

DATE	July, 15th 2022
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Part A. Personal Information

Surname(s)	GONZALEZ RUIZ	
Forename	RAMÓN	
Social Security, Passport, ID number	26188870N	
Sex	Male	
Open Researcher and Contributor ID (ORCID)	0000-0002-4946-3001	
EC Expert Identifier at the Commission (uid)	Ngonzcje	

A.1. Current position

Post/ Professional Category	Titular professor	
UNESCO Code	241303, 241305, 240803, 310304, 310107	
Key Words	Entomology; olive pests ecology; beneficial insects; crop protection; biological control	
Name of the University/Institution	UNIVERSITY OF JAÉN	
	Department/Centre	Animal and plant Biology and Ecology/Center for advanced studies in olive groves and olive oils
	Full Address	Paraje las lagunillas s/n. Bld. B3, room 140; 23071- Jaén
	Email Address	ramonglz@ujaen.es
	Phone Number	+34 953212499
Start date		

A.2. Education (title, institution, date)

Year	University	Degree	Title
1983	Granada	First degree	Biology
1990	CSIC (Granada)	PhD	Entomology

A.3. Indicators of Quality in Scientific Production (See the instructions)

1 period of six-years research: 1996-2001

2 these supervised and 2 under supervision

Total number of publications in the first decile (D1) = 2

Total number of publications in the first quartile (Q1) = 15

Number of papers in the second quartile (Q2) = 25

Web of Science database:

Number of publications = 40

index = Google scholar

Sum of times cited = 196

Average citations per item = 3,92

Sum of times cited during the last five years = 58

SCOPUS database:

Number of documents = 50 ; index = 18

Total citations = 55

Number of coauthors = 29.

Part B. Free Summary of CV (Max. of 3.500 characters, including spaces)

The researcher is graduated (1983) and doctor (1990) in Biological Sciences (FPI scholarship). He completed a postdoctoral position (postdoctoral fellowship) at the Cleppa park Field Research Station (Cardiff University) (1990-1991) and subsequently at the Department of Animal and Cell Biology at the Free University of Brussels (ULB) (1991-1992). In 1992 he joined as a contracted researcher at the Zaidin Experimental Station (CSIC) (1992-1994) and later obtained a position in the Zoology Area of the University of Jaén, as Prof. Assistant (1994-2000). In 2000 he obtained the position of Professor Titular. During his stage as a pre-doctoral fellow, he has researched the biology, ecology and control of various olive tree pests, as well as the control of fir scolithids (*Picea abies*) during his postdoctoral stay at the University of Brussels. During his contract at the Consejo Superior de Investigaciones Científicas (Granada) he has been responsible for the application of an integrated control program of dutchelm disease in the elm of the Alhambra and Generalife forests (Granada), which in combination with the induction of resistance has provided satisfactory results. Since joining the University of Jaén, he has been involved in the study of the biology and control of various olive tree pests, such as the moth (*Prays oleae*), the olive bark beetle (*Phloeotribus scarabaeoides*), the olive fly (*Bactrocera oleae*), the branch borer (*Euzophera pinguis*), as well as in the study of the complex of natural enemies associated with the main pests of the olive tree, the assessment of the influence of the different types of olive groves management (Conventional, IPM; and Ecological) in the beneficial insects diversity, abundance and effectiveness as control elements. In recent years (2017-2021) I have focused mainly on the application and improvement of a new practical methodology for the determination of olive groves in ecological management, as a complement to the analytical methods. Among the scientific transfer activities, it is worth highlighting the realization of a website for the identification of olive tree pests, and a total of 17 intellectual copy right records on the ecological relationships of arthropods and vertebrates in different urban, agricultural and forest ecosystems.

He has been the author / co-author of 15 national and international chapters in specialized editorials, more than 45 communications to congresses, has been the PI or has been part of the research team of 15 competitive research projects including European projects, National projects, coordinated actions, and contracts / agreements. He has conducted 2 doctoral theses and 15 master's degree dissertations. Since 2016 he has been part of the panel of experts of the European Union (ID ngonzcjde). He is evaluator of journals of international prestige and indexed in the JCR. since 2019 he is coordinator of the Doctorate Program in olive oil (University of Jaén).

Part C. Relevant accomplishments**C.1. Publications (last 5 years)**

- Title:** Olive Pests (Plagas del Olivo). **URL:** <http://www.ujaen.es/investiga/plagasolivo/>. **Authors:** González-Ruiz, R.; García-Fuentes, A.; García Ruiz, R.; Civantos Ruiz, M. **Year:** 2017.
- Title:** Agricultural management greatly affects the beneficial entomofauna of the olive groves. **Journal:** *American J. Bio. Sciences & Research*. **Year:** 2019 **Vol.** 1(3), 141-151. DOI: 10.34297/AJBSR.2019.01.000530. **Authors:** González-Ruiz, R., & Gómez-Guzmán, J. A. **Impact index (ISI):** 0.823.
- Title:** Side effects of insecticides on beneficial insects: a practical tool to identify organic agroecosystems. **Journal:** *World Journal of Agriculture and Soil Science (WJASS)*. **Year:** 2019 **Volume:** 4(1). DOI: DOI: 10.33552/WJASS.2019.04.000576. <https://irispublishers.com/wjass/pdf/WJASS.MS.ID.000576.pdf> **Authors:** González-Ruiz, R., & Gómez-Guzmán, J. A. **Impact index (ISI):** 0.482.
- Title:** Evopuzzles: A new active methodology for the teaching-learning of the evolutionary relationships of tetrapods. Part One: Paleozoic-Mesozoic. **Journal:** *Brazilian Journal of Development*. **Year:** 2019. **Authors:** González-Ruiz, R. & Sainz Pérez, M. 2019. **Vol.:** 5 (7) p. 9081-9118. **H index** (Google Scholar): 5. <https://www.brazilianjournals.com/index.php/BRJD/article/view/2342/2378>

5. **Title:** Short term effects of *bacillus thuringiensis* and diflubenzuron aerial applications on non-target arthropods in a mediterranean forest. **Journal:** International Journal of Pest Management. **Year:** 2020 **Vol.:** 4(1). DOI: DOI: 10.33552/WJASS.2019.04.000576. **Authors:** Leza, M; González-Ruiz, R. & Alemany, A. **Impact index (JCR):** 0.897. Q2.
6. **Title (Book chapter):** Pests and infectious diseases of the olive tree in Spain and main control strategies. **Book:** The Olive Landscapes of the Mediterranean. Springer-Verlag Publisher Ed. **Year:** 2023 (in press). **Authors:** R. González-Ruiz; J.A. Gómez-Guzmán & P. Cordovilla. **Impact index (SCOPUS):** 3.5. **Quartil (SCI):** Q1
7. **Title:** Induction of sublethal effects for the characterization of olive groves under different pest management systems. **Journal:** Brazilian Journal of fruticulture. **Year:** 2021 **Vol.:** In press. **Authors:** González-Ruiz, R., & Gómez-Guzmán, J. A. **Impact index (SCOPUS):** 2.259. **Quartil (JCR):** Q2
8. **Title:** Determination of the sampling size for the reliable identification of organic crops by inducing sublethal effects in beneficial insects. **Journal:** O IOP Conference Series.: Earth Environ. Sci. 609 012035. **Year:** 2021 **ol.:** In press. **Authors:** Gómez-Guzmán, J. A. & González-Ruiz, R. **Impact index (SCImago):** 8.
<https://iopscience.iop.org/article/10.1088/1755-1315/609/1/012035/pdf>
9. **Title:** Monitoring and Inference of Behavioral Resistance in Beneficial Insects to Insecticides in Two Pest Control Systems: IPM and Organic. **Authors:** Gómez-Guzmán, J. A., Sainz-Pérez, M., & González-Ruiz, R. (2022). **Journal:** Agronomy, 12(2). DOI: 10.3390/agronomy12020538. **Impact index (SCOPUS):** 2.62. **Quartil (JCR):** Q1
10. **Title:** Application of accumulated heat units in the control of olive tree moth, *Prays oleae* (Bern.) (Lep., Praydidae), in olive groves in southern Spain. **Authors:** Civantos-Ruiz, M.; Gómez-Guzmán, J. A; Sainz-Pérez, M. & González-Ruiz, R. **Journal:** Brazilian Journal of fruticulture. **Year:** 2022 **Vol.:** 44(5)., **Impact index (SCOPUS):** 2.259. **Quartil (JCR):** Q2
11. **Title:** Aplicación de las unidades de calor acumulado en el control de *Prays oleae* (Bern.) (Lep., Praydidae). **Authors:** Civantos-Ruiz, M.; Gómez-Guzmán, J. A; Sainz-Pérez, M. & González-Ruiz, R. **Journal:** Phytoma españa. **Year:** 2023 **Vol.** Noviembre **pp:** 2-8.
12. **Title:** A Comparison of IPM and Organic Farming Systems Based on the Efficiency of Oophagous Predation on the Olive Moth (*Prays oleae* Bernard) in Olive Groves of Southern Iberia. **Authors:** Gómez-Guzmán, J.A.; Herrera, J.M.; Rivera, V.; Barreiro; Muñoz-Rojas, J.; García-Ruiz, R.; González-Ruiz. **Journal:** Horticulturae. 2022, 8, 977. **Impact index (SCOPUS):** 2.259. **Quartil (JCR):** Q1.

C.2. Research Projects (last 5 years)

Title: SUSTAINOLIVE: Novel approaches to promote the SUSTAINability of OLIVE cultivation in the Mediterranean.

Funding entity: PRIMA-H2020.

Duration: From: 2019 to: 2023.

Main researcher: Roberto García Ruiz

Title: Avance multidisciplinar en la gestión y conocimiento de las cubiertas de restos de poda en olivar a escala árbol, parcela y explotación.

Funding entity: EC FEDEER.

Duration: From: 2021 to: 2023.

Main researcher: Antonio Rodríguez Lizana

C.3. Contracts (last 5 years)

Title del contrato: Survey of fauna of olive trees in Al Jouf region in Northern Saudi Arabia.

Participant entities: UJAEN-Universidad Al Jouf (Arabia Saudi)

Duration: from: 2015 to: 2017.

Main researcher: Ramón González Ruiz.

C.4. Intellectual and industrial property. Know-how and industrial secrets (last 5 years).

1. **Title:** ECOPUZZLES ECOSISTEMAS MEDITERRANEOS. **Patent ref.:** 1701310486001 **Date:** 31-01-2017 (18:46 UTC). **Institution:** Safe Creative Registro de la Propiedad Intelectual. **Registration by:**ACSILOPD S.L. (PRIVACIDAD GLOBAL). **Holder:** González-Ruiz, Ramón. **Percentage:** 100%.
<https://www.safecreative.org/search?q=1701310486001&search=Buscar>
2. **Title:** ECOPUZZLES INTERACCIONES ECOLOGICAS EN EL OLIVAR. **Patent ref.:** 1702010518566. **Date:** 1-02-2017 (9:56 UTC). **Institution:** Safe Creative Registro de la Propiedad Intelectual. **Registration by:**ACSILOPD S.L. (PRIVACIDAD GLOBAL). **Holder:** González-Ruiz, Ramón. **Percentage:** 100%.
<https://www.safecreative.org/search?q=1702010518566&search=Buscar>
3. **Title:** ECOPUZZLES PLAGAS DE LAS MASAS FORESTALES ESPAÑOLAS. **Patent ref.:** 1702010518771. **Date:** 1-02-2017 (10:14 UTC) **Institution:** Safe Creative Registro de la Propiedad Intelectual. **Registration by:**ACSILOPD S.L. (PRIVACIDAD GLOBAL). **Holder:** González-Ruiz, Ramón. **Percentage:** 100%.
<https://www.safecreative.org/search?q=1702010518771&search=Buscar>
4. **Title:** ECOPUZZLES AVES DEL OLIVAR **Patent ref.:** 1702010518870. **Date:** 1-02-2017 (10:24 UTC) **Institution:** Safe Creative Registro de la Propiedad Intelectual. **Registration by:**ACSILOPD S.L. (PRIVACIDAD GLOBAL). **Holder:** González-Ruiz, Ramón. **Percentage:** 100%.
<https://www.safecreative.org/search?q=1702010518870&search=Buscar>
5. **Title:** ECOPUZZLES PECES DEL LITORAL EUROPEO **Patent ref.:** 1702010518917. **Date:** 1-02-2017 (10:31 UTC) **Institución:** Safe Creative Registro de la Propiedad Intelectual. **Registration by:**ACSILOPD S.L. (PRIVACIDAD GLOBAL). **Holder:** González-Ruiz, Ramón. **Percentage:** 100%.
<https://www.safecreative.org/search?q=1702010518917&search=Buscar>
6. **Title:** ECOPUZZLES AVES DE LAS CIUDADES
Patent ref.: 1702010518948. **Date:** 1-02-2017 (10:38 UTC) **Institution:** Safe Creative Registro de la Propiedad Intelectual. **Registration by:**ACSILOPD S.L. (PRIVACIDAD GLOBAL). **Holder:** González-Ruiz, Ramón. **Percentage:** 100%.
<https://www.safecreative.org/search?q=1702010518948&search=Buscar>
7. **Title:** EVOPUZZLES DIVERSIDAD Y EVOLUCIÓN DE LOS TETRÁPODOS (I) PALEOZOICO
Patent ref.: 1702010519044. **Date:** 1-02-2017 (10:47 UTC) **Institución:** Safe Creative Registro de la Propiedad Intelectual. **Registration by:** ACSILOPD S.L. (PRIVACIDAD GLOBAL). **Holder:** González-Ruiz, Ramón. **Percentage:** 100%.
<https://www.safecreative.org/search?q=1702010519044&search=Buscar>
8. **Title:** EVOPUZZLES DIVERSIDAD Y EVOLUCIÓN DE LOS TETRÁPODOS (II) MESOZOICO TRIÁSICO
Patent ref.: 1702010519068. **Date:** 1-02-2017 (10:55 UTC) **Institution:** Safe Creative Registro de la Propiedad Intelectual. **Registration by:** ACSILOPD S.L. (PRIVACIDAD GLOBAL). **Holder:** González-Ruiz, Ramón. **Percentage:** 100%.
<https://www.safecreative.org/search?q=1702010519068&search=Buscar>
9. **Title:** EVOPUZZLES DIVERSIDAD Y EVOLUCIÓN DE LOS TETRÁPODOS (III) MESOZOICO JURÁSICO. **Patent ref.:** 1702010519204. **Date:** 1-02-2017 (11:14 UTC) **Institution:** Safe Creative Registro de la Propiedad Intelectual. **Registration by:** ACSILOPD S.L. (PRIVACIDAD GLOBAL). **Holder:** González-Ruiz, Ramón. **Percentage:** 100%.
<https://www.safecreative.org/search?q=1702010519204&search=Buscar>
10. **Title:** EVOPUZZLES DIVERSIDAD Y EVOLUCIÓN DE LOS TETRÁPODOS (IV) MESOZOICO CRETÁCICO. **Patent ref.:** 1702010519266. **Date:** 1-02-2017 (11:25 UTC) **Institution:** Safe Creative Registro de la Propiedad Intelectual. **Registration by:** ACSILOPD S.L. (PRIVACIDAD GLOBAL). **Holder:** González-Ruiz, Ramón. **Percentage:** 100%.
<https://www.safecreative.org/search?q=1702010519266&search=Buscar>
11. **Title:** EVOPUZZLES DIVERSIDAD Y EVOLUCIÓN DE LOS TETRÁPODOS (V) CENOZOICO.
Patent ref.: 1702010519303. **Date:** 1-02-2017 (11:31 UTC) **Institution:** Safe Creative Registro de la Propiedad Intelectual. **Registration by:** ACSILOPD S.L. (PRIVACIDAD GLOBAL). **Holder:** González-Ruiz, Ramón. **Percentage:** 100%.
<https://www.safecreative.org/search?q=1702010519303&search=Buscar>

- 12. Title:** EVOPUZZLES DIVERSIDAD Y EVOLUCIÓN DE LOS TETRÁPODOS (VI) CENOZOICO: OLIGOCENO-MIOCENO. **Patent ref.:** 1702010519358. **Date:** 1-02-2017 (11:39 UTC). **Institution:** Safe Creative Registro de la Propiedad Intelectual. **Registration by:** ACSILOPD S.L. (PRIVACIDAD GLOBAL). **Holder:** González-Ruiz, Ramón. **Percentage:** 100%.
<https://www.safecreative.org/search?q=1702010519358&search=Buscar>
- 13. Title:** EVOPUZZLES DIVERSIDAD Y EVOLUCIÓN DE LOS TETRÁPODOS (VII) CENOZOICO: PLIOCENO-PLEISTOCENO. **Patent ref.:** 1702010519402. **Date:** 1-02-2017 (11:49 UTC). **Institution:** Safe Creative Registro de la Propiedad Intelectual. **Registration by:** ACSILOPD S.L. (PRIVACIDAD GLOBAL). **Holder:** González-Ruiz, Ramón. **Percentage:** 100%.
<https://www.safecreative.org/search?q=1702010519402&search=Buscar>
- 14. Title:** EVOPUZZLES DIVERSIDAD Y EVOLUCIÓN DE LOS TETRÁPODOS (VIII) MESOZOICO-CENOZOICO: LAS AVES. **Patent ref.:** 1702010519433. **Date:** 1-02-2017 (11:59 UTC). **Institution:** Safe Creative Registro de la Propiedad Intelectual. **Registration by:** ACSILOPD S.L. (PRIVACIDAD GLOBAL). **Holder:** González-Ruiz, Ramón. **Percentage:** 100%.
<https://www.safecreative.org/search?q=1702010519433&search=Buscar>
- 15. Title:** ECOPUZZLES. **Patent ref.:** VAu 1-048-929. **Date:** 24/11/2010. **Institution:** Registro de copyright de los Estados Unidos de América. **Registration by:** J. Isern (Marcas y Patentes). **Holder:** González-Ruiz, Ramón. **Percentage:** 100%. **Type of protection:** All rights reserved, this work is protected by copyright laws and international treaties.
- 16. Nombre:** PLAGAS DEL OLIVO. **Patent ref.:** TX7-455-844. **Date:** 22/07/2010. **Institution:** Registro de copyright de los Estados Unidos de América. **Registration by:** J. Isern (Marcas y Patentes). **Holder:** González-Ruiz, Ramón. **Percentage:** 100%. **Type of protection:** All rights reserved, this work is protected by copyright laws and international treaties.
- 17. Title:** DOMINIOS ENTOMOLÓGICOS. **Patent ref.:** TX7-455-840. **Date:** 20/07/2010. **Institution:** Registro de copyright de los Estados Unidos de América. **Registration by:** J. Isern (Marcas y Patentes). **Holder:** González-Ruiz, Ramón. **Percentage:** 100%. **Type of protection:** All rights reserved, this work is protected by copyright laws and international treaties.