

# Lucia ZappalÀ

## List of Publications by Year in descending order

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58  
papers

4,014  
citations

172457

29  
h-index

138484

58  
g-index

60  
all docs

60  
docs citations

60  
times ranked

2611  
citing authors

#	ARTICLE	IF	CITATIONS
1	Invasion biology of spotted wing Drosophila ( <i>Drosophila suzukii</i> ): a global perspective and future priorities. <i>Journal of Pest Science</i> , 2015, 88, 469-494.	3.7	711
2	Using organic-certified rather than synthetic pesticides may not be safer for biological control agents: Selectivity and side effects of 14 pesticides on the predator <i>Orius laevigatus</i> . <i>Chemosphere</i> , 2012, 87, 803-812.	8.2	350
3	The non-target impact of spinosyns on beneficial arthropods. <i>Pest Management Science</i> , 2012, 68, 1523-1536.	3.4	297
4	Do Biopesticides Affect the Demographic Traits of a Parasitoid Wasp and Its Biocontrol Services through Sublethal Effects?. <i>PLoS ONE</i> , 2013, 8, e76548.	2.5	265
5	Natural enemies of the South American moth, <i>Tuta absoluta</i> , in Europe, North Africa and Middle East, and their potential use in pest control strategies. <i>Journal of Pest Science</i> , 2013, 86, 635-647.	3.7	241
6	Essential Oils in Stored Product Insect Pest Control. <i>Journal of Food Quality</i> , 2018, 2018, 1-18.	2.6	155
7	Occurrence, biology, natural enemies and management of <i>Tuta absoluta</i> in Africa. <i>Entomologia Generalis</i> , 2018, 38, 83-112.	3.1	152
8	Citrus peel essential oil nanoformulations to control the tomato borer, <i>Tuta absoluta</i> : chemical properties and biological activity. <i>Scientific Reports</i> , 2017, 7, 13036.	3.3	125
9	<i>Tuta absoluta</i> , a South American pest of tomato now in the EPPO region: biology, distribution and damage. <i>EPPO Bulletin</i> , 2012, 42, 205-210.	0.8	113
10	Can alternative host plant and prey affect phytophagy and biological control by the zoophytophagous mirid <i>Nesidiocoris tenuis</i> ?. <i>BioControl</i> , 2016, 61, 79-90.	2.0	110
11	Integrated pest management of <i>Tuta absoluta</i> : practical implementations across different world regions. <i>Journal of Pest Science</i> , 2022, 95, 17-39.	3.7	95
12	Botanical insecticide and natural enemies: a potential combination for pest management against <i>Tuta absoluta</i> . <i>Journal of Pest Science</i> , 2019, 92, 1433-1443.	3.7	79
13	Life stage-dependent susceptibility of <i>Aphytis melinus</i> DeBach (Hymenoptera: Aphelinidae) to two pesticides commonly used in citrus orchards. <i>Chemosphere</i> , 2015, 128, 142-147.	8.2	78
14	Combined Non-Target Effects of Insecticide and High Temperature on the Parasitoid <i>Bracon nigricans</i> . <i>PLoS ONE</i> , 2015, 10, e0138411.	2.5	75
15	Biology and Developmental Strategies of the Palaearctic Parasitoid <i>Bracon nigricans</i> (Hymenoptera: Braconidae) on the Neotropical Moth <i>Tuta absoluta</i> (Lepidoptera: Tortricidae). <i>TJ ETQq1 1 0.784314 rgBT/Overl</i>		
16	Efficacy of sulphur on <i>Tuta absoluta</i> and its side effects on the predator <i>Nesidiocoris tenuis</i> . <i>Journal of Applied Entomology</i> , 2012, 136, 401-409.	1.8	66
17	Target and non-target impact of systemic insecticides on a polyphagous aphid pest and its parasitoid. <i>Chemosphere</i> , 2020, 247, 125728.	8.2	59
18	Lethal and sub-lethal effects of insecticides on natural enemies of citrus scale pests. <i>BioControl</i> , 2009, 54, 651-661.	2.0	58

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19	Stage-Related Defense Response Induction in Tomato Plants by <i>Nesidiocoris tenuis</i> . International Journal of Molecular Sciences, 2016, 17, 1210.	4.1	51
20	Using <i>Calendula officinalis</i> as a floral resource to enhance aphid and thrips suppression by the flower bug <i>Orius sauteri</i> (Hemiptera: Anthocoridae). Pest Management Science, 2017, 73, 515-520.	3.4	46
21	Vine and citrus mealybug pest control based on synthetic chemicals. A review. Agronomy for Sustainable Development, 2018, 38, 1.	5.3	46
22	Natural enemies of <i>Tuta absoluta</i> in the Mediterranean basin, Europe and South America. Biocontrol Science and Technology, 2019, 29, 578-609.	1.3	46
23	Dispersal of <i>Aphytis melinus</i> (Hymenoptera: Aphelinidae) after augmentative releases in citrus orchards. European Journal of Entomology, 2012, 109, 561-568.	1.2	41
24	Elucidating key biological parameters of <i>Tuta absoluta</i> on different host plants and under various temperature and relative humidity regimes. Entomologia Generalis, 2019, 39, 1-7.	3.1	40
25	Citrus Pest Management in the Northern Mediterranean Basin (Spain, Italy and Greece). , 2010, , 3-27.		37
26	Olfactory response of the zoophytophagous mirid <i>Nesidiocoris tenuis</i> to tomato and alternative host plants. Arthropod-Plant Interactions, 2017, 11, 121-131.	1.1	37
27	Fortuitous parasitoids of the invasive tomato leafminer <i>Tuta absoluta</i> in Tunisia. Phytoparasitica, 2014, 42, 85-92.	1.2	35
28	Fumigant bioactivity of five Citrus essential oils against <i>Tribolium confusum</i> . Phytoparasitica, 2014, 42, 223-233.	1.2	35
29	Side effects of two citrus essential oil formulations on a generalist insect predator, plant and soil enzymatic activities. Chemosphere, 2020, 257, 127252.	8.2	33
30	Bioactivity of essential oil-based nano-biopesticides toward <i>Rhyzopertha dominica</i> (Coleoptera: Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 30	5.2	33
31	Insights into food webs associated with the South American tomato pinworm. Pest Management Science, 2017, 73, 1352-1357.	3.4	32
32	Temperature and tomato variety influence the development and the plant damage induced by the zoophytophagous mirid bug <i>Nesidiocoris tenuis</i> . Journal of Pest Science, 2019, 92, 1049-1056.	3.7	32
33	RNAi in <i>Tuta absoluta</i> management: effects of injection and root delivery of dsRNAs. Journal of Pest Science, 2019, 92, 1409-1419.	3.7	28
34	Combined thermal and insecticidal stresses on the generalist predator <i>Macrolophus pygmaeus</i> . Science of the Total Environment, 2020, 729, 138922.	8.0	26
35	Nitrogen and water inputs to tomato plant do not trigger bottomâ€ effects on a leafminer parasitoid through host and nonâ€ host exposures. Pest Management Science, 2018, 74, 516-522.	3.4	25
36	Can contamination by major systemic insecticides affect the voracity of the harlequin ladybird?. Chemosphere, 2020, 256, 126986.	8.2	24

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37	Effectiveness of different release rates of <i>Trichogramma cacoeciae</i> (Hymenoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 tomato crops in Tunisia. <i>Biocontrol Science and Technology</i> , 2019, 29, 149-161.	1.3	21
38	Detrimental sublethal effects hamper the effective use of natural and chemical pesticides in combination with a key natural enemy of <i>Bemisia tabaci</i> on tomato. <i>Pest Management Science</i> , 2020, 76, 3551-3559.	3.4	20
39	Innate Olfactory Responses of <i>Asobara japonica</i> Toward Fruits Infested by the Invasive Spotted Wing <i>Drosophila</i> . <i>Journal of Insect Behavior</i> , 2017, 30, 495-506.	0.7	19
40	Does the dose make the poison? Neurotoxic insecticides impair predator orientation and reproduction even at low concentrations. <i>Pest Management Science</i> , 2022, 78, 1698-1706.	3.4	19
41	Reproductive strategies and parasitization behavior of <i>Ageniaspis citricola</i> , a parasitoid of the citrus leafminer <i>Phyllocnistis citrella</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2004, 113, 135-143.	1.4	17
42	Bioactivity of Different Chemotypes of Oregano Essential Oil against the Blowfly <i>Calliphora vomitoria</i> Vector of Foodborne Pathogens. <i>Insects</i> , 2021, 12, 52.	2.2	17
43	Silica- $\mu$ Microencapsulated Orange Oil for Sustainable Pest Control. <i>Advanced Sustainable Systems</i> , 2021, 5, 2000280.	5.3	17
44	Efficacy of mass trapping and insecticides to control <i>Tuta absoluta</i> in Tunisia. <i>Journal of Plant Diseases and Protection</i> , 2018, 125, 51-61.	2.9	16
45	<i>Tuta absoluta</i> in Tunisia: ten years of invasion and pest management. <i>Phytoparasitica</i> , 2019, 47, 461-474.	1.2	15
46	Impact of a shared sugar food source on biological control of <i>Tuta absoluta</i> by the parasitoid <i>Necremnus tuta</i> . <i>Journal of Pest Science</i> , 2020, 93, 207-218.	3.7	15
47	Potential diet regimens for laboratory rearing of the harlequin ladybird. <i>BioControl</i> , 2020, 65, 583-592.	2.0	15
48	Citrus Integrated Pest Management in Italy. , 2010, , 73-100.		10
49	First record of the Persea Mite <i>Oligonychus perseae</i> (Acari: Tetranychidae) in Italy with a review of the literature. <i>International Journal of Acarology</i> , 2015, 41, 97-99.	0.7	9
50	The Cotton Mealybug Is Spreading along the Mediterranean: First Pest Detection in Italian Tomatoes. <i>Insects</i> , 2021, 12, 675.	2.2	8
51	Microbial mutualism suppression by <i>Trichoderma</i> and <i>Bacillus</i> species for controlling the invasive ambrosia beetle <i>Xylosandrus compactus</i> . <i>Biological Control</i> , 2022, 170, 104929.	3.0	7
52	Pre-release evaluation of <i>Semiela cheri</i> (Hymenoptera: Eulophidae) in quarantine for the control of citrus leafminer: Host discrimination, relative humidity tolerance, and alternative hosts. <i>Biological Control</i> , 2006, 36, 65-73.	3.0	6
53	Detection and monitoring of <i>Drosophila suzukii</i> in raspberry and cherry orchards with volatile organic compounds in the USA and Europe. <i>Scientific Reports</i> , 2021, 11, 6860.	3.3	6
54	Plant defences for enhanced integrated pest management in tomato. <i>Annals of Applied Biology</i> , 2022, 180, 328-337.	2.5	6

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55	Evaluation of two methods for applying Apiguard® in an area with continuous nectar flows and brood rearing. <i>Journal of Apicultural Research</i> , 2007, 46, 105-109.	1.5	5
56	Interactions between the red imported fire ant, the citrus leafminer, and its parasitoid <i>Ageniaspis citricola</i> (Hymenoptera: Encyrtidae): Laboratory and field evaluations. <i>Biocontrol Science and Technology</i> , 2007, 17, 353-363.	1.3	5
57	Pest categorisation of <i>Oligonychus perseae</i> . <i>EFSA Journal</i> , 2022, 20, .	1.8	4
58	Hygienic and physicochemical quality characterisation of artisanal and industrial Pecorino Sardiniano cheese. <i>International Journal of Dairy Technology</i> , 2013, 66, 595-603.	2.8	3