII International Workshop on Sensors and Molecular Recognition. Libro de autores". pp. 460 - 470. Autores,

277 Title of the work: Aplicación de sensores optoelectrónicos en la determinación de vida útil de pota

Name of the conference: II Congreso Internacional Seguridad Alimentaria ACOFESAL

City of event: Madrid, Spain,

Date of event: 21/06/2013

Patricia Zaragozá Torres; Ana Fuentes López; María Ruiz Rico; José Luís Vivancos Bono; Isabel Fernández Segovia; José Vicente Ros Lis; José Manuel Barat Baviera; Ramón Martínez Mañez. "II Congreso Internacional Seguridad Alimentaria ACOFESAL. Libro de resúmenes". pp. 129 - 130. Asociación de Consultores y Formadores de España en Seguridad Alimentaria (Acofesal),

278 Title of the work: Azo dyes functionalized with alkoxysilyl ethers for the chromogenic detection of the fluoride anion

Name of the conference: 40th International Conference on Coordination Chemistry

City of event: Valencia,

Date of event: 13/09/2012

Alessandro Agostini ; MICHELE MILANI; María Esperanza Moragues Pons; Luis Enrique Santos Figueroa; Ramón Martínez Mañez; Maurizio Licchelli; Juan Soto Camino; Félix Sancenón Galarza. "40 International



Conference on Coordination Chemistry.". pp. 260 - 261. Universitat de València. Instituto de Ciencia Molecular,

- 279 Title of the work:** Displacement assays with binuclear rhodium complexes for the fluorogenic recognition and signalling of carbon monoxide

Name of the conference: 40th International Conference on Coordination Chemistry

City of event: Valencia,

Date of event: 13/09/2012

María Esperanza Moragues Pons; Luis Enrique Santos Figueroa; Alessandro Agostini .; Félix Sancenón Galarza; Ramón Martínez Mañez. "40 International Conference on Coordination Chemistry.". pp. 261 - 262. Universitat de València. Instituto de Ciencia Molecular,

- 280 Title of the work:** Study of furyl-thiosemicarbazones as new chemosensors for anion recognition

Name of the conference: 40th International Conference on Coordination Chemistry

City of event: Valencia,

Date of event: 13/09/2012

Luis Enrique Santos Figueroa; María Esperanza Moragues Pons; Alessandro Agostini .; M.M. RAPOSO; Félix Sancenón Galarza; Ramón Martínez Mañez; Juan Soto Camino. "40 International Conference on Coordination Chemistry.". pp. 263 - 264. Universitat de València. Instituto de Ciencia Molecular,

- 281 Title of the work:** A Novel Humid Electronic Nose Based on Voltammetry

Name of the conference: Eurosensors XXVI

City of event: Cracovia, Polonia,

Date of event: 12/09/2012

Román Bataller Prats; Inmaculada Campos Sánchez; Miguel Alcañiz Fillol; Luís Gil Sánchez; Ramón Martínez Mañez; Juan Soto Camino; José Luís Vivancos Bono. "Eurosensors 2012: 26th Conference on Solid-State Transducer". pp. 1 - 2.

- 282 Title of the work:** A novel colorimetric technique for evaluation of fish spoilage

Name of the conference: 2nd Food Safety Workshop

City of event: Valencia, España,

Date of event: 06/07/2012

Patricia Zaragoza Torres; Susana Ribes Llop; Ana Fuentes López; José Luís Vivancos Bono; Isabel Fernández Segovia; José Vicente Ros Lis; José Manuel Baraít Baviera; Ramón Martínez Mañez. "Technologies and Innovations Applied to Food Safety". pp. 391 - 396. Sicura and Food Safety Working Group of The International Commission of Agricultural and Biosystems,

- 283 Title of the work:** A photoactivated molecular gate

Name of the conference: VI Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Valencia,

Date of event: 06/07/2012

Alessandro Agostini .; Félix Sancenón Galarza; Ramón Martínez Mañez; María Dolores Marcos Martínez; Juan Soto Camino; PEDRO AMOROS DEL TORO. "Libro de resúmenes". pp. 1 - 1. Universitat de València,

- 284 Title of the work:** Catepsine B responsive mesoporous nanoparticles

Name of the conference: VI Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Valencia,

Date of event: 06/07/2012

Cristina De la Torre Paredes; M^a Carmen Coll Merino; Laura Mondragón Martínez; Ramón Martínez Mañez; Mar Orzáez; ENRIQUE PEREZ PAYA. "Libro de resúmenes". pp. 39 - 39. Universitat de València,

285 Title of the work: Complejos dinucleares de rodio como inhibidores de la generación de NO en macrófagos estimulados

Name of the conference: VI Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Valencia,

Date of event: 06/07/2012

Rita Brines; María Esperanza Moragues Pons; M^o CARMEN TERCENIO SILVESTRE; M^a LUISA FERRANDIZ MANGLANO; Ramón Martínez Mañez; M^a JOSE ALCARAZ TORMO. "Libro de resúmenes". pp. 88 - 88. Universitat de València,

286 Title of the work: Complejos dinucleares de rodio como inhibidores de la generación de óxido nítrico en macrófagos estimulados

Name of the conference: VI Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Valencia,

Date of event: 06/07/2012

Rita Brines; María Esperanza Moragues Pons; MARIA DEL CARMEN TERCENIO; M.L. Ferrandiz; Ramón Martínez Mañez; M^a JOSE ALCARAZ TORMO. "Libro de resúmenes". pp. 40 - 40. Universitat de València,

287 Title of the work: Comunicación química entre sistemas híbridos de liberación controlada

Name of the conference: VI Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Valencia,

Date of event: 06/07/2012

Cristina Giménez Morales; Elena Aznar Gimeno; Estela Climent Terol; Andrea Bernardos Bau; Ramón Martínez Mañez; Félix Sancenón Galarza; Juan Soto Camino. "Libro de resúmenes". pp. 41 - 41. Universitat de València,

288 Title of the work: Design of new hybrid materials for mycoplasma detection

Name of the conference: VI Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Valencia,

Date of event: 06/07/2012

Estela Climent Terol; Laura Mondragón Martínez; Cristina Giménez Morales; Félix Sancenón Galarza; Ramón Martínez Mañez; María Dolores Marcos Martínez. "Libro de resúmenes". pp. 50 - 50. Universitat de València,

289 Title of the work: Diseño y síntesis de un nuevo material híbrido orgánico e inorgánico para la detección de trombina

Name of the conference: VI Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Valencia,

Date of event: 06/07/2012

María del Mar Oroval Cucarella; M^a Carmen Coll Merino; Estela Climent Terol; Ramon Eritja; Ramón Martínez Mañez. "Libro de resúmenes". pp. 52 - 52. Universitat de València,

290 Title of the work: Displacement assays with binuclear rhodium complexes for the fluorogenic recognition and signalling of carbon monoxide

Name of the conference: VI Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Valencia,

Date of event: 06/07/2012

María Esperanza Moragues Pons; Félix Sancenón Galarza; Ramón Martínez Mañez. "Libro de resúmenes". pp. 11 - 11. Universitat de València,

291 Title of the work: Electrochemical monitoring of garlic compounds released from mesoporous silica microparticles immobilized into nylon nanofibers

Name of the conference: VI Workshop on Sensors and Molecular Recognition



City of event: Burjassot, Valencia,

Date of event: 06/07/2012

Carolina Acosta Romero; Simona Benedetti; Edgar Pérez Esteve; José Manuel Barat Baviera; Ramón Martínez Mañez; Saverio Mannino. "Libro de resúmenes". pp. 49 - 49. Universitat de València,

292 Title of the work: Evaluación de Furil-Tiosemicarbazonas para el Reconocimiento de Aniones

Name of the conference: VI Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Valencia,

Date of event: 06/07/2012

Luis Enrique Santos Figueroa; María Esperanza Moragues Pons; Manuela Raposo; Félix Sancenón Galarza; Ramón Martínez Mañez; José Vicente Ros Lis; Juan Soto Camino. "Libro de resúmenes". pp. 31 - 31. Universitat de València,

293 Title of the work: Evaluation of furyl-thiosemicarbazones for anions recognition

Name of the conference: VI Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Valencia,

Date of event: 06/07/2012

Luis Enrique Santos Figueroa; María Esperanza Moragues Pons; Manuela Raposo; Félix Sancenón Galarza; Ramón Martínez Mañez; José Vicente Ros Lis; Juan Soto Camino. "Libro de resúmenes". pp. 5 - 5. Universitat de València,

294 Title of the work: Fluorescent organic-inorganic hybrid materials as explosive sensor

Name of the conference: VI Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Valencia,

Date of event: 06/07/2012

Krishanu Sarkar.; Yolanda Salinas Soler; Inmaculada Campos Sánchez; Ramón Martínez Mañez; Félix Sancenón Galarza; María Dolores Marcos Martínez; Juan Soto Camino; PEDRO AMOROS DEL TORO. "Libro de resúmenes". pp. 56 - 56. Universitat de València,

295 Title of the work: Materiales híbridos orgánicos-inorgánicos funcionalizados con un sistema de puertas nanoscópicas moleculares para el reconocimiento de agentes neurotóxicos en medios acuosos.

Name of the conference: VI Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Valencia,

Date of event: 06/07/2012

Inmaculada Candel Busquets; Elena Aznar Gimeno; Ramón Martínez Mañez; Félix Sancenón Galarza; ANA MARIA COSTERO NIETO; SALVADOR GIL GRAU; MARGARITA PARRA ALVAREZ. "Libro de resúmenes". pp. 23 - 23. Universitat de València,

296 Title of the work: Monitoring of chicken meat freshness by means of a colorimetric sensor array

Name of the conference: VI Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Valencia,

Date of event: 06/07/2012

Yolanda Salinas Soler; José Vicente Ros Lis; José Luís Vivancos Bono; Ramón Martínez Mañez; María Dolores Marcos Martínez; SUSANA AUCEJO ROMERO; Nuria Herranz; Inmaculada Lorente. "Libro de resúmenes". pp. 17 - 17. Universitat de València,

297 Title of the work: Neutral 1, 3-diindolylureas for nerve agent remediation

Name of the conference: VI Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Valencia,

Date of event: 06/07/2012

Andrea Barba Bon; ANA MARIA COSTERO NIETO; SALVADOR GIL GRAU; MARGARITA PARRA ALVAREZ; Ramón Martínez Mañez; Félix Sancenón Galarza; Philip A. Gale; J.R. Hiscock. "Libro de resúmenes". pp. 14 - 14. Universitat de València,

298 Title of the work: New chemodosimeter for fluoride anion detection

Name of the conference: VI Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Valencia,

Date of event: 06/07/2012

SAMEH EL SAYED SHEHATA NASR; Félix Sancenón Galarza; Ramón Martínez Mañez. "Libro de resúmenes". pp. 33 - 33. Universitat de València,

299 Title of the work: New colorimetric detection to determine *Sparus aurata* freshness

Name of the conference: VI Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Valencia,

Date of event: 06/07/2012

Patricia Zaragozá Torres; A. Rizo; Ana Fuentes López; José Luís Vivancos Bono; Isabel Fernández Segovia; José Vicente Ros Lis; José Manuel Barat Baviera; Ramón Martínez Mañez. "Libro de resúmenes". pp. 60 - 60. Universitat de València,

300 Title of the work: Nuevo sistema de liberación controlada mediante un campo magnético alterno empleando nanopartículas de sílice mesoporosas y superparamagnéticas

Name of the conference: VI Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Valencia,

Date of event: 06/07/2012

Elena Aznar Gimeno; Eugenio Bringas; María Dolores Marcos Martínez; Ramón Martínez Mañez; Morteza Mahmoudi; PIETER STROEVE. "Libro de resúmenes". pp. 57 - 57. Universitat de València,

301 Title of the work: Study of different types of anchoring of the -poly-L-lysine in silica nanoparticles for controlled release of molecules of interest.

Name of the conference: VI Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Valencia,

Date of event: 06/07/2012

Nuria Mas Font; Cristina De la Torre Paredes; Laura Mondragón Martínez; Elena Aznar Gimeno; Vicente Vladimir Martínez; María Teresa Pardo Vicente; Félix Sancenón Galarza; Ramón Martínez Mañez. "Libro de resúmenes". pp. 42 - 42. Universitat de València,

302 Title of the work: Temperature-responsive controlled release using mesoporous silica nanoparticles capped with different peptides

Name of the conference: VI Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Valencia,

Date of event: 06/07/2012

Cristina De la Torre Paredes; Alessandro Agostini .; Laura Mondragón Martínez; Elena Aznar Gimeno; Ramón Martínez Mañez; Félix Sancenón Galarza; ENRIQUE PEREZ PAYA. "Libro de resúmenes". pp. 30 - 30. Universitat de València,

303 Title of the work: Tetrathiafulvalene-capped hybrid materials for the optical detection of explosives

Name of the conference: VI Workshop on Sensors and Molecular Recognition

City of event: Burjassot, Valencia,

Date of event: 06/07/2012

Yolanda Salinas Soler; Ramón Martínez Mañez; Jan Oskar Jeppesen; Lars H. Petersen; Félix Sancenón Galarza; María Dolores Marcos Martínez; Juan Soto Camino; PEDRO AMOROS DEL TORO. "Libro de resúmenes". pp. 7 - 7. Universitat de València,

- 304 Title of the work:** Hybrid Materials to detect explosives
Name of the conference: Cantabria Campus Nobel 2012
City of event: Santander, España,
Date of event: 15/06/2012
Yolanda Salinas Soler; Krishanu Sarkar .; María Esperanza Moragues Pons; Ramón Martínez Mañez; Félix Sancenón Galarza; María Dolores Marcos Martínez; Juan Soto Camino; Jan Oskar Jeppesen. pp. 0 - 1.
- 305 Title of the work:** Sensitive and Selective Chromogenic Sensing of Carbon Monoxide via Reversible Axial CO Coordination in Binuclear Rhodium Complexes
Name of the conference: Cantabria Campus Nobel 2012
City of event: Santander, España,
Date of event: 15/06/2012
María Esperanza Moragues Pons; Julio Esteban Moreno; Yolanda Salinas Soler; José Vicente Ros Lis; Ramón Martínez Mañez; María Dolores Marcos Martínez; Manuel Martínez; Félix Sancenón Galarza; Juan Soto Camino. pp. 0 - 1.
- 306 Title of the work:** New nanodispositive for finely tuned temperature-controlled cargo delivery based on paraffin-capped mesoporous silica nanoparticles
Name of the conference: 12th European Symposium on Controlled Drug Delivery (ESCDD 2012)
City of event: Egmond aan Zee, Holanda,
Date of event: 06/04/2012
Elena Aznar Gimeno; Laura Mondragón Martínez; José Vicente Ros Lis; Félix Sancenón Galarza; María Dolores Marcos Martínez; Ramón Martínez Mañez; Juan Soto Camino; ENRIQUE PEREZ PAYA; PEDRO AMOROS DEL TORO. pp. 66 - 66.
- 307 Title of the work:** Superparamagnetic core-shell nanoparticles: synthesis, characterization and application in targeted drug delivery
Name of the conference: Nanospain Conference 2012
City of event: Santander,
Date of event: 01/03/2012
Eugenio Bringas; Elena Aznar Gimeno; Inmaculada Ortiz; Ramón Martínez Mañez; PIETER STROEVE. "Nanospain Conference 2012". pp. 173 - 174. Phantoms Foundations
<http://www.nanospainconf.org/2012/index.php?conf=12> ,
- 308 Title of the work:** Detección cromo-fluorogénica de monóxido de carbono en aire via coordinación axial reversible con complejos dinucleares de rodio
Name of the conference: V Workshop sobre Nanociencia y Nanotecnología Analíticas
City of event: Toledo,
Date of event: 21/09/2011
María Esperanza Moragues Pons; Julio Esteban Moreno; José Vicente Ros Lis; Ramón Martínez Mañez; María Dolores Marcos Martínez; Félix Sancenón Galarza; Juan Soto Camino. "Libro de resúmenes". pp. 63 - 64.
- 309 Title of the work:** Detección y eliminación de boro en materiales mesoporosos
Name of the conference: V Workshop sobre Nanociencia y Nanotecnología Analíticas
City of event: Toledo,
Date of event: 21/09/2011
Cristina Sanfeliu Cano; Inmaculada Candel Busquets; María Esperanza Moragues Pons; María Dolores Marcos Martínez; Luis Angel Villaescusa Alonso; Juan Soto Camino; Ramón Martínez Mañez; Félix Sancenón Galarza; PEDRO AMOROS DEL TORO. "Libro de resúmenes". pp. 121 - 122.

- 310 Title of the work:** Diseño de un dispositivo para la liberación intracelular controlada con apertura enzimática basado en sólidos mesoporosos funcionalizados
Name of the conference: V Workshop sobre Nanociencia y Nanotecnología Analíticas
City of event: Toledo,
Date of event: 21/09/2011
Inmaculada Candel Busquets; Elena Aznar Gimeno; Laura Mondragón Martínez; Cristina Sanfeliu Cano; María Esperanza Moragues Pons; Ramón Martínez Mañez; Félix Sancenón Galarza. "Libro de resúmenes". pp. 70 - 71.
- 311 Title of the work:** Functional bio-gated silica mesoporous supports for controlled delivery applications
Name of the conference: 5th International FEZA Conference
City of event: Valencia,
Date of event: 03/07/2011
María Dolores Marcos Martínez; Andrea Bernardos Bau; Estela Climent Terol; Laura Mondragón Martínez; Elena Aznar Gimeno; Félix Sancenón Galarza; PEDRO AMOROS DEL TORO; Ramón Martínez Mañez. "Abstracts of the 5th International FEZA Conference". pp. 25 - 25.
- 312 Title of the work:** Análisis sistemático de la internalización celular de nanopartículas de sílice mesoporosa conteniendo puertas moleculares
Name of the conference: V Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 30/06/2011
Laura Mondragón Martínez; Andrea Bernardos Bau; Alessandro Agostini .; Ramón Martínez Mañez; María Dolores Marcos Martínez; Félix Sancenón Galarza; ENRIQUE PEREZ PAYA. "Proceedings". pp. 266 - 272. UPV,
- 313 Title of the work:** Apertura selectiva de materiales inorgánicos mesoporosos funcionalizados, en presencia de simulantes de agentes nerviosos: aplicaciones al diseño de sondas cromo-fluorogénicas
Name of the conference: V Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 30/06/2011
Inmaculada Candel Busquets; Andrea Bernardos Bau; Ramón Martínez Mañez; Félix Sancenón Galarza; María Dolores Marcos Martínez; María Teresa Pardo Vicente; Juan Soto Camino; ANA MARIA COSTERO NIETO; SALVADOR GIL GRAU; MARGARITA PARRA ALVAREZ. "Proceedings". pp. 147 - 156. UPV,
- 314 Title of the work:** Desarrollo de nuevos materiales para la liberación selectiva de sustancias mediante el uso de oligonucleótidos
Name of the conference: V Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 30/06/2011
Estela Climent Terol; Ramón Martínez Mañez; Félix Sancenón Galarza; María Dolores Marcos Martínez; María Teresa Pardo Vicente; Juan Soto Camino; Ángel Maquieira Catala; PEDRO AMOROS DEL TORO. "Proceedings". pp. 179 - 190. UPV,
- 315 Title of the work:** Desarrollo de una puerta molecular controlada enzimáticamente mediante el anclaje de una secuencia peptídica
Name of the conference: V Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 30/06/2011
M^a Carmen Coll Merino; Laura Mondragón Martínez; Ramón Martínez Mañez; María Dolores Marcos Martínez; Juan Soto Camino; ENRIQUE PEREZ PAYA; PEDRO AMOROS DEL TORO; Ángel Francisco Benito Beorlegui. "Proceedings". pp. 191 - 200. UPV,

- 316 Title of the work:** Design and synthesis of a new molecular gate system by using azo dyes for the controlled release of chemical species
Name of the conference: V Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 30/06/2011
Nuria Mas Font; Alessandro Agostini .; Andrea Bernardos Bau; Félix Sancenón Galarza; Ramón Martínez Mañez; María Dolores Marcos Martínez; María Teresa Pardo Vicente; José Vicente Ros Lis. "Proceedings". pp. 244 - 254. UPV,
- 317 Title of the work:** Detección semicuantitativa de monóxido de carbono en aire via coordinación axial con complejos dinucleares de rodio
Name of the conference: V Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 30/06/2011
María Esperanza Moragues Pons; Julio Esteban Moreno; José Vicente Ros Lis; Ramón Martínez Mañez; María Dolores Marcos Martínez; Manuel Martinez; Juan Soto Camino; Félix Sancenón Galarza. "Proceedings". pp. 273 - 284. UPV,
- 318 Title of the work:** Determinación de surfactantes aniónicos mediante el empleo de nanopartículas de sílice modificadas
Name of the conference: V Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 30/06/2011
Cristina Giménez Morales; Estela Climent Terol; Ramón Martínez Mañez; María Dolores Marcos Martínez; Félix Sancenón Galarza; Juan Soto Camino. "Proceedings". pp. 290 - 299. UPV,
- 319 Title of the work:** Empleo de cadenas alifáticas para el control de la liberación desde materiales mesoporosos
Name of the conference: V Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 30/06/2011
Elena Aznar Gimeno; Félix Sancenón Galarza; María Dolores Marcos Martínez; Ramón Martínez Mañez; María Teresa Pardo Vicente; PIETER STROEVE. "Proceedings". pp. 66 - 75. UPV,
- 320 Title of the work:** Modificación orgánica de membranas cerámicas de ultrafiltración para la eliminación de boro en agua
Name of the conference: V Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 30/06/2011
Cristina Sanfeliu Cano; María Dolores Marcos Martínez; Luis Angel Villaescusa Alonso; Juan Soto Camino; Ramón Martínez Mañez; Félix Sancenón Galarza; PEDRO AMOROS DEL TORO. "Proceedings". pp. 404 - 410. UPV,
- 321 Title of the work:** Seguimiento de liberación controlada de ácido caprílico desde materiales mesoporosos MCM-41 mediante técnicas espectrofotométricas
Name of the conference: V Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 30/06/2011
Edgar Pérez Esteve; Andrea Bernardos Bau; Juan José Pascual Amorós; José Manuel Barat Baviera; Ramón Martínez Mañez. "Proceedings". pp. 341 - 348. UPV,

- 322 Title of the work:** Sensor de tetraol basado en el uso de nanopartículas de sílice funcionalizadas con poliaminas y tioles y su aplicación en suelos.
Name of the conference: V Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 30/06/2011
Yolanda Salinas Soler; Estela Climent Terol; Félix Sancenón Galarza; Ramón Martínez Mañez; María Dolores Marcos Martínez; Juan Soto Camino; ANA MARIA COSTERO NIETO; SALVADOR GIL GRAU; MARGARITA PARRA ALVAREZ; Alberto Perez de Diego. "Proceedings". pp. 387 - 395. UPV,
- 323 Title of the work:** Sistemas de detección cromogénica off-on de simulantes de agentes neurotóxicos
Name of the conference: V Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 30/06/2011
Santiago Royo Calvo; Andrea Barba Bon; ANA MARIA COSTERO NIETO; MARGARITA PARRA ALVAREZ; SALVADOR GIL GRAU; Félix Sancenón Galarza; Ramón Martínez Mañez. "Proceedings". pp. 373 - 386. UPV,
- 324 Title of the work:** Síntesis de nanopartículas de sílice magnéticas para aplicaciones biomédicas
Name of the conference: V Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 30/06/2011
Marta Navarro Tovar; M^a Carmen Coll Merino; Elena Aznar Gimeno; María Dolores Marcos Martínez; Ramón Martínez Mañez. "Proceedings". pp. 300 - 307. UPV,
- 325 Title of the work:** Síntesis de nuevos sensores químicos cromo-fluorogénicos para la detección de aniones y cationes
Name of the conference: V Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 30/06/2011
Luis Enrique Santos Figueroa; María Esperanza Moragues Pons; M.M. RAPOSO; Félix Sancenón Galarza; Ramón Martínez Mañez. "Proceedings". pp. 419 - 423. UPV,
- 326 Title of the work:** Síntesis de poliésteres azobencénicos y su uso como "puerta nanoscópica molecular" en nanomateriales híbridos
Name of the conference: V Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 30/06/2011
Andrea Bernardos Bau; I. Javakhishvili; Laura Mondragón Martínez; Nuria Mas Font; Ramón Martínez Mañez; Félix Sancenón Galarza; José Manuel Barat Baviera; S. Hvilsted; ENRIQUE PEREZ PAYA; PEDRO AMOROS DEL TORO; Ángel Francisco Benito Beorlegui. "Proceedings". pp. 105 - 112. UPV,
- 327 Title of the work:** Síntesis de un nuevo sistema nanoscópico híbrido para la liberación controlada de cargas, modulable enzimáticamente
Name of the conference: V Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 30/06/2011
Alessandro Agostini .; M^a Carmen Coll Merino; Laura Mondragón Martínez; Elena Aznar Gimeno; Ramón Martínez Mañez; María Teresa Pardo Vicente; Félix Sancenón Galarza. "Proceedings". pp. 6 - 10. UPV,
- 328 Title of the work:** Una nueva puerta molecular con control mediante temperatura
Name of the conference: V Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,



Date of event: 30/06/2011

Elena Aznar Gimeno; Laura Mondragón Martínez; José Vicente Ros Lis; Félix Sancenón Galarza; María Dolores Marcos Martínez; Ramón Martínez Mañez; María Teresa Pardo Vicente; Josefa Lizondo Sabater. "Proceedings". pp. 76 - 84. UPV,

329 Title of the work: Nutritional effects of folic acid controlled release from mesoporous materials

Name of the conference: 11th International Congress on Engineering and Food. ICEF11

City of event: Atenas, Grecia,

Date of event: 22/05/2011

José Manuel Barat Baviera; Edgar Pérez Esteve; Andrea Bernardos Bau; Ramón Martínez Mañez.

"Proceedings of The 11th International Congress on Engineering and Food (cd-artículos)". pp. 181 - 182. National Technical University of Athens,

330 Title of the work: "Detección colorimétrica selectiva de tetraol mediante el empleo de nanopartículas bifuncionalizadas

Name of the conference: XII Escuela nacional de materiales moleculares

City of event: Castellón,

Date of event: 07/02/2011

Yolanda Salinas Soler; Elena Aznar Gimeno; Estela Climent Terol; Félix Sancenón Galarza; Ramón Martínez Mañez; María Dolores Marcos Martínez. pp. 0 - 0.

331 Title of the work: DESARROLLO DE UNA PUERTA MOLECULAR CONTROLADA ENZIMÁTICAMENTE MEDIANTE ANCLAJE DE UNA SECUENCIA PEPTÍDICA SOBRE UN SOPORTE MESOPOROSO

Name of the conference: XII Escuela nacional de materiales moleculares

City of event: Castellón,

Date of event: 07/02/2011

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333 Title of the work: Materiales híbridos orgánico-inorgánicos para la liberación controlada activada mediante estímulos físicos

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Date of event: 02/07/2009

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Date of event: 02/07/2009

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389 Title of the work: Determinación colorimétrica de simulantes de gases nerviosos mediante el uso de nanopartículas silíceas modificadas en su superficie

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City of event: Valencia, España,

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- 390 Title of the work:** Determinación de heparina mediante el uso de nanopartículas silíceas modificadas en su superficie
Name of the conference: III Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 02/07/2009
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- 391 Title of the work:** Discriminación de mieles de diferentes origen floral mediante lengua electrónica potenciométrica
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Name of the conference: III Workshop on Sensors and Molecular Recognition
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- 393 Title of the work:** Estudios de la respuesta de reactivos cromo-fluorogénicos a vapores
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- 394 Title of the work:** Materiales híbridos mesoporosos de interés medioambiental: Reconocimiento y Eliminación
Name of the conference: III Workshop on Sensors and Molecular Recognition
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Date of event: 02/07/2009
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- 395 Title of the work:** Materiales híbridos mesoporosos de interés medioambiental: reconocimiento y eliminación de Hg(II)
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City of event: Valencia, España,
Date of event: 02/07/2009
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- 396** **Title of the work:** Materiales porosos trimodales compuestos esponja cerámica-uvm7 para la adsorción de boratos en agua
Name of the conference: III Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 02/07/2009
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- 397** **Title of the work:** Mecanismo de liberación controlada con apertura enzimática basado en sólidos mesoporosos funcionalizados con polisacáridos
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City of event: Valencia, España,
Date of event: 02/07/2009
Andrea Bernardos Bau; Elena Aznar Gimeno; María Dolores Marcos Martínez; Ramón Martínez Mañez; Félix Sancenón Galarza; Juan Soto Camino; José Manuel Barat Baviera; PEDRO AMOROS DEL TORO. "Libro de artículos". pp. 44 - 56. Universidad Politécnica de Valencia,
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Name of the conference: III Workshop on Sensors and Molecular Recognition
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Date of event: 02/07/2009
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- 399** **Title of the work:** Síntesis de nuevos sensores químicos cromo-fluorogénéticos basados en 2,4,3-trietil-1,3,5-trimetilaminobenceno para la detección de aniones
Name of the conference: III Workshop on Sensors and Molecular Recognition
City of event: Valencia, España,
Date of event: 02/07/2009
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- 400** **Title of the work:** Design and Implementation of a Low-Cost Non-Destructive System for Measurements of Water and Salt Levels in Food Products Using Impedance Spectroscopy
Name of the conference: 13th International symposium on olfaction and electronic nose
City of event: Brescia, Italia,
Date of event: 15/04/2009
Rafael Masot Peris; Miguel Alcañiz Fillol; Ana Fuentes López; FRANCINY CAMPOS; José Manuel Barat Baviera; Luís Gil Sánchez; Roberto Hanoi Labrador Montero; Juan Soto Camino; Ramón Martínez Mañez. "AIP Conference Proceedings Volume 1137". pp. 5 - 9. American Institute of physics,
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City of event: Brescia, Italia,
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Name of the conference: 13th International symposium on olfaction and electronic nose
City of event: Brescia, Italia,
Date of event: 15/04/2009
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City of event: Cuzco, Perú,
Date of event: 13/10/2008
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City of event: Cuzco, Perú,
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- 405 Title of the work:** Aplicaciones analíticas de las puertas nanoscópicas supramoleculares: Diseño de una sonda colorimétrica para el borato del agua
Name of the conference: II Workshop de Nanociencia y Nanotecnología Analíticas
City of event: Tarragona, España,
Date of event: 25/09/2008
Elena Aznar Gimeno; Estela Climent Terol; M^a Carmen Coll Merino; Félix Sancenón Galarza; María Dolores Marcos Martínez; Ramón Martínez Mañez; Juan Soto Camino. "Libro de actas". pp. 19 - 19. Universitat Rovira i Virgili,
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City of event: Tarragona, España,
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- 408** **Title of the work:** Superficies químicamente modificadas para la determinación colorimétrica de surfactantes en aguas
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City of event: Tarragona, España,
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Name of the conference: II Workshop on sensors. A local approach
City of event: Burjassot, España,
Date of event: 11/07/2008
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- 410** **Title of the work:** Accesibilidad controlada a superficies silíceas mediante cambios de pH
Name of the conference: II Workshop on sensors. A local approach
City of event: Burjassot, España,
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- 411** **Title of the work:** Ampliación del estudio de una sonda colorimétrica para borato en agua
Name of the conference: II Workshop on sensors. A local approach
City of event: Burjassot, España,
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- 412** **Title of the work:** Aplicación de las técnicas de microscopia electrónica para la determinación del grado de funcionalización en materiales híbridos.
Name of the conference: II Workshop on sensors. A local approach
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Date of event: 11/07/2008
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Name of the conference: II Workshop on sensors. A local approach
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Date of event: 11/07/2008
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- 414** **Title of the work:** Detección colorimétrica selectiva de cationes empleando colorantes azoicos basados en el 2-amino-5-nitrotiazol
Name of the conference: II Workshop on sensors. A local approach
City of event: Burjassot, España,
Date of event: 11/07/2008



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415 Title of the work: Detección cromofluorogénica de agentes nerviosos de guerra química

Name of the conference: II Workshop on sensors. A local approach

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Date of event: 11/07/2008

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416 Title of the work: Detección de aminas biógenas en muestras de pescado mediante reactivos cromógenos

Name of the conference: II Workshop on sensors. A local approach

City of event: Burjassot, España,

Date of event: 11/07/2008

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417 Title of the work: Detección de aminas biógenas en muestras de pescado mediante reactivos cromógenos

Name of the conference: II Workshop on sensors. A local approach

City of event: Burjassot, España,

Date of event: 11/07/2008

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418 Title of the work: Detección de metilmercurio mediante el uso de puertas nanoscópicas moleculares

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City of event: Burjassot, España,

Date of event: 11/07/2008

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419 Title of the work: Detección de metilmercurio mediante el uso de puertas nanoscópicas moleculares

Name of the conference: II Workshop on sensors. A local approach

City of event: Burjassot, España,

Date of event: 11/07/2008

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420 Title of the work: Determinación de bisulfitos en vinos mediante con una lengua electrónica basada en voltametría de pulsos

Name of the conference: II Workshop on sensors. A local approach

City of event: Burjassot, España,

Date of event: 11/07/2008

Roberto Hanoi Labrador Montero; Ramón Martínez Mañez; Juan Soto Camino. "Libro de artículos". pp. 33 - 38. Universidad de Valencia,

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Name of the conference: II Workshop on sensors. A local approach
City of event: Burjassot, España,
Date of event: 11/07/2008
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- 422 Title of the work:** Diseño curricular del bloque de sensores en el Master "Erasmus Mundus in Materials and Sensors for environmental technologies (IMMSSET)"
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City of event: Burjassot, España,
Date of event: 11/07/2008
Francisco Javier Ibáñez Civera; Luís Gil Sánchez; Eduardo García Breijo; Ramón Martínez Mañez; José Luís Vivancos Bono. "Libro de abstracts". pp. 58 - 58. Universidad de Valencia,
- 423 Title of the work:** Diseño curricular del bloque de sensores en el Master "Erasmus Mundus in Materials and Sensors for environmental technologies (IMMSSET)"
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City of event: Burjassot, España,
Date of event: 11/07/2008
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- 424 Title of the work:** Grupo de Desarrollo y Diseño de Sensores(GDDS). Lineas de Investigación
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City of event: Burjassot, España,
Date of event: 11/07/2008
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- 425 Title of the work:** Grupo de Desarrollo y Diseño de Sensores(GDDS). Lineas de Investigación
Name of the conference: II Workshop on sensors. A local approach
City of event: Burjassot, España,
Date of event: 11/07/2008
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- 426 Title of the work:** Interacción ácido borónico-plialcohol: Nueva puerta molecular nanoscópica controlada mediante pH.
Name of the conference: II Workshop on sensors. A local approach
City of event: Burjassot, España,
Date of event: 11/07/2008
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- 427 Title of the work:** Interacción ácido borónico-plialcohol: Nueva puerta molecular nanoscópica controlada mediante pH.
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Date of event: 11/07/2008

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Name of the conference: II Workshop on sensors. A local approach

City of event: Burjassot, España,

Date of event: 11/07/2008

Andrea Bernardos Bau; Elena Aznar Gimeno; M^a Carmen Coll Merino; Ramón Martínez Mañez; José Manuel Barat Baviera; María Dolores Marcos Martínez; Félix Sancenón Galarza; Juan Soto Camino. "Libro de abstracts". pp. 40 - 40. Universidad de Valencia,

429 Title of the work: Liberación controlada de la vitamina B2 en sólidos mesoporosos, funcionalizados con poliaminas a modo de "puertas nanoscópicas moleculares".

Name of the conference: II Workshop on sensors. A local approach

City of event: Burjassot, España,

Date of event: 11/07/2008

Andrea Bernardos Bau; Elena Aznar Gimeno; M^a Carmen Coll Merino; Ramón Martínez Mañez; José Manuel Barat Baviera; María Dolores Marcos Martínez; Félix Sancenón Galarza; Juan Soto Camino. "Libro de artículos". pp. 87 - 88. Universidad de Valencia,

430 Title of the work: Modificación superficial de nanopartículas para la determinación de heparina

Name of the conference: II Workshop on sensors. A local approach

City of event: Burjassot, España,

Date of event: 11/07/2008

Estela Climent Terol; Rosa Casasús Lis; María Del Pilar Calero Rodríguez; Ramón Martínez Mañez; Juan Soto Camino; María Dolores Marcos Martínez; Félix Sancenón Galarza. "Libro de abstracts". pp. 49 - 49. Universidad de Valencia,

431 Title of the work: Modificación superficial de nanopartículas para la determinación de heparina

Name of the conference: II Workshop on sensors. A local approach

City of event: Burjassot, España,

Date of event: 11/07/2008

Estela Climent Terol; Rosa Casasús Lis; María Del Pilar Calero Rodríguez; Ramón Martínez Mañez; Juan Soto Camino; María Dolores Marcos Martínez; Félix Sancenón Galarza. "Libro de artículos". pp. 134 - 137. Universidad de Valencia,

432 Title of the work: Nanopartículas de sílice funcionalizadas con colorantes orgánicos para la preparación de nuevos nanocompuestos poliméricos

Name of the conference: II Workshop on sensors. A local approach

City of event: Burjassot, España,

Date of event: 11/07/2008

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433 Title of the work: Nanopartículas fluorescentes con grupos coordinantes de aniones para el reconocimiento de especies en disolución.

Name of the conference: II Workshop on sensors. A local approach

City of event: Burjassot, España,

Date of event: 11/07/2008

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- 434 Title of the work:** Nanopartículas fluorescentes con grupos coordinantes de aniones para el reconocimiento de especies en disolución.

Name of the conference: II Workshop on sensors. A local approach

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- 435 Title of the work:** Nuevas cargas coloreadas basadas en organoarcillas y nanopartículas de sílice funcionalizadas con colorantes para la preparación de nanocomposites poliméricos con propiedades mejoradas

Name of the conference: II Workshop on sensors. A local approach

City of event: Burjassot, España,

Date of event: 11/07/2008

María Del Pilar Calero Rodríguez; JOSE MANUEL LLORIS CORMANO; Félix Sancenón Galarza; Ramón Martínez Mañez. "Libro de artículos". pp. 96 - 106. Universidad de Valencia,

- 436 Title of the work:** Nuevas sondas colorimétricas para la determinación de surfactantes en aguas.

Name of the conference: II Workshop on sensors. A local approach

City of event: Burjassot, España,

Date of event: 11/07/2008

M^a Carmen Coll Merino; Ramón Martínez Mañez; Juan Soto Camino; María Dolores Marcos Martínez; Félix Sancenón Galarza; Josefa Lizondo Sabater. "Libro de abstracts". pp. 53 - 53. Universidad de Valencia,

- 437 Title of the work:** Nuevas sondas colorimétricas para la determinación de surfactantes en aguas

Name of the conference: II Workshop on sensors. A local approach

City of event: Burjassot, España,

Date of event: 11/07/2008

M^a Carmen Coll Merino; Ramón Martínez Mañez; Juan Soto Camino; María Dolores Marcos Martínez; Félix Sancenón Galarza; Josefa Lizondo Sabater. "Libro de artículos". pp. 152 - 157. Universidad de Valencia,

- 438 Title of the work:** Nuevo metodo para el analisis de materiales híbridos mediante la técnica de RMN en disolucion

Name of the conference: II Workshop on sensors. A local approach

City of event: Burjassot, España,

Date of event: 11/07/2008

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- 439 Title of the work:** Nuevo método para el analisis de materiales híbridos mediante la técnica de RMN en disolución.

Name of the conference: II Workshop on sensors. A local approach

City of event: Burjassot, España,

Date of event: 11/07/2008

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- 440 Title of the work:** Nuevo sistema nanoscópico para el reconocimiento colorimétrico de carboxilatos de cadena larga.
Name of the conference: II Workshop on sensors. A local approach
City of event: Burjassot, España,
Date of event: 11/07/2008
M^a Carmen Coll Merino; Elena Aznar Gimeno; Ramón Martínez Mañez; Juan Soto Camino; María Dolores Marcos Martínez; Félix Sancenón Galarza; Luis Angel Villaescusa Alonso. "Libro de abstracts". pp. 52 - 52. Universidad de Valencia,
- 441 Title of the work:** Nuevo sistema nanoscópico para el reconocimiento colorimétrico de carboxilatos de cadena larga.
Name of the conference: II Workshop on sensors. A local approach
City of event: Burjassot, España,
Date of event: 11/07/2008
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- 442 Title of the work:** Optimización y estudio de estabilidad de un nuevo metodo para la determinación colorimétrica de surfactantes anionicos en aguas
Name of the conference: II Workshop on sensors. A local approach
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Date of event: 11/07/2008
M^a Carmen Coll Merino; José Vicente Ros Lis; Ramón Martínez Mañez; José Luís Vivancos Bono. "Libro de abstracts". pp. 61 - 61. Universidad de Valencia,
- 443 Title of the work:** Optimización y estudio de estabilidad de un nuevo metodo para la determinación colorimétrica de surfactantes anionicos en aguas
Name of the conference: II Workshop on sensors. A local approach
City of event: Burjassot, España,
Date of event: 11/07/2008
M^a Carmen Coll Merino; José Vicente Ros Lis; Ramón Martínez Mañez; José Luís Vivancos Bono. "Libro de articulos". pp. 172 - 175. Universidad de Valencia,
- 444 Title of the work:** Predicción de los niveles simulantes de gases de guerra en medio acuoso mediante lenguas electronicas
Name of the conference: II Workshop on sensors. A local approach
City of event: Burjassot, España,
Date of event: 11/07/2008
Inmaculada Campos Sánchez; Roberto Hanoi Labrador Montero; Santiago Royo Calvo; Ramón Martínez Mañez; Juan Soto Camino. "Libro de abstracts". pp. 44 - 45. Universidad de Valencia,
- 445 Title of the work:** Predicción de los niveles simulantes de gases de guerra en medio acuoso mediante lenguas electronicas
Name of the conference: II Workshop on sensors. A local approach
City of event: Burjassot, España,
Date of event: 11/07/2008
Inmaculada Campos Sánchez; Roberto Hanoi Labrador Montero; Santiago Royo Calvo; Ramón Martínez Mañez; Juan Soto Camino. "Libro de articulos". pp. 115 - 119. Universidad de Valencia,



- 446** **Title of the work:** Síntesis y Estudios de coordinación con aniones de una nueva familia de semitocarbonas
Name of the conference: II Workshop on sensors. A local approach
City of event: Burjassot, España,
Date of event: 11/07/2008
Tatiana Abalos Aguado; Ramón Martínez Mañez; Juan Soto Camino; Félix Sancenón Galarza; María Teresa Pardo Vicente. "Libro de artículos". pp. 58 - 63. Universidad de Valencia,
- 447** **Title of the work:** Sistemas híbridos orgánico-inorgánicos para la eliminación de boratos en agua
Name of the conference: II Workshop on sensors. A local approach
City of event: Burjassot, España,
Date of event: 11/07/2008
Cristina Sanfeliu Cano; María Dolores Marcos Martínez; Luis Angel Villaescusa Alonso; Juan Soto Camino; Ramón Martínez Mañez. "Libro de abstracts". pp. 67 - 67. Universidad de Valencia,
- 448** **Title of the work:** Sistemas híbridos orgánico-inorgánicos para la eliminación de boratos en agua
Name of the conference: II Workshop on sensors. A local approach
City of event: Burjassot, España,
Date of event: 11/07/2008
Cristina Sanfeliu Cano; María Dolores Marcos Martínez; Luis Angel Villaescusa Alonso; Juan Soto Camino; Ramón Martínez Mañez. "Libro de artículos". pp. 202 - 205. Universidad de Valencia,
- 449** **Title of the work:** Síntesis de nuevos sensores químicos cromogénicos basados en 2,4,6- Trifeniltiopirilio para la detección de cationes
Name of the conference: II Workshop on sensors. A local approach
City of event: Burjassot, España,
Date of event: 11/07/2008
Tatiana Abalos Aguado; Ramón Martínez Mañez; Félix Sancenón Galarza; Santiago Royo Calvo; María Teresa Pardo Vicente. "Libro de artículos". pp. 52 - 57. Universidad de Valencia,
- 450** **Title of the work:** Síntesis y caracterización de nanopartículas de oro funcionalizadas con ácidos borónicos
Name of the conference: II Workshop on sensors. A local approach
City of event: Burjassot, España,
Date of event: 11/07/2008
Elena Aznar Gimeno; Estela Climent Terol; Félix Sancenón Galarza; María Dolores Marcos Martínez; Ramón Martínez Mañez. "Libro de abstracts". pp. 37 - 37. Universidad de Valencia,
- 451** **Title of the work:** Síntesis y caracterización de nanopartículas de oro funcionalizadas con ácidos borónicos
Name of the conference: II Workshop on sensors. A local approach
City of event: Burjassot, España,
Date of event: 11/07/2008
Elena Aznar Gimeno; Estela Climent Terol; Félix Sancenón Galarza; María Dolores Marcos Martínez; Ramón Martínez Mañez. "Libro de artículos". pp. 72 - 75. Universidad de Valencia,
- 452** **Title of the work:** Synthesis, coordination Behaviour and Spectroscopic Properties of Ditopic N -crowned 4-(P-Aminophenyl)-2-6 Diphenylpyridines
Name of the conference: XVI Simposio Nacional de Química Orgánica (SINAQO)
City of event: Buenos Aires, Argentina,
Date of event: 11/11/2007
Ramón Martínez Mañez; María Teresa Pardo Vicente; Félix Sancenón Galarza. "Libro de resúmenes". pp. 99 - 100. SAIQO,

- 453 Title of the work:** 4-(p-aminofenil)-2, 6-difenilpiridinas funcionalizadas con macrociclos como sensores cromogénicos de cationes y aniones. Hacia el reconocimiento cromogénico diferencial de aniones.
Name of the conference: I Workshop on sensors. A local approach
City of event: Valencia, España,
Date of event: 03/10/2007
BEATRIZ GARCÍA ACOSTA; Ramón Martínez Mañez; Juan Soto Camino; José Vicente Ros Lis; Félix Sancenón Galarza. "Libro de artículos". pp. 254 - 262. Universidad Politécnica de Valencia,
- 454 Title of the work:** Colorantes azoicos basados en el 2-amino-5-nitrotiazol para la detección colorimétrica selectiva de cationes
Name of the conference: I Workshop on sensors. A local approach
City of event: Valencia, España,
Date of event: 03/10/2007
Santiago Royo Calvo; Tatiana Abalos Aguado; Félix Sancenón Galarza; Ramón Martínez Mañez. "Libro de artículos". pp. 396 - 403. Universidad Politécnica de Valencia,
- 455 Title of the work:** Colorantes azoicos basados en el 2-amino-5nitrotiazol para la detección colorimétrica selectiva de cationes
Name of the conference: I Workshop on sensors. A local approach
City of event: Valencia, España,
Date of event: 03/10/2007
Santiago Royo Calvo; Tatiana Abalos Aguado; Félix Sancenón Galarza; Ramón Martínez Mañez. "Libro de actas". pp. 38 - 38. UPV,
- 456 Title of the work:** Desarrollo de puertas moleculares PH-anion-controladas
Name of the conference: I Workshop on sensors. A local approach
City of event: Valencia, España,
Date of event: 03/10/2007
Rosa Casasús Lis; Juan Soto Camino; María Dolores Marcos Martínez; Ramón Martínez Mañez; Félix Sancenón Galarza. "Libro de artículos". pp. 152 - 160. Universidad Politécnica de Valencia,
- 457 Title of the work:** Desarrollo de puertas moleculares nanoscópicas para la detección de iones
Name of the conference: I Workshop on sensors. A local approach
City of event: Valencia, España,
Date of event: 03/10/2007
Estela Climent Terol; Rosa Casasús Lis; María Dolores Marcos Martínez; Ramón Martínez Mañez; Luis Angel Villaescusa Alonso. "Libro de actas". pp. 52 - 52. UPV,
- 458 Title of the work:** Desarrollo de puertas moleculares nanoscópicas para la detección de iones
Name of the conference: I Workshop on sensors. A local approach
City of event: Valencia, España,
Date of event: 03/10/2007
Estela Climent Terol; Rosa Casasús Lis; María Dolores Marcos Martínez; Ramón Martínez Mañez; Luis Angel Villaescusa Alonso. "Libro de artículos". pp. 290 - 295. Universidad Politécnica de Valencia,
- 459 Title of the work:** Desarrollo nuevos métodos de reconocimiento y detección de aniones usando puertas moleculares nanoscópicas
Name of the conference: I Workshop on sensors. A local approach
City of event: Valencia, España,
Date of event: 03/10/2007
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- 460 Title of the work:** Electrodo selectivo de iones para surfactantes aniónicos usando un derivado del cyclam como ionóforo
Name of the conference: I Workshop on sensors. A local approach
City of event: Valencia, España,
Date of event: 03/10/2007
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- 461 Title of the work:** Electrodo selectivo de iones para surfactantes aniónicos usando un derivado del cyclam como ionóforo.
Name of the conference: I Workshop on sensors. A local approach
City of event: Valencia, España,
Date of event: 03/10/2007
Josefa Lizondo Sabater; Ramón Martínez Mañez; Juan Soto Camino; Ángel Francisco Benito Beorlegui; María Teresa Pardo Vicente. "Libro de actas". pp. 63 - 63. UPV,
- 462 Title of the work:** Estudio de la Evolución de la Actividad del Instituto de Química Molecular Aplicada en el campo de los sensores en los últimos años
Name of the conference: I Workshop on sensors. A local approach
City of event: Valencia, España,
Date of event: 03/10/2007
José Vicente Ros Lis; Félix Sancenón Galarza; Ramón Martínez Mañez; Juan Soto Camino; María Teresa Pardo Vicente. "Libro de actas". pp. 69 - 69. UPV,
- 463 Title of the work:** Estudio de la aplicabilidad de Bis Terpiridinas de osmio como unidad sensora para la monitorización de gases
Name of the conference: I Workshop on sensors. A local approach
City of event: Valencia, España,
Date of event: 03/10/2007
José Vicente Ros Lis; Félix Sancenón Galarza; Ramón Martínez Mañez; Juan Soto Camino; Ángel Francisco Benito Beorlegui. "Libro de actas". pp. 41 - 41. UPV,
- 464 Title of the work:** Estudio de la evolución de la actividad del Instituto de química Molecular Aplicada en el campo de los sensores en los últimos años
Name of the conference: I Workshop on sensors. A local approach
City of event: Valencia, España,
Date of event: 03/10/2007
José Vicente Ros Lis; Félix Sancenón Galarza; Ramón Martínez Mañez; Juan Soto Camino; María Teresa Pardo Vicente. "Libro de articulos". pp. 212 - 218. Universidad Politecnica de Valencia,
- 465 Title of the work:** Macrociclos funcionalizados con 2, 4, 6-Trifenilpiridinas como sensores cromogénicos de cationes y aniones. Hacia el reconocimiento cromogénico diferencial de aniones
Name of the conference: I Workshop on sensors. A local approach
City of event: Valencia, España,
Date of event: 03/10/2007
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- 466 Title of the work:** Materiales híbridos fluorescentes basados en rodamina para el reconocimiento de cationes y aniones
Name of the conference: I Workshop on sensors. A local approach



City of event: Valencia, España,

Date of event: 03/10/2007

María Del Pilar Calero Rodríguez; Estela Climent Terol; Félix Sancenón Galarza; Ramón Martínez Mañez; María Dolores Marcos Martínez. "Libro de actas". pp. 45 - 45. UPV,

467 Title of the work: Materiales híbridos fluorescentes basados en rodamina para reconocimiento de cationes y aniones

Name of the conference: I Workshop on sensors. A local approach

City of event: Valencia, España,

Date of event: 03/10/2007

María Del Pilar Calero Rodríguez; Estela Climent Terol; Félix Sancenón Galarza; Ramón Martínez Mañez; María Dolores Marcos Martínez. "Libro de artículos". pp. 125 - 134. Universidad Politécnica de Valencia,

468 Title of the work: Metodo controlado de liberación del ácido fólico en sólidos mesoporosos mediante puertas moleculares, en función del Ph.

Name of the conference: I Workshop on sensors. A local approach

City of event: Valencia, España,

Date of event: 03/10/2007

Andrea Bernardos Bau; Rosa Casasús Lis; Ramón Martínez Mañez; José Manuel Barat Baviera; María Dolores Marcos Martínez. "Libro de actas". pp. 53 - 53. UPV,

469 Title of the work: Nanoestructuras supramoleculares "Swotch on- Switch off" con control químico y fotoquímico

Name of the conference: I Workshop on sensors. A local approach

City of event: Valencia, España,

Date of event: 03/10/2007

Elena Aznar Gimeno; BEATRIZ GARCÍA ACOSTA; María Dolores Marcos Martínez; Ramón Martínez Mañez; Luis Angel Villaescusa Alonso. "Libro de actas". pp. 51 - 51. UPV,

470 Title of the work: Nanoestructuras supramoleculares "switch on-switch off" con control químico y fotoquímico

Name of the conference: I Workshop on sensors. A local approach

City of event: Valencia, España,

Date of event: 03/10/2007

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471 Title of the work: Nanopartículas de sílice funcionalizadas con colorantes fotocromicos para la discriminación entre carboxilatos de cadena larga

Name of the conference: I Workshop on sensors. A local approach

City of event: Valencia, España,

Date of event: 03/10/2007

María Del Pilar Calero Rodríguez; Elena Aznar Gimeno; María Dolores Marcos Martínez; Ramón Martínez Mañez; Félix Sancenón Galarza. "Libro de artículos". pp. 380 - 388. Universidad Politécnica de Valencia,

472 Title of the work: Nanopartículas de sílice funconalizadas con colorantes fotocrómicos para la discriminación entre carboxilatos de cadena larga

Name of the conference: I Workshop on sensors. A local approach

City of event: Valencia, España,

Date of event: 03/10/2007

María Del Pilar Calero Rodríguez; Elena Aznar Gimeno; María Dolores Marcos Martínez; Félix Sancenón Galarza; Ramón Martínez Mañez. "Libro de actas". pp. 49 - 49. UPV,

- 473** **Title of the work:** Nuevo método para la determinación colorimétrica de surfactantes aniónicos en aguas
Name of the conference: I Workshop on sensors. A local approach
City of event: Valencia, España,
Date of event: 03/10/2007
M^a Carmen Coll Merino; Ramón Martínez Mañez; Juan Soto Camino; María Dolores Marcos Martínez; José Luís Vivancos Bono. "Libro de artículos". pp. 87 - 93. Universidad Politécnica de Valencia,
- 474** **Title of the work:** Nuevo método para la determinación colorimétrica de surfactantes aniónicos en aguas.
Name of the conference: I Workshop on sensors. A local approach
City of event: Valencia, España,
Date of event: 03/10/2007
M^a Carmen Coll Merino; Ramón Martínez Mañez; Juan Soto Camino; María Dolores Marcos Martínez; José Luís Vivancos Bono. "Libro de actas". pp. 15 - 15. UPV,
- 475** **Title of the work:** Presentación del Master Universitario en Materiales y sistemas sensores para tecnologías medioambientales.
Name of the conference: I Workshop on sensors. A local approach
City of event: Valencia, España,
Date of event: 03/10/2007
Enrique Ballester Sarrias; María Teresa Pardo Vicente; Ramón Martínez Mañez; María Desamparados Ribes Greus. "Libro de actas". pp. 86 - 86. UPV,
- 476** **Title of the work:** Presentación del máster universitario en materiales y sistemas sensores para tecnologías medioambientales.
Name of the conference: I Workshop on sensors. A local approach
City of event: Valencia, España,
Date of event: 03/10/2007
Enrique Ballester Sarrias; María Teresa Pardo Vicente; Ramón Martínez Mañez; María Desamparados Ribes Greus. "Libro de artículos". pp. 169 - 177. Universidad Politécnica de Valencia,
- 477** **Title of the work:** Puertas moleculares nanoscópicas controladas por la presencia de aniones y cambios de pH.
Name of the conference: I Workshop on sensors. A local approach
City of event: Valencia, España,
Date of event: 03/10/2007
Rosa Casasús Lis; Juan Soto Camino; María Dolores Marcos Martínez; Ramón Martínez Mañez; Félix Sancenón Galarza. "Libro de actas". pp. 27 - 27. UPV,
- 478** **Title of the work:** Puertas nanoscópicas para la detección colorimétrica de borato en agua
Name of the conference: I Workshop on sensors. A local approach
City of event: Valencia, España,
Date of event: 03/10/2007
Elena Aznar Gimeno; M^a Carmen Coll Merino; Luis Angel Villaescusa Alonso; María Dolores Marcos Martínez; Ramón Martínez Mañez. "Libro de actas". pp. 23 - 23. UPV,
- 479** **Title of the work:** Puertas nanoscópicas para la detección colorimétrica de borato en agua
Name of the conference: I Workshop on sensors. A local approach
City of event: Valencia, España,
Date of event: 03/10/2007



Elena Aznar Gimeno; M^a Carmen Coll Merino; Luis Angel Villaescusa Alonso; María Dolores Marcos Martínez; Ramón Martínez Mañez. "Libro de articulos". pp. 178 - 184. Universidad Politecnica de Valencia,

480 Title of the work: Quimica Verde: un nuevo método para la eliminación de surfactantes en medios acuosos

Name of the conference: I Workshop on sensors. A local approach

City of event: Valencia, España,

Date of event: 03/10/2007

M^a Carmen Coll Merino; Ramón Martínez Mañez; Juan Soto Camino; Félix Sancenón Galarza; María Dolores Marcos Martínez. "Libro de articulos". pp. 100 - 104. Universidad Politecnica de Valencia,

481 Title of the work: Quimica verde: un nuevo método para la eliminación de surfactantes en medios acuosos

Name of the conference: I Workshop on sensors. A local approach

City of event: Valencia, España,

Date of event: 03/10/2007

M^a Carmen Coll Merino; Ramón Martínez Mañez; Juan Soto Camino; Félix Sancenón Galarza; María Dolores Marcos Martínez. "Libro de actas". pp. 50 - 50. UPV,

482 Title of the work: Reactivos cromo-fluorogénicos para la detección de agentes nerviosos de guerra química.

Name of the conference: I Workshop on sensors. A local approach

City of event: Valencia, España,

Date of event: 03/10/2007

Santiago Royo Calvo; Félix Sancenón Galarza; Ramón Martínez Mañez. "Libro de actas". pp. 39 - 39. UPV,

483 Title of the work: Reactivos cromo-fluorogénicos para la detección de agentes nerviosos de guerra química.

Name of the conference: I Workshop on sensors. A local approach

City of event: Valencia, España,

Date of event: 03/10/2007

Santiago Royo Calvo; Félix Sancenón Galarza; Ramón Martínez Mañez. "Libro de articulos". pp. 336 - 341. Universidad Politecnica de Valencia,

484 Title of the work: Sales de pirilio soportadas en polímeros orgánicos usadas en el reconocimiento de aniones.

Name of the conference: I Workshop on sensors. A local approach

City of event: Valencia, España,

Date of event: 03/10/2007

BEATRIZ GARCÍA ACOSTA; Félix Sancenón Galarza; Ramón Martínez Mañez; Ángel Francisco Benito Beorlegui; Juan Soto Camino. "Libro de actas". pp. 33 - 33. UPV,

485 Title of the work: Sintesis de nuevos sensores quimicos cromogénicos basados en 2,4,6- Trifeniltiopirilio para la detección de cationes

Name of the conference: I Workshop on sensors. A local approach

City of event: Valencia, España,

Date of event: 03/10/2007

Tatiana Abalos Aguado; Santiago Royo Calvo; Ramón Martínez Mañez; Félix Sancenón Galarza; María Teresa Pardo Vicente. "Libro de articulos". pp. 105 - 115. Universidad Politecnica de Valencia,

486 Title of the work: Sintesis de nuevos sensores quimicos cromogénicos basados en 2,4. 6-Trifeniltiopirilio para la detección de cationes

Name of the conference: I Workshop on sensors. A local approach

City of event: Valencia, España,



Date of event: 03/10/2007

Tatiana Abalos Aguado; Santiago Royo Calvo; Ramón Martínez Mañez; Félix Sancenón Galarza; María Teresa Pardo Vicente. "Libro de actas". pp. 40 - 40. UPV,

487 Title of the work: Solidos conteniendo nano-cavidades coordinantes y su uso en ensayos de desplazamiento

Name of the conference: I Workshop on sensors. A local approach

City of event: Valencia, España,

Date of event: 03/10/2007

Luis Angel Villaescusa Alonso; María Dolores Marcos Martínez; Ramón Martínez Mañez; Juan Soto Camino. "Libro de articulos". pp. 436 - 437. Universidad Politecnica de Valencia,

488 Title of the work: Sondas moleculares en entornos nanoscopicos como metodo para aumentar la selectividad

Name of the conference: I Workshop on sensors. A local approach

City of event: Valencia, España,

Date of event: 03/10/2007

MARIA COMES NAVARRO; Luis Angel Villaescusa Alonso; María Dolores Marcos Martínez; Ramón Martínez Mañez; Juan Soto Camino. "Libro de actas". pp. 48 - 48. UPV,

489 Title of the work: Sólidos conteniendo nano-cavidades coordinantes y su uso en ensayos de desplazamiento

Name of the conference: I Workshop on sensors. A local approach

City of event: Valencia, España,

Date of event: 03/10/2007

MARIA COMES NAVARRO; Luis Angel Villaescusa Alonso; María Dolores Marcos Martínez; Ramón Martínez Mañez; Juan Soto Camino. "Libro de actas". pp. 47 - 47. UPV,

490 Title of the work: Un material hibrido 3D con funcionalidad dual para la detección y absorción de Hg²⁺.

Name of the conference: I Workshop on sensors. A local approach

City of event: Valencia, España,

Date of event: 03/10/2007

Rosa Casasús Lis; José Vicente Ros Lis; Juan Soto Camino; María Dolores Marcos Martínez; Ramón Martínez Mañez; Félix Sancenón Galarza. "Libro de articulos". pp. 192 - 202. Universidad Politecnica de Valencia,

491 Title of the work: Un material hibrido 3D con funcionalidad dual para la detección y adsorción de Hg²⁺

Name of the conference: I Workshop on sensors. A local approach

City of event: Valencia, España,

Date of event: 03/10/2007

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492 Title of the work: Un modelo teorico para el estudio de los procesos de interferencia en electrodos faradicos.

Name of the conference: I Workshop on sensors. A local approach

City of event: Valencia, España,

Date of event: 03/10/2007

Juan Soto Camino; Roberto Hanoi Labrador Montero; María Dolores Marcos Martínez; Ramón Martínez Mañez; M^a Carmen Coll Merino; Eduardo García Breijo; Luís Gil Sánchez. "Libro de actas". pp. 65 - 65. UPV,

- 493 Title of the work:** Un modelo teorico para el estudio de los procesos de interferencia en electrodos faradicos.
Name of the conference: I Workshop on sensors. A local approach
City of event: Valencia, España,
Date of event: 03/10/2007
Juan Soto Camino; Roberto Hanoi Labrador Montero; María Dolores Marcos Martínez; Ramón Martínez Mañez; M^a Carmen Coll Merino; Eduardo García Breijo; Luís Gil Sánchez. "Libro de articulos". pp. 245 - 253. Universidad Politecnica de Valencia,
- 494 Title of the work:** Una lengua electronica potenciometrica para la discriminación de disoluciones salinas
Name of the conference: I Workshop on sensors. A local approach
City of event: Valencia, España,
Date of event: 03/10/2007
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- 495 Title of the work:** Una lengua electronica potencometrica para la discriminación del disoluciones salinas
Name of the conference: I Workshop on sensors. A local approach
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Date of event: 03/10/2007
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- 496 Title of the work:** método controlado de liberación del ácido fólico en sólidos mesoporosos, mediante, puertas moleculares, en función del ph.
Name of the conference: I Workshop on sensors. A local approach
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Date of event: 03/10/2007
Andrea Bernardos Bau; Rosa Casasús Lis; Ramón Martínez Mañez; José Manuel Barat Baviera; María Dolores Marcos Martínez. "Libro de articulos". pp. 161 - 168. Universidad Politecnica de Valencia,
- 497 Title of the work:** Dispersión de nanopartículas de sílice funcionalizadas con colorantes orgánicos sobre matrices de resina epoxi para la preparación de nuevos nanocomposites
Name of the conference: VII Congreso Nacional de Materiales Compuestos (MATCOMP)
City of event: Valladolid, España,
Date of event: 19/09/2007
JOSE MANUEL LLORIS CORMANO; María Del Pilar Calero Rodriguez; Félix Sancenón Galarza; Ramón Martínez Mañez. "Libro de Actas". pp. 725 - 732. Graficas 82, SL,
- 498 Title of the work:** Filmes de polimetacrilatos como sensores cromogénicos de iones hidrogeno carbonato en agua
Name of the conference: X Reunión del Grupo Especializado de Polímeros (GEP) de las Reales Sociedades Españolas de Física y Química (RSEF y RSEQ)
City of event: Sevilla, España,
Date of event: 16/09/2007
BEATRIZ GARCÍA ACOSTA; Ramón Martínez Mañez; Félix Sancenón Galarza; Juan Soto Camino. "Actas". pp. 198 - 198. GEP,
- 499 Title of the work:** 2,4,6-Triphenylpyrylium cations as a derivatization reagents for sulphide ion detection in tlc.
Name of the conference: International symposium on Advances in Chromatography and Electrophoresis 2007



City of event: Olomouc, República Checa,

Date of event: 24/07/2007

Ramón Martínez Mañez. "Abstract Book". pp. 30 - 30. Comité del congreso,

500 Title of the work: Caracterización de nanomateriales mediante AFM y nanoinducción: aplicación a nanocompuestos de matriz polimérica

Name of the conference: I workshop sobre Nanotecnología Analítica

City of event: Córdoba, España,

Date of event: 16/07/2007

María Del Pilar Calero Rodríguez; Félix Sancenón Galarza; Ramón Martínez Mañez. "Libro de abstracts". pp. 49 - 49. FQM-215,

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Name of the conference: I workshop sobre Nanotecnología Analítica

City of event: Córdoba, España,

Date of event: 16/07/2007

María Dolores Marcos Martínez; Ramón Martínez Mañez; José Vicente Ros Lis; Félix Sancenón Galarza; Juan Soto Camino; Luis Angel Villaescusa Alonso. "Libro de abstracts". pp. 71 - 71. FQM-215,

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Name of the conference: I workshop sobre Nanotecnología Analítica

City of event: Córdoba, España,

Date of event: 16/07/2007

Elena Aznar Gimeno; María Dolores Marcos Martínez; Ramón Martínez Mañez; Félix Sancenón Galarza; Juan Soto Camino; Luis Angel Villaescusa Alonso. "Libro de abstracts". pp. 73 - 73. FQM-215,

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Name of the conference: I workshop sobre Nanotecnología Analítica

City of event: Córdoba, España,

Date of event: 16/07/2007

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504 Title of the work: New chromogenic sensors using hybrid organic-inorganic

Name of the conference: 2nd International Symposium on Macrocyclic and Supramolecular Chemistry

City of event: Pavia, Italia,

Date of event: 20/06/2007

Elena Aznar Gimeno; María Del Pilar Calero Rodríguez; M^a Carmen Coll Merino; María Dolores Marcos Martínez; Ramón Martínez Mañez; Félix Sancenón Galarza; Juan Soto Camino. "Book of Abstracts". pp. 71 - 71. ISMC,

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Name of the conference: 2nd International Symposium on Macrocyclic and Supramolecular Chemistry

City of event: Pavia, Italia,

Date of event: 20/06/2007

Elena Aznar Gimeno; Ramón Martínez Mañez; Félix Sancenón Galarza; María Dolores Marcos Martínez; Juan Soto Camino; Luis Angel Villaescusa Alonso. "Book of Abstracts". pp. 63 - 63. ISMC,

- 506 Title of the work:** Analysis of Fish Freshness by Using Metallic Potentiometric Electrodes
Name of the conference: 16th IEEE International Symposium on Industrial Electronics (ISIE 2007)
City of event: Vigo, España,
Date of event: 04/06/2007
Luís Gil Sánchez; Eduardo García Breijo; José Manuel Barat Baviera; Ramón Martínez Mañez; Juan Soto Camino; Francisco Miguel Baena Aroca; Francisco Javier Ibáñez Civera. "Proceedings of the IEEE International Symposium on Industrial Electronics ISIE'2007". pp. 1 - 4. IEEE,
- 507 Title of the work:** An electronic tongue for the discrimination of anions in salt dissolutions
Name of the conference: International Symposium on Olfaction and Electronic Nose (ISOEN 2007)
City of event: San Petersburgo, Rusia,
Date of event: 03/05/2007
Roberto Hanoi Labrador Montero; Juan Soto Camino; Luís Gil Sánchez; Ramón Martínez Mañez. "Proceedings". pp. 3 - 4. ISOEN,
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Date of event: 03/05/2007
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- 509 Title of the work:** Chormogenic sensing detection in functionalized porous silica
Name of the conference: 4th NanoSpain Workshop (NANOSPAIN)
City of event: Sevilla, España,
Date of event: 12/03/2007
Elena Aznar Gimeno; M^a Carmen Coll Merino; Félix Sancenón Galarza; Luis Angel Villaescusa Alonso; José Vicente Ros Lis; María Dolores Marcos Martínez; Ramón Martínez Mañez. "Libro de actas". pp. 3 - 3. Red Española de Nanotecnología,
- 510 Title of the work:** New advandes in photochemical- chemical control of functional nanogated hybrid architectures
Name of the conference: 4th NanoSpain Workshop (NANOSPAIN)
City of event: Sevilla, España,
Date of event: 12/03/2007
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- 511 Title of the work:** Selective and sensitive method for the colorimetric detection of anionic surfactants in water
Name of the conference: 4th NanoSpain Workshop (NANOSPAIN)
City of event: Sevilla, España,
Date of event: 12/03/2007
M^a Carmen Coll Merino; Elena Aznar Gimeno; Ramón Martínez Mañez; Juan Soto Camino; Félix Sancenón Galarza; María Dolores Marcos Martínez; José Luís Vivancos Bono. "Libro de actas". pp. 2 - 2. Red Española de Nanotecnología,
- 512 Title of the work:** A new analytical method in two steps for the colorimetric detection of anionic surfactants in water
Name of the conference: VI Congreso Internacional de Química del ANQUE = 6th ANQUE International Congress of Chemistry



City of event: Puerto de la Cruz, España,

Date of event: 05/12/2006

M^a Carmen Coll Merino; María Dolores Marcos Martínez; Ramón Martínez Mañez; Félix Sancenón Galarza; Juan Soto Camino; José Luís Vivancos Bono. "Libro de resúmenes". pp. 406 - 406. Gráficas DEVA,

513 Title of the work: A model for the assessment of interfering processes in faradic electrodes

Name of the conference: Eurosensors XX Conference

City of event: Goteborg, Suecia,

Date of event: 17/09/2006

Roberto Hanoi Labrador Montero; Juan Soto Camino; María Dolores Marcos Martínez; Ramón Martínez Mañez; M^a Carmen Coll Merino; Eduardo García Breijo; Luís Gil Sánchez. "Eurosensors XX". pp. 1 - 9. Univ Goteborg,

514 Title of the work: Detection of wine spoilage by electronic tongue and nose

Name of the conference: Eurosensors XX Conference

City of event: Goteborg, Suecia,

Date of event: 17/09/2006

Luís Gil Sánchez; Eduardo García Breijo; Francisco Javier Ibáñez Civera; Roberto Hanoi Labrador Montero; EDUARD LLOBET VALERO; Ramón Martínez Mañez; Juan Soto Camino. "Eurosensors XX". pp. 1 - 9. Univ Goteborg,

515 Title of the work: Nanoscopic Chromo- and Fluorogenic Hybrid Chemosensor Materials for the Detection of Ionic and Neutral Analytes

Name of the conference: 8th European Conference on Optical Chemical Sensors and Biosensors (Europtrode VIII)

City of event: Tübingen, Alemania,

Date of event: 02/04/2006

José Vicente Ros Lis; BEATRIZ GARCÍA ACOSTA; MARIA COMES NAVARRO; María Dolores Marcos Martínez; Félix Sancenón Galarza; Ramón Martínez Mañez. "Book of Abstracts". pp. 68 - 69. UT,

516 Title of the work: SPIROPYRAN ONTO SILICEOUS MESOPOROUS MATERIALS: DEVELOPING A NOVEL MOLECULAR GATE

Name of the conference: 3rd NanoSpain Workshop (NANOSPAIN)

City of event: Pamplona, España,

Date of event: 20/03/2006

Elena Aznar Gimeno; Rosa Casasús Lis; MARIA COMES NAVARRO; BEATRIZ GARCÍA ACOSTA; Félix Sancenón Galarza; María Dolores Marcos Martínez; Ramón Martínez Mañez. "Libro de actas". pp. 1 - 9. Red Española de Nanotecnología,

517 Title of the work: New Materials for anion sensing

Name of the conference: COST Action D31 on Organising Non-Covalent Chemical Systems with Selected Functions. 3rd Workshop

City of event: Atenas, Grecia,

Date of event: 07/03/2006

Ramón Martínez Mañez. "Comunicación oral". pp. 1 - 1. Libro de actas,

518 Title of the work: New polymers with pendant pyrilium groups as sensory materials for the colorimetric sensing of cyanide in water

Name of the conference: 8th Encontro Nacional de Fotoquímica

City of event: Coimbra, Portugal,

Date of event: 16/12/2005

V. CALDERON; N. SAN JOSE; F GARCIA; J.M. GARCIA; BEATRIZ GARCÍA ACOSTA; Ramón Martínez Mañez; Félix Sancenón Galarza; Juan Soto Camino. "Book of Abstracts". pp. 97 - 98. Coimbra,

519 Title of the work: ANÁLISIS DE AMINAS BIÓGENAS MEDIANTE EL USO DE REACTIVOS CROMÓGENOS

Name of the conference: V Jornadas de Investigación en Ciencia e Ingeniería de Alimentos

City of event: Valencia, España,

Date of event: 15/12/2005

M^a Isabel Escriche Roberto; José Manuel Barat Baviera; BEATRIZ GARCÍA ACOSTA; Félix Sancenón Galarza; Ramón Martínez Mañez. "Ponencias". pp. 9 - 9. UPV,

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Name of the conference: EFFoST 2005 Annual Meeting: Innovations in Traditional Foods (INTRADFOOD)

City of event: Valencia, España,

Date of event: 25/10/2005

M^a Isabel Escriche Roberto; José Manuel Barat Baviera; Ramón Martínez Mañez; J.L. BRICKS; K. RURACK; A. MORENO; BEATRIZ GARCÍA ACOSTA; Félix Sancenón Galarza; Juan Soto Camino. "Libro de Artículos.Volúmen I". pp. 341 - 344. Elsevier,

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Name of the conference: EFFoST 2005 Annual Meeting: Innovations in Traditional Foods (INTRADFOOD)

City of event: Valencia, España,

Date of event: 25/10/2005

M^a Isabel Escriche Roberto; BEATRIZ GARCÍA ACOSTA; José Manuel Barat Baviera; Ramón Martínez Mañez; Félix Sancenón Galarza; Juan Soto Camino. "Libro de Resúmenes". pp. 133 - 133. Elsevier,

522 Title of the work: Sintesis y caracterizacion de nuevos polimeros con grupos pirilio como materiales sensores de aniones

Name of the conference: IX Reunión del Grupo Especializado de Polímeros (GEP) de las Reales Sociedades Españolas de Física y Química (RSEF y RSEQ)

City of event: Jaca, España,

Date of event: 15/09/2005

F GARCIA; BEATRIZ GARCÍA ACOSTA; Ramón Martínez Mañez; Félix Sancenón Galarza; Juan Soto Camino; J.M. GARCIA; J.L. DE LA PEÑA; F. SERNAÇ. "Actas". pp. 63 - 63. GEP,

523 Title of the work: A hybrid chemosensor material for the colorimetric and fluorometric detection of long-chain carboxylates

Name of the conference: 9th Conference on Methods and Applications of Fluorescence: Spectroscopy, Imaging and Probes

City of event: Lisboa, Portugal,

Date of event: 04/09/2005

K. RURACK; Ana Belen Descalzo Lopez; H. WEISSHOFF; Ramón Martínez Mañez; María Dolores Marcos Martínez; K. HOFFMANN; Juan Soto Camino. "Book of Abstracts". pp. 104 - 104. PT,

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Name of the conference: XXX International Symposium on Macrocyclic Chemistry

City of event: Dresde, Alemania,

Date of event: 17/07/2005

José Vicente Ros Lis; Ana Belen Descalzo Lopez; José Diego Jiménez Huerta; Félix Sancenón Galarza; Ramón Martínez Mañez; Juan Soto Camino; R. RADEGLIA; K. RURACK. "Book of Abstracts". pp. 52 - 52. Technische Universität Dresden,



- 525 Title of the work:** Potentiometric characterization of a thick film electrode of RuO₂ resistive paste as pH sensor
Name of the conference: 8th FIGIPAS meeting in Inorganic Chemistry
City of event: Atenas, Grecia,
Date of event: 06/06/2005
Roberto Hanoi Labrador Montero; Juan Soto Camino; Ramón Martínez Mañez; M^a Carmen Coll Merino; Eduardo García Breijo; Luís Gil Sánchez. "Book of Abstracts". pp. 18 - 19. NCSR Demokritos,
- 526 Title of the work:** Reactivos cromogenicos para la deteccion selectiva de aminos biogénas
Name of the conference: III Congreso Nacional de Ciencia y Tecnología de Alimentos
City of event: Burgos, España,
Date of event: 29/05/2005
M^a Isabel Escriche Roberto; José Manuel Barat Baviera; Ramón Martínez Mañez; J.L. BRICKS; K. RURACK; A. MORENO; BEATRIZ GARCÍA ACOSTA; Félix Sancenón Galarza; Juan Soto Camino. "[cd-Rom]-Artículos". pp. 143 - 146. Universidad de Burgos,
- 527 Title of the work:** Reactivos cromogénicos para la detección selectiva de aminos biogénas
Name of the conference: III Congreso Nacional de Ciencia y Tecnología de Alimentos
City of event: Burgos, España,
Date of event: 29/05/2005
M^a Isabel Escriche Roberto; José Manuel Barat Baviera; Ramón Martínez Mañez; BEATRIZ GARCÍA ACOSTA; Félix Sancenón Galarza; Juan Soto Camino. "Libro de Resúmenes". pp. 67 - 67. Universidad de Burgos,
- 528 Title of the work:** Electronic tongue for qualitative analysis of waters using thick-film technology
Name of the conference: 11th International Symposium on Olfaction and Electronic Nose - ISOEN'2005
City of event: Barcelona, España,
Date of event: 13/04/2005
Ramón Martínez Mañez; Juan Soto Camino; Luís Gil Sánchez; Eduardo García Breijo; Francisco Javier Ibáñez Civera; Elena Gadea Morant; EDUARD LLOBET VALERO. "Proceedings of the 11th International Symposium on Olfaction and Electronic Nose - ISOEN'2005". pp. 136 - 138. ISOEN,
- 529 Title of the work:** A chromo and fluorogenic hybrid chemosensor material for the detection of long chain carboxylates
Name of the conference: ANAKON International Analytical Conference (ANAKON 2005)
City of event: Regensburg, Alemania,
Date of event: 15/03/2005
K. RURACK; Ana Belen Descalzo Lopez; H. WEISSHOFF; Ramón Martínez Mañez; María Dolores Marcos Martínez; PEDRO AMOROS DEL TORO; K. HOFFMANN; Juan Soto Camino. "Book of abstracts". pp. 197 - 198. D,
- 530 Title of the work:** Frequency Analysis of Thick-Film Electroluminescent (E.L.) Lamp
Name of the conference: 5^a Conferencia de dispositivos electrónicos (CDE)
City of event: Tarragona, España,
Date of event: 02/02/2005
Bernabé Marí Soucase; Ramón Martínez Mañez; Juan Soto Camino; Eduardo García Breijo; Luís Gil Sánchez; Francisco Javier Ibáñez Civera; Elena Gadea Morant; Álvaro Tormos Ferrando. pp. 93 - 94. IEEE-Electron Device Society,

- 531 Title of the work:** Potentiometric dissolved oxygen sensors with reference
Name of the conference: 5ª Conferencia de dispositivos electrónicos (CDE)
City of event: Tarragona, España,
Date of event: 02/02/2005
Ramón Martínez Mañez; Juan Soto Camino; Eduardo García Breijo; Luís Gil Sánchez; Francisco Javier Ibáñez Civera; Elena Gadea Morant. pp. 174 - 174. IEEE-Electron Device Society,
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Name of the conference: 5ª Conferencia de dispositivos electrónicos (CDE)
City of event: Tarragona, España,
Date of event: 02/02/2005
Ramón Martínez Mañez; Juan Soto Camino; Eduardo García Breijo; Luís Gil Sánchez; Francisco Javier Ibáñez Civera; Elena Gadea Morant. pp. 177 - 177. IEEE-Electron Device Society,
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Name of the conference: V Congreso Internacional de Química e Ingeniería Química
City of event: La Habana, Cuba,
Date of event: 17/10/2004
María Teresa Pardo Vicente; Ramón Martínez Mañez; Juan Soto Camino; Josefa Lizondo Sabater; Eduardo García Breijo; Luís Gil Sánchez; Francisco Javier Ibáñez Civera. pp. 2172 - 2172. Soc. Cubana de Química,
- 534 Title of the work:** Multisensor para medidas de la calidad del agua en tecnología Thick-film
Name of the conference: V Congreso Internacional de Química e Ingeniería Química
City of event: La Habana, Cuba,
Date of event: 17/10/2004
María Teresa Pardo Vicente; Ramón Martínez Mañez; Juan Soto Camino; Eduardo García Breijo; Luís Gil Sánchez; Francisco Javier Ibáñez Civera; Elena Gadea Morant. pp. 2171 - 2171. Soc. Cubana de Química,
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Name of the conference: XX IUPAC Symposium on Photochemistry
City of event: Granada, España,
Date of event: 17/07/2004
MARIA COMES NAVARRO; GERTRUDIS RODRIGUEZ LOPEZ; Rosa Casasús Lis; Ana Belen Descalzo Lopez; José Vicente Ros Lis; BEATRIZ GARCÍA ACOSTA; María Dolores Marcos Martínez; Ramón Martínez Mañez; Luis Angel Villaescusa Alonso; Félix Sancenón Galarza; PEDRO AMOROS DEL TORO. "Book of Abstracts". pp. 255 - 255. B.QUINTERO AND M.C. CABEZA,
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Name of the conference: XX IUPAC Symposium on Photochemistry
City of event: Granada, España,
Date of event: 17/07/2004
José Vicente Ros Lis; MARIA COMES NAVARRO; Ramón Martínez Mañez; Juan Soto Camino. "Book of Abstracts". pp. 505 - 505. B.QUINTERO AND M.C. CABEZA,
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Name of the conference: IX Simposio Latinoamericano de Polímeros y VII Congreso Iberoamericano de Polímeros (SLAP)
City of event: Valencia, España,
Date of event: 11/07/2004



Eduardo García Breijo; Luís Gil Sánchez; Josefa Lizondo Sabater; Ramón Martínez Mañez; María Jesús Seguí Roselló; Juan Soto Camino; ISABEL ALCALAINA; SILVIA ALVAREZ. "Libro de Resúmenes". pp. 48 - 48. UPV,

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Name of the conference: 27th Annual Meeting of the British Zeolite Association (BZA 2004)
City of event: St. Andrews, Reino Unido,
Date of event: 05/07/2004
Luis Angel Villaescusa Alonso; JOSE MANUEL LLORIS CORMANO; Ramón Martínez Mañez. pp. 39 - 39. BZA,
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Name of the conference: VIII Congreso Nacional de Materiales
City of event: Valencia, España,
Date of event: 17/06/2004
Rosa Casasús Lis; MARIA COMES NAVARRO; Ana Belen Descalzo Lopez; Félix Sancenón Galarza; María Dolores Marcos Martínez; Ramón Martínez Mañez; José Vicente Ros Lis; Juan Soto Camino; Luis Angel Villaescusa Alonso; PEDRO AMOROS DEL TORO; JULIO LATORRE SABORIT; CARMEN GUILLEN VILLAR. "Actas". pp. 88 - 88. Universidad Politécnica de Valencia,
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Name of the conference: VIII Congreso Nacional de Materiales
City of event: Valencia, España,
Date of event: 17/06/2004
GERTRUDIS RODRIGUEZ LOPEZ; Luis Angel Villaescusa Alonso; Juan Soto Camino; María Dolores Marcos Martínez; PEDRO AMOROS DEL TORO; Ramón Martínez Mañez. "Actas". pp. 101 - 101. Universidad Politécnica de Valencia,
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Name of the conference: 7th European Conference on Optical Chemical Sensors and Biosensors (Eurotrode VII)
City of event: Madrid, España,
Date of event: 04/04/2004
Rosa Casasús Lis; MARIA COMES NAVARRO; Ana Belen Descalzo Lopez; BEATRIZ GARCÍA ACOSTA; José Vicente Ros Lis; Ramón Martínez Mañez; Félix Sancenón Galarza; Juan Soto Camino. "Book of Abstracts". pp. 92 - 92. UCM,
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Name of the conference: 7th European Conference on Optical Chemical Sensors and Biosensors (Eurotrode VII)
City of event: Madrid, España,
Date of event: 04/04/2004
Rosa Casasús Lis; MARIA COMES NAVARRO; BEATRIZ GARCÍA ACOSTA; Ana Belen Descalzo Lopez; GERTRUDIS RODRIGUEZ LOPEZ; Félix Sancenón Galarza; María Dolores Marcos Martínez; Ramón Martínez Mañez; Juan Soto Camino; Luis Angel Villaescusa Alonso; PEDRO AMOROS DEL TORO; DANIEL BELTRAN; CARMEN GUILLEN VILLAR; JULIO LATORRE SABORIT. "Book of Abstracts". pp. 94 - 94. UCM,
- 543 Title of the work:** Funcionalizacion de silices de alta superficie para la eliminacion de metales en efluentes acuosos
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City of event: Manises, España,

Date of event: 19/11/2003

Ana Belen Descalzo Lopez; María Dolores Marcos Martínez; Luis Angel Villaescusa Alonso; Juan Soto Camino; Ramón Martínez Mañez. "Libro resúmenes". pp. 121 - 122. Sociedad Española de Cerámica y Vidrio,

- 544 Title of the work:** Silices de alta superficie funcionalizadas para la eliminacion de aniones
Name of the conference: XLIII Congreso Anual de la Sociedad Española de Cerámica y Vidrio

City of event: Manises, España,

Date of event: 19/11/2003

María Dolores Marcos Martínez; Luis Angel Villaescusa Alonso; Juan Soto Camino; Ramón Martínez Mañez. "Libro resúmenes". pp. 111 - 112. Sociedad Española de Cerámica y Vidrio,

- 545 Title of the work:** Macrocycles in a different light: the influence of the nature and substitution pattern of heteroatoms on the photophysics of chromophore-appended crown ethers
Name of the conference: 28th International Symposium on Macrocyclic Chemistry
City of event: Gdansk, Polonia,
Date of event: 02/11/2003
J.L. BRICKS; BEATRIZ GARCÍA ACOSTA; A. KOVALCHUCK; Ramón Martínez Mañez; K. RURACK; Félix Sancenón Galarza. "Libro de actas". pp. 161 - 161.

- 546 Title of the work:** Novel modular sensors: design of efficient probes for various analytes utilizing the phenoxazinone chromophore
Name of the conference: Eighth Conference on Methods and Applications of Fluorescence
City of event: Praga, República Checa,
Date of event: 24/08/2003
Ana Belen Descalzo Lopez; Ramón Martínez Mañez; R. RADEGLIA; K. RURACK; Juan Soto Camino. "Libro de abstracts". pp. 115 - 115.

- 547 Title of the work:** Sistema distribuido y multiparamétrico para la medida de la calidad del agua accesible de forma remota.
Name of the conference: VI Congreso Nacional del Medio Ambiente (CONAMA)
City of event: Madrid, España,
Date of event: 29/11/2002
DIEGO RAMIREZ MUÑOZ; FELIX TORÁN; S. CASANS; Juan Soto Camino; Ramón Martínez Mañez; A. GARCÍA; SUSANA POLO; P. ZUBÍA. "Comunicaciones Técnicas del Congreso". pp. 1 - 9. Colegio Oficial de Físicos/Unión Profesional/APROMA/Instituto de Ingeniería de España,

- 548 Title of the work:** Síntesis de un derivado de escuaridina y su aplicación en la determinación selectiva de cianuro.
Name of the conference: XII Jornadas Hispano-Francesas de Química Orgánica
City of event: Peñíscola, España,
Date of event: 01/06/2002
José Vicente Ros Lis; Ramón Martínez Mañez; Juan Soto Camino. "Libro de Actas". pp. 78 - 78.

- 549 Title of the work:** ESTUDIO DE UN NUEVO ELECTRODO SELECTIVO A DETERGENTES ANIÓNICOS
Name of the conference: VIII Seminario Anual de Automática, Electrónica Industrial e Instrumentación (SAAEI 2001)
City of event: Matanzas, Cuba,
Date of event: 17/09/2001



Josefa Lizondo Sabater; Ramón Martínez Mañez; Félix Sancenón Galarza; María Jesús Seguí Roselló; Juan Soto Camino; Eduardo García Breijo; Luís Gil Sánchez; Francisco Javier Ibáñez Civera. "Actas". pp. 1 - 3. UPC - Editor A.Manuel Lazaro,

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City of event: Matanzas, Cuba,

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552 Title of the work: Thermodynamics and Fluorescence Emission Studies on Open-Chain Polyamines Containing Pyrene Fluorophores

Name of the conference: 12th Spanish-Italian Congress on Thermodynamics of Metal Complexes

City of event: Parma, Italia,

Date of event: 01/06/2001

María Teresa Pardo Vicente; Ramón Martínez Mañez; Ana Belen Descalzo Lopez; Félix Sancenón Galarza; María Jesús Seguí Roselló; Juan Soto Camino. "Book of Abstracts". pp. 104 - 105.

553 Title of the work: Ligandos antracénil poliazos soportados en MCM-41 sistemas sólidos como sensores fluorescentes

Name of the conference: V Congreso de fotoquímica

City of event: Torremolinos, España,

Date of event: 04/04/2001

Ramón Martínez Mañez; María Dolores Marcos Martínez; Ana Belen Descalzo Lopez; Juan Soto Camino; Félix Sancenón Galarza; GERTRUDIS RODRIGUEZ LOPEZ; María Teresa Pardo Vicente; MARIA JESÚS SEGUÍ. "libro de actas". pp. 97 - 97. Universidad de Málaga,

554 Title of the work: Sensores fluorimétricos y colorimétricos basados en 2,4,6-trifenilpiridinas y 1,3,5-triarilpent-2-en-1,5-dionas obtenidos mediante reacciones del anillo de pirilio

Name of the conference: V Congreso de fotoquímica

City of event: Torremolinos, España,

Date of event: 04/04/2001

Félix Sancenón Galarza; Ramón Martínez Mañez; Ana Belen Descalzo Lopez; Miguel Ángel Miranda Alonso; María Teresa Pardo Vicente; María Jesús Seguí Roselló; Juan Soto Camino. "libro de actas". pp. 88 - 88. Universidad de Málaga,

555 Title of the work: Un nuevo sensor fluorescente selectivo para fosfsto. Estudio del sistema 7-amino-3-oxofenoxazina-Cu(II) en presencia de aniones.

Name of the conference: V Congreso de fotoquímica

City of event: Torremolinos, España,



Date of event: 04/04/2001

Ana Belen Descalzo Lopez; Ramón Martínez Mañez; Félix Sancenón Galarza; Juan Soto Camino; María Jesús Seguí Roselló. "libro de actas". pp. 1 - 9. Universidad de Málaga,

556 Title of the work: reconocimiento de cationes y aniones mediante técnicas fluorimétricas con macrociclos funcionalizados con el centro Os(Tpy)₂

Name of the conference: V Congreso de fotoquímica

City of event: Torremolinos, España,

Date of event: 04/04/2001

María Jesús Seguí Roselló; José Vicente Ros Lis; Ramón Martínez Mañez; Ana Belen Descalzo Lopez; María Teresa Pardo Vicente; Félix Sancenón Galarza; Juan Soto Camino. "libro de actas". pp. 82 - 82. Universidad de Málaga,

557 Title of the work: Macrocyclic Ligands Containing Anthracene Moieties For Metal Ion Detection

Name of the conference: XI Spanish-Italian Congress on Thermodynamics of Metal Complexes

City of event: Valencia, España,

Date of event: 01/01/2000

Félix Sancenón Galarza; Ramón Martínez Mañez; María Teresa Pardo Vicente; Juan Soto Camino; Ángel Francisco Benito Beorlegui; YUSEF AL SHIHADDEH; Josefa Lizondo Sabater; María Jesús Seguí Roselló. "Book of Abstracts". pp. 134 - 134.

558 Title of the work: Poliaza cicloalcanos como ionoforos en electrodos de membrana para aniones

Name of the conference: IV Congreso de Fotoquímica

City of event: Gandía, España,

Date of event: 21/03/1999

Josefa Lizondo Sabater; J SOTO; Félix Sancenón Galarza; Ramón Martínez Mañez; JOSE MANUEL LLORIS CORMANO; YUSEF AL SHIHADDEH; María Teresa Pardo Vicente; A BENITO. "Libro de Actas". pp. 35 - 35.

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Name of the conference: IV Congreso de Fotoquímica

City of event: Gandía, España,

Date of event: 21/03/1999

Ángel Francisco Benito Beorlegui; JOSE MANUEL LLORIS CORMANO; Ramón Martínez Mañez; Juan Soto Camino; Félix Sancenón Galarza; YUSEF AL SHIHADDEH; María Teresa Pardo Vicente; Josefa Lizondo Sabater. "Libro de Actas". pp. 22 - 22.

560 Title of the work: Reconocimiento de cationes y aniones mediante técnicas fluorimétricas con poliaminas funcionalizadas con antraceno

Name of the conference: IV Congreso de Fotoquímica

City of event: Gandía, España,

Date of event: 21/03/1999

Félix Sancenón Galarza; YUSEF AL SHIHADDEH; Ángel Francisco Benito Beorlegui; Miguel E. Padilla Tosta; Ramón Martínez Mañez; Juan Soto Camino; JOSE MANUEL LLORIS CORMANO; María Teresa Pardo Vicente; Josefa Lizondo Sabater. "Libro de Actas". pp. 1 - 1.

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562 Title of the work: Electrochemical and Photochemical Recognition Using Pentaacyclopentadecane as Host.

Name of the conference: XXIV International Symposium on Macrocyclic Chemistry

City of event: Barcelona, España,

Date of event: 01/01/1999

JOSE MANUEL LLORIS CORMANO; Félix Sancenón Galarza; Ángel Francisco Benito Beorlegui; Juan Soto Camino; Ramón Martínez Mañez; María Teresa Pardo Vicente; Josefa Lizondo Sabater. "Book of Abstracts". pp. 41 - 41.

563 Title of the work: Fluorescent chemosensors based on ruthenium(II)-bisterpyridine cores containing peripheral polyaza or aza-oxa macrocycles

Name of the conference: XXIV International Symposium on Macrocyclic Chemistry

City of event: Barcelona, España,

Date of event: 01/01/1999

Ramón Martínez Mañez; María Teresa Pardo Vicente; Ángel Francisco Benito Beorlegui; Juan Soto Camino; Josefa Lizondo Sabater. "Book of Abstracts". pp. 2 - 2.

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Name of the conference: XXIV International Symposium on Macrocyclic Chemistry

City of event: Barcelona, España,

Date of event: 01/01/1999

Félix Sancenón Galarza; Ángel Francisco Benito Beorlegui; JOSE MANUEL LLORIS CORMANO; Juan Soto Camino; Ramón Martínez Mañez; María Teresa Pardo Vicente; YUSEF AL SHIHADDEH; Josefa Lizondo Sabater. "Book of Abstracts". pp. 46 - 46.

565 Title of the work: Poliaza cicloalcanos como ionoforos en electrodos de membrana para aniones

Name of the conference: 11 Reunión Científica de la Sociedad Española de Química Analítica

City of event: Valencia, España,

Date of event: 01/01/1999

Josefa Lizondo Sabater; Juan Soto Camino; Félix Sancenón Galarza; Ramón Martínez Mañez; JOSE MANUEL LLORIS CORMANO; María Teresa Pardo Vicente; Ángel Francisco Benito Beorlegui. "Libro de Actas". pp. 35 - 35.

566 Title of the work: Potentiometric sensors to anions based on cyclam derivatives

Name of the conference: XXIV International Symposium on Macrocyclic Chemistry

City of event: Barcelona, España,

Date of event: 01/01/1999

Félix Sancenón Galarza; Ángel Francisco Benito Beorlegui; Juan Soto Camino; Ramón Martínez Mañez; María Teresa Pardo Vicente; Josefa Lizondo Sabater. "Book of Abstracts". pp. 111 - 112.

567 Title of the work: Translocation and hysteresis in a terpyridine-poliaza dioptic receptor

Name of the conference: XXIV International Symposium on Macrocyclic Chemistry

City of event: Barcelona, España,

Date of event: 01/01/1999

Ramón Martínez Mañez; María Teresa Pardo Vicente; Juan Soto Camino; Félix Sancenón Galarza; Ángel Francisco Benito Beorlegui; Josefa Lizondo Sabater. "Book of Abstracts". pp. 145 - 145.



- 568 Title of the work:** Interaction of metal ions with new ligands obtained by condensation of ferrocenecarboxaldehyde with 2-amino benzoic aci derivatives
Name of the conference: I Latin-American Inorganic Chemistry Meeting
City of event: Santiago de Compostela, España,
Date of event: 13/09/1993
Ángel Francisco Benito Beorlegui; Ramón Martínez Mañez; Juan Soto Camino; JORDI PAYA. pp. 321 - 322.
- 569 Title of the work:** New Ferrocene containing ligands: Chiral, chelating and macrocyclic ligands
Name of the conference: I Latin-American Inorganic Chemistry Meeting
City of event: Santiago de Compostela, España,
Date of event: 13/09/1993
Ángel Francisco Benito Beorlegui; Ramón Martínez Mañez; Juan Soto Camino; MJL TENDERO; Jorge Juan Paya Bernabeu. pp. 122 - 122.
- 570 Title of the work:** Structures and Electrical Properties of the complexes Ni(II)(CTH)(TCNQ)₂ and Ni(II)(CTH)(TCNQ)₃
Name of the conference: I Latin-American Inorganic Chemistry Meeting
City of event: Santiago de Compostela, España,
Date of event: 13/09/1993
J CANO; R. RUIZ; J. FAUS; María Del Carmen Muñoz Roca; Juan Soto Camino; Ramón Martínez Mañez; X. SOLANS; Enrique Sánchez Martínez. pp. 420 - 420.
- 571 Title of the work:** New lamellar oxophosphorous derivatives of Ni(II). X-ray powder diffraction structure determination of NiCl(H₂PO₂).H₂O and Ni(HPO₃).H₂O.
Name of the conference: Annual Chemical Congress of the Royal Society of Chemistry 1993
City of event: Southampton, Reino Unido,
Date of event: 05/04/1993
María Dolores Marcos Martínez; PEDRO AMORÓS DEL TORO; AURELIO BELTRÁN PORTER; Ramón Martínez Mañez; J. PAUL ATTFIELD. "Book of Abstracts". pp. 333 - 333.
- 572 Title of the work:** Ferrocene-containing chelating ligands. Solution study, synthesis, crystal structure and electronic properties of bis(N,N'-ethylenbis(Ferrocenylmethylideneamine))Copper(II) nitrate.
Name of the conference: 3rd Spanish-Italian Congress on Thermodynamics of Metal Complexes
City of event: Puerto de la Cruz, España,
Date of event: 01/06/1992
Ángel Francisco Benito Beorlegui; Juan Cano; Ramón Martínez Mañez; Juan Soto Camino; Jorge Juan Paya Bernabeu; F. LLORET; M. JULVE; J FAUS; María Dolores Marcos Martínez. "Book of Abstracts". pp. 222 - 222.
- 573 Title of the work:** Ligando complejos derivados del ferroceno. Su capacidad coordinante y su potencial uso como dadores en complejos de transferencia de carga.
Name of the conference: I Escuela Nacional de Materiales Molecular
City of event: Peñíscola, España,
Date of event: 01/06/1992
Ángel Francisco Benito Beorlegui; Juan Cano; Ramón Martínez Mañez; Juan Soto Camino; Jorge Juan Paya Bernabeu; F. LLORET; M. JULVE; J FAUS; María Dolores Marcos Martínez. "Libro de Resúmenes". pp. 37 - 39.
- 574 Title of the work:** A route for yielding new n-donor and N,O-donor ferrocene derivative ligands
Name of the conference: II Italian-Portuguese-Spanish Meeting in Inorganic Chemistry
City of event: AlfaMar, Algarve, Portugal,



Date of event: 23/03/1992

Ángel Francisco Benito Beorlegui; Juan Cano; Ramón Martínez Mañez; Juan Soto Camino; Jorge Juan Paya Bernabeu; F. LLORET; M. JULVE; María Dolores Marcos Martínez. "Book of Abstracts". pp. 19 - 19.

575 Title of the work: Reactivity of N,N-Bidentate ferrocene derivative ligands towards metal ions and tetracyanoethylene.

Name of the conference: II Italian-Portuguese-Spanish Meeting in Inorganic Chemistry

City of event: AlfaMar, Algarve, Portugal,

Date of event: 23/03/1992

Ángel Francisco Benito Beorlegui; Juan Cano; Ramón Martínez Mañez; Juan Soto Camino; Jorge Juan Paya Bernabeu; F. LLORET; M. JULVE; María Dolores Marcos Martínez. "Book of Abstracts". pp. 20 - 21.

576 Title of the work: Procesos de transferencia electronica en la fotosensibilizacion de antiinflamatorios no esteroideos

Name of the conference: XXIII Reunión Bienal de la Real Sociedad Española de Química (RSEQ)

City of event: Salamanca, España,

Date of event: 23/09/1990

Ramón Martínez Mañez; Juan Soto Camino. pp. 345 - 346.

577 Title of the work: Procesos de transferencia electrónica en la fotosensibilizacion por antiinflamatorios no esteroideos

Name of the conference: XXIII Reunión Bienal de la Real Sociedad Española de Química (RSEQ)

City of event: Salamanca, España,

Date of event: 23/09/1990

Ramón Martínez Mañez; Juan Soto Camino. pp. 12 - 12.

578 Title of the work: Medida de propiedades conductoras y dielectricas de compuestos de Cu y Ni con el ácido THF(COOH)₄.

Name of the conference: Reunión Nacional de Materiales Polímeros 1991

City of event: Valencia, España,

Date of event: 30/09/1989

Ángel Francisco Benito Beorlegui; Ramón Martínez Mañez; Juan Soto Camino. "LIBRO RESUMENES (POL89)". pp. 259 - 260.

579 Title of the work: Síntesis y reactividad de compuestos ciclometalados de Rh(III)

Name of the conference: XXII Reunión Bienal de la Real Sociedad Española de Química (RSEQ)

City of event: Murcia, España,

Date of event: 24/09/1988

Ramón Martínez Mañez. pp. 323 - 324.

580 Title of the work: Local bonding effect in bis(N-2-pyridinylcarbonyl-2-pyridinecarboximidate) Copper(II) monohydrate. Crystal structure and spectroscopic studies.

Name of the conference: XXVI International Conference on Coordination Chemistry

City of event: Porto, Portugal,

Date of event: 28/08/1988

María Dolores Marcos Martínez; Ramón Martínez Mañez; J.-V. FOLGADO; AURELIO BELTRÁN PORTER; DANIEL BELTRÁN PORTER. pp. 111 - 111.

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

- 1** **Committee title:** ChemPlusChem. Tipo participación: Comité de edición. ISSN: 2192-6506
Start date: 2020
- 2** **Committee title:** Chemistry - An Asian Journal. Tipo participación: Comité de edición. ISSN: 1861-4728
Start date: 2020
- 3** **Committee title:** ChemistryOpen. Tipo participación: Editor adjunto. ISSN: 2191-1363
Start date: 2020
- 4** **Committee title:** Dyes and Pigments. Tipo participación: Comité de edición. ISSN: 0143-7208
Start date: 2020
- 5** **Committee title:** Nereis. Revista Iberoamericana Interdisciplinar de Métodos, Modelización y Simulación. Tipo participación: Comité de edición. ISSN: 1888-8550
Start date: 2020
- 6** **Committee title:** ChemPlusChem. Tipo participación: Comité de edición. ISSN: 2192-6506
Start date: 2019
- 7** **Committee title:** Chemistry - An Asian Journal. Tipo participación: Comité de edición. ISSN: 1861-4728
Start date: 2019
- 8** **Committee title:** ChemistryOpen. Tipo participación: Editor adjunto. ISSN: 2191-1363
Start date: 2019
- 9** **Committee title:** Nereis. Revista Iberoamericana Interdisciplinar de Métodos, Modelización y Simulación. Tipo participación: Comité de edición. ISSN: 1888-8550
Start date: 2019
- 10** **Committee title:** XIII International Workshop on Sensors and Molecular Recognition (IWOSMOR 2019). Tipo participación: Miembro del comité científico
Start date: 2019
- 11** **Committee title:** XIII International Workshop on Sensors and Molecular Recognition (IWOSMOR 2019). Tipo participación: Miembro del comité de organización
Start date: 2019
- 12** **Committee title:** ChemPlusChem. Tipo participación: Comité de edición. ISSN: 2192-6506
Start date: 2018

**C****V****n**

CURRÍCULUM VITAE NORMALIZADO

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- 13** **Committee title:** Chemistry - An Asian Journal. Tipo participación: Comité de edición. ISSN: 1861-4728
Start date: 2018
- 14** **Committee title:** ChemistryOpen. Tipo participación: Editor adjunto. ISSN: 2191-1363
Start date: 2018
- 15** **Committee title:** Nereis. Revista Iberoamericana Interdisciplinar de Métodos, Modelización y Simulación. Tipo participación: Comité de edición. ISSN: 1888-8550
Start date: 2018
- 16** **Committee title:** XII International Workshop on Sensors and Molecular Recognition (IWOSMOR 2018). Tipo participación: Miembro del comité científico
Start date: 2018
- 17** **Committee title:** ChemPlusChem. Tipo participación: Comité de edición. ISSN: 2192-6506
Start date: 2017
- 18** **Committee title:** Chemistry - An Asian Journal. Tipo participación: Comité de edición. ISSN: 1861-4728
Start date: 2017
- 19** **Committee title:** ChemistryOpen. Tipo participación: Editor adjunto. ISSN: 2191-1363
Start date: 2017
- 20** **Committee title:** Nereis. Revista Iberoamericana Interdisciplinar de Métodos, Modelización y Simulación. Tipo participación: Comité de edición. ISSN: 1888-8550
Start date: 2017
- 21** **Committee title:** ChemPlusChem. Tipo participación: Comité de edición. ISSN: 2192-6506
Start date: 2016
- 22** **Committee title:** Chemistry - An Asian Journal. Tipo participación: Comité de edición. ISSN: 1861-4728
Start date: 2016
- 23** **Committee title:** ChemistryOpen. Tipo participación: Editor adjunto. ISSN: 2191-1363
Start date: 2016
- 24** **Committee title:** Nereis. Revista Iberoamericana Interdisciplinar de Métodos, Modelización y Simulación. Tipo participación: Comité de edición. ISSN: 1888-8550
Start date: 2016
- 25** **Committee title:** X International Workshop on Sensors and Molecular Recognition. Tipo participación: Miembro del comité científico
Start date: 2016
- 26** **Committee title:** Chemistry - An Asian Journal. Tipo participación: Comité de edición. ISSN: 1861-4728
Start date: 2015



- 27** **Committee title:** ChemistryOpen. Tipo participación: Editor adjunto. ISSN: 2191-1363
Start date: 2015
- 28** **Committee title:** IX International Workshop on Sensors and Molecular Recognition. Tipo participación: Miembro del comité científico
Start date: 2015
- 29** **Committee title:** Nereis. Revista Iberoamericana Interdisciplinar de Métodos, Modelización y Simulación. Tipo participación: Comité de edición. ISSN: 1888-8550
Start date: 2015
- 30** **Committee title:** Chemistry - An Asian Journal. Tipo participación: Comité de edición. ISSN: 1861-4728
Start date: 2014
- 31** **Committee title:** ChemistryOpen. Tipo participación: Editor adjunto. ISSN: 2191-1363
Start date: 2014
- 32** **Committee title:** Nereis. Revista Iberoamericana Interdisciplinar de Métodos, Modelización y Simulación. Tipo participación: Comité de edición. ISSN: 1888-8550
Start date: 2014
- 33** **Committee title:** VIII International Workshop on Sensors and Molecular Recognition. Tipo participación: Miembro del comité científico
Start date: 2014
- 34** **Committee title:** ChemistryOpen. Tipo participación: Editor adjunto. ISSN: 2191-1363
Start date: 2013
- 35** **Committee title:** Nereis. Revista Iberoamericana Interdisciplinar de Métodos, Modelización y Simulación. Tipo participación: Comité de edición. ISSN: 1888-8550
Start date: 2013
- 36** **Committee title:** VII International Workshop on Sensors and Molecular Recognition. Tipo participación: Miembro del comité científico
Start date: 2013
- 37** **Committee title:** ChemistryOpen. Tipo participación: Editor adjunto. ISSN: 2191-1363
Start date: 2012
- 38** **Committee title:** Nereis. Revista Iberoamericana Interdisciplinar de Métodos, Modelización y Simulación. Tipo participación: Comité de edición. ISSN: 1888-8550
Start date: 2012
- 39** **Committee title:** 2011 Seminarios del Centro de Reconocimiento Molecular y Desarrollo Tecnológico. Tipo participación: Presidente del comité de programa
Start date: 2011



- 40** **Committee title:** Nereis. Revista Iberoamericana Interdisciplinar de Métodos, Modelización y Simulación. Tipo participación: Comité de edición. ISSN: 1888-8550
Start date: 2011
- 41** **Committee title:** V Workshop on Sensors and Molecular Recognition. Tipo participación: Presidente del comité de programa
Start date: 2011
- 42** **Committee title:** 2010 Seminarios del Instituto de Química Molecular Aplicada. Tipo participación: Presidente del comité de programa
Start date: 2010
- 43** **Committee title:** IV Workshop on Sensors and Molecular Recognition. Tipo participación: Miembro del comité de programa
Start date: 2010
- 44** **Committee title:** International workshop on explosives detection 2010. Tipo participación: Presidente del comité de programa
Start date: 2010
- 45** **Committee title:** 2009 Seminarios del Instituto de Química Molecular Aplicada. Tipo participación: Presidente del comité de programa
Start date: 2009
- 46** **Committee title:** III Workshop de Nanociencia y Nanotecnología Analíticas. Tipo participación: Miembro del comité de programa
Start date: 2009
- 47** **Committee title:** III Workshop on Sensors and Molecular Recognition. Libro de artículos. Tipo participación: Miembro del comité de programa
Start date: 2009
- 48** **Committee title:** III Workshop on sensors and Molecular Recognition. Tipo participación: Miembro del comité de programa
Start date: 2009
- 49** **Committee title:** II Workshop de Nanociencia y Nanotecnología Analíticas. Tipo participación: Miembro del comité de programa
Start date: 2008
- 50** **Committee title:** II Workshop on sensors. A local approach. Tipo participación: Miembro del comité de programa
Start date: 2008



R&D management

Name of the activity: Director Científico del CIBER-BBN

Start date: 27/04/2015

Duration: 48 months

Other achievements

Stays in public or private R&D centres

- 1** **Entity:** UNIVERSITY CHEMICAL LABORATORY
City of entity: CAMBRIDGE, United Kingdom
Start date: 01/01/1993 **Duration:** 15 months
- 2** **Entity:** CHEMICAL CRYSTALOGRAPHY LABORATORY
City of entity: OXFORD, United Kingdom
Start date: 01/01/1991 **Duration:** 3 months
- 3** **Entity:** INSTITUTO DI CHIMICA GENERALE DE INORGANICA
City of entity: UNIVERSIDAD DE PARMA, Italy
Start date: 01/01/1988 **Duration:** 2 months

Prizes, mentions and distinctions

- 1** **Description:** Proteomics Scientifics Society Career Award
Awarding entity: Proteomass Scientific Society
Conferral date: 10/11/2020
- 2** **Description:** Premio Rei Jaume I de Nuevas Tecnologías 2018
Awarding entity: Fundación Premios Rei Jaume I
Conferral date: 06/06/2018
- 3** **Description:** Premio a la Excelencia Investigadora RSEQ 2016
Awarding entity: Real Sociedad Española de Química
Conferral date: 24/05/2016
- 4** **Description:** I Premio del V certamen Valencia Idea 2011, categoría Nanotecnología
Conferral date: 05/04/2012
- 5** **Description:** I Premio del IV certamen Valencia Idea 2010, categoría Energía y Medio Ambiente
Conferral date: 06/10/2010
- 6** **Description:** Premio Academia III Milenio en el área de Bioquímica
Awarding entity: Academia de las Ciencias, tecnología, Educación y Humanidades
Conferral date: 29/11/2009



Periods of research activity

- 1** **Nº of recognized periods:** 4
Certifying entity: Comisión Nacional Evaluadora de la Actividad Investigadora (CNEAI)
- 2** **Nº of recognized periods:** 5
Certifying entity: Comisión Nacional Evaluadora de la Actividad Investigadora (CNEAI)
- 3** **Nº of recognized periods:** 6
Certifying entity: Comisión Nacional Evaluadora de la Actividad Investigadora (CNEAI)

Obtained accreditations/recognitions

Description: Quinquenios
Nº of recognized periods: 5

Summary of other achievements

- 1** **Description of the achievement:** Becas Obtenidas:- Beca de colaboración. Departamento de Química Inorgánica, Facultad de Químicas de la Universitat de Valencia en el curso 1984-1985.- Beca de la C.A.Y.C.I.T. Departamento de Química Inorgánica, Facultad de Químicas de la Universitat de Valencia Enero-Abril 1987.- Beca de la Generalitat Valenciana para la realización de la Tesis Doctoral, Departamento de Química Inorgánica, Facultad de Químicas de la Universitat de Valencia desde 1987 a 1988.- Beca de formación del Profesorado en el extranjero, University Chemical laboratory, desde Abril 1993 a Julio 1994. Participación en Proyectos de Innovación docente: Participación en el proyecto PID referencia 1046.
- 2** **Description of the achievement:** Certificate professor Ramón Martínez Máñez has written 17 referee reports of excellent quality in 2009 for Angewandte Chemie International Edition
- 3** **Description of the achievement:** Certificate professor Ramón Martínez Máñez has written 22 referee reports of excellent quality in 2010 for Angewandte Chemie International Edition
- 4** **Description of the achievement:** Certificate professor Ramón Martínez Máñez has written 23 referee reports of excellent quality in 2011 for Angewandte Chemie International Edition
- 5** **Description of the achievement:** Coordinador del Area de Tecnología en la Comisión de Evaluación de Proyectos en la DGUI (Dirección General de Universidades e Investigación) de la Generalitat Valenciana. 2004
- 6** **Description of the achievement:** EVALUADOR DESIGNADO POR LA AGENCIA NACIONAL DE EVALUACIÓN Y PROSPECTIVA EN LA CONVOCATORIA 2013 DEL PROGRAMA ESTATAL DE FOMENTO DE LA INVESTIGACIÓN CIENTÍFICA Y TÉCNICA DE EXCELENCIA, SUBPROGRAMA ESTATAL DE GENERACIÓN DE CONOCIMIENTO ? MODALIDAD 1: PROYECTOS DE I+D. 2013



- 7 Description of the achievement:** EVALUADOR DESIGNADO POR LA AGENCIA NACIONAL DE EVALUACIÓN Y PROSPECTIVA EN LA CONVOCATORIA 2013 DEL PROGRAMA ESTATAL DE FOMENTO DE LA INVESTIGACIÓN CIENTÍFICA Y TÉCNICA DE EXCELENCIA, SUBPROGRAMA ESTATAL DE GENERACIÓN DE CONOCIMIENTO □ MODALIDAD 1: PROYECTOS DE I+D. 2013
- 8 Description of the achievement:** Evaluador de la ANEP. 2007
- 9 Description of the achievement:** Evaluador de la ANEP. 2008
- 10 Description of the achievement:** Evaluador de la agencia para la calidad del sistema universitario de Castilla y Leon. 2008
- 11 Description of the achievement:** Participación en el Panel de Evaluadores de Proyectos de Investigación de la Consejería de Salud y Bienestar Social de Andalucía. 2012
- 12 Description of the achievement:** Tramos Docentes:
Evaluación positiva de 2 tramos.
- Tramos Investigación:
Evaluación positiva de 2 tramos.
- Becas Obtenidas:
- Beca de colaboración. Departamento de Química Inorgánica, Facultad de Químicas de la Universitat de Valencia en el curso 1984-1985.
 - Beca de la C.A.Y.C.I.T. Departamento de Química Inorgánica, Facultad de Químicas de la Universitat de Valencia Enero-Abril 1987.
 - Beca de la Generalitat Valenciana para la realización de la Tesis Doctoral, Departamento de Química Inorgánica, Facultad de Químicas de la Universitat de Valencia desde 1987 a 1988.
 - Beca de formación del Profesorado en el extranjero, University Chemical laboratory, desde Abril 1993 a Julio 1994.
- Participación en Proyectos de Innovación docente:
Participación en el proyecto PID referencia 1046.