

Claudio Ioriatti

List of Publications by Year in descending order

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67
papers

2,971
citations

159585

30
h-index

175258

52
g-index

68
all docs

68
docs citations

68
times ranked

2025
citing authors

#	ARTICLE	IF	CITATIONS
1	In Focus: Spotted wing drosophila, <i>Drosophila suzukii</i> , across perspectives. Pest Management Science, 2011, 67, 1349-1351.	3.4	297
2	Diversity of insecticide resistance mechanisms and spectrum in European populations of the codling moth, <i>Cydia pomonella</i> . Pest Management Science, 2007, 63, 890-902.	3.4	151
3	Chemical Ecology and Management of <i>Lobesia botrana</i> (Lepidoptera: Tortricidae). Journal of Economic Entomology, 2011, 104, 1125-1137.	1.8	140
4	Integrating Temperature-Dependent Life Table Data into a Matrix Projection Model for <i>Drosophila suzukii</i> Population Estimation. PLoS ONE, 2014, 9, e106909.	2.5	124
5	ANTENNAL AND BEHAVIORAL RESPONSES OF GRAPEVINE MOTH <i>Lobesia botrana</i> FEMALES TO VOLATILES FROM GRAPEVINE. Journal of Chemical Ecology, 2005, 31, 77-87.	1.8	120
6	<i>Drosophila suzukii</i> (Diptera: Drosophilidae) and its Potential Impact to Wine Grapes During Harvest in Two Cool Climate Wine Grape Production Regions. Journal of Economic Entomology, 2015, 108, 1148-1155.	1.8	120
7	Synergism and redundancy in a plant volatile blend attracting grapevine moth females. Phytochemistry, 2007, 68, 203-209.	2.9	118
8	<i>Drosophila suzukii</i> (Diptera: Drosophilidae): A Decade of Research Towards a Sustainable Integrated Pest Management Program. Journal of Economic Entomology, 2021, 114, 1950-1974.	1.8	113
9	Host stage preference, efficacy and fecundity of parasitoids attacking <i>Drosophila suzukii</i> in newly invaded areas. Biological Control, 2015, 84, 28-35.	3.0	111
10	Essential host plant cues in the grapevine moth. Die Naturwissenschaften, 2006, 93, 141-144.	1.6	102
11	<i>Drosophila suzukii</i> population response to environment and management strategies. Journal of Pest Science, 2016, 89, 653-665.	3.7	90
12	Synthetic Grape Volatiles Attract Mated <i>Lobesia botrana</i> Females in Laboratory and Field Bioassays. Journal of Chemical Ecology, 2009, 35, 1054-1062.	1.8	82
13	Effects of chlorantraniliprole on eggs and larvae of <i>Lobesia botrana</i> (Denis & Tj) ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	3.4	69
14	Semiochemical Strategies for Tortricid Moth Control in Apple Orchards and Vineyards in Italy. Journal of Chemical Ecology, 2016, 42, 571-583.	1.8	66
15	Attraction of Female Grapevine Moth to Common and Specific Olfactory Cues from 2 Host Plants. Chemical Senses, 2010, 35, 57-64.	2.0	63
16	Augmentative releases of <i>Trichopria drosophilae</i> for the suppression of early season <i>Drosophila suzukii</i> populations. BioControl, 2019, 64, 9-19.	2.0	62
17	Integrated Fruit Production and Pest Management in Europe: The Apple Case Study and How Far We Are From the Original Concept?. Insects, 2015, 6, 626-657.	2.2	61
18	Comparative life history traits of indigenous Italian parasitoids of <i>Drosophila suzukii</i> and their effectiveness at different temperatures. Biological Control, 2017, 112, 20-27.	3.0	58

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19	Host location and dispersal ability of the cosmopolitan parasitoid <i>Trichopria drosophilae</i> released to control the invasive spotted wing <i>Drosophila</i> . <i>Biological Control</i> , 2018, 117, 188-196.	3.0	58
20	Sex Pheromone Aerosol Devices for Mating Disruption: Challenges for a Brighter Future. <i>Insects</i> , 2019, 10, 308.	2.2	55
21	Wind tunnel attraction of grapevine moth females, <i>Lobesia Botrana</i> , to natural and artificial grape odour. <i>Chemoecology</i> , 2006, 16, 87-92.	1.1	49
22	<i>Drosophila suzukii</i> (Diptera: Drosophilidae) Contributes to the Development of Sour Rot in Grape. <i>Journal of Economic Entomology</i> , 2018, 111, 283-292.	1.8	48
23	Entomological Opportunities and Challenges for Sustainable Viticulture in a Global Market. <i>Annual Review of Entomology</i> , 2018, 63, 193-214.	11.8	46
24	Toxicity of emamectin benzoate to <i>Cydia pomonella</i> (L.) and <i>Cydia molesta</i> (Busck) (Lepidoptera: Tortricidae): laboratory and field tests. <i>Pest Management Science</i> , 2009, 65, 306-312.	3.4	44
25	Seasonal Reproductive Biology of <i>Drosophila suzukii</i> (Diptera: Drosophilidae) in Temperate Climates. <i>Environmental Entomology</i> , 2018, 47, 166-174.	1.4	41
26	Comparison of attractants for monitoring <i>Drosophila suzukii</i> in sweet cherry orchards in Italy. <i>Journal of Applied Entomology</i> , 2018, 142, 18-25.	1.8	36
27	Effect of anti-hail nets on <i>Cydia pomonella</i> behavior in apple orchards. <i>Entomologia Experimentalis Et Applicata</i> , 2008, 129, 32-36.	1.4	34
28	Mating Behavior of <i>Hyaletthes obsoletus</i> (Hemiptera: Cixiidae). <i>Annals of the Entomological Society of America</i> , 2010, 103, 813-822.	2.5	33
29	Oviposition Response of the Moth <i>Lobesia botrana</i> to Sensory Cues from a Host Plant. <i>Chemical Senses</i> , 2011, 36, 633-639.	2.0	33
30	Early detection of resistance to tebufenozide in field populations of <i>Cydia pomonella</i> L.: methods and mechanisms. <i>Journal of Applied Entomology</i> , 2007, 131, 453-459.	1.8	32
31	Grape Berry Moths in Western European Vineyards and Their Recent Movement into the New World. , 2012, , 339-359.		32
32	Cost-benefit analysis of controlling the spotted wing drosophila (<i>Drosophila suzukii</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Science, 2017, 73, 2318-2327.	3.4	32
33	Study on the Role of Olfaction in Host Plant Detection of <i>Scaphoideus titanus</i> (Hemiptera: Cicadellidae) Nymphs. <i>Journal of Economic Entomology</i> , 2009, 102, 974-980.	1.8	29
34	Susceptibility of table grape varieties grown in south-eastern Italy to <i>Drosophila suzukii</i> . <i>Journal of Applied Entomology</i> , 2018, 142, 465-472.	1.8	26
35	New Pheromone Components of the Grapevine Moth <i>Lobesia botrana</i> . <i>Journal of Chemical Ecology</i> , 2005, 31, 2923-2932.	1.8	25
36	Biological Activity of Ethyl (E,Z)-2,4-Decadienoate on Different Tortricid Species: Electrophysiological Responses and Field Tests. <i>Environmental Entomology</i> , 2007, 36, 1025-1031.	1.4	25

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37	Essential Oils as Post-Harvest Crop Protectants against the Fruit Fly <i>Drosophila suzukii</i> : Bioactivity and Organoleptic Profile. <i>Insects</i> , 2020, 11, 508.	2.2	24
38	Effects of the fungicides mancozed and dithianon on mortality and reproduction of the predatory mite <i>Amblyseius andersoni</i> . <i>Experimental and Applied Acarology</i> , 1992, 15, 109-116.	1.6	23
39	Pheromone pre-exposure and mating modulate codling moth (Lepidoptera: Tortricidae) response to host plant volatiles. <i>Agricultural and Forest Entomology</i> , 2005, 7, 231-236.	1.3	20
40	The biological efficacy of pear ester on the activity of Granulosis virus for codling moth. <i>Journal of Pest Science</i> , 2008, 81, 29-34.	3.7	18
41	A study of the effects of "Candidatus <i>Phytoplasma mali</i> "™ on the psyllid <i>Cacopsylla melanoneura</i> (Hemiptera: Psyllidae). <i>Journal of Invertebrate Pathology</i> , 2010, 103, 65-67.	3.2	18
42	Biological control of <i>Drosophila suzukii</i> : Efficacy of parasitoids, entomopathogenic fungi, nematodes and deterrents of oviposition in laboratory assays. <i>Crop Protection</i> , 2019, 125, 104897.	2.1	18
43	Live Traps for Adult Brown Marmorated Stink Bugs. <i>Insects</i> , 2019, 10, 376.	2.2	18
44	The Competitive Mating of Irradiated Brown Marmorated Stink Bugs, <i>Halyomorpha halys</i> , for the Sterile Insect Technique. <i>Insects</i> , 2019, 10, 411.	2.2	18
45	Tissue age, orchard location and disease management influence the composition of fungal and bacterial communities present on the bark of apple trees. <i>Environmental Microbiology</i> , 2020, 22, 2080-2093.	3.8	17
46	First Report of <i>Leptopilina japonica</i> in Europe. <i>Insects</i> , 2020, 11, 611.	2.2	16
47	Flight tunnel response of codling moth <i>Cydia pomonella</i> to blends of codlemone, codlemone antagonists and pear ester. <i>Physiological Entomology</i> , 2010, 35, 249-254.	1.5	14
48	Evaluation of the environmental impact of apple pest control strategies using pesticide risk indicators. <i>Integrated Environmental Assessment and Management</i> , 2011, 7, 542-549.	2.9	14
49	Attractiveness of year-old polyethylene Isonet sex pheromone dispensers for <i>Lobesia botrana</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2005, 117, 201-207.	1.4	13
50	Potential of a blend of E8,E10-12OH and E8,E10-12Ac for mating disruption of codling moth, <i>Cydia pomonella</i> L. (Lep., Tortricidae). <i>Journal of Applied Entomology</i> , 1996, 120, 611-614.	1.8	12
51	Behavioral responses of leafroller larvae to apple leaves and fruit. <i>Entomologia Experimentalis Et Applicata</i> , 1996, 81, 97-103.	1.4	12
52	Efficacy baselines of seven insecticides against larvae of <i>Pandemis heparana</i> (Lepidoptera: Tortricidae). <i>Journal of Pest Science</i> , 2006, 79, 163-168.	3.7	12
53	Effectiveness of five insecticides for the control of adults and young stages of <i>Cacopsylla melanoneura</i> (Förster) (Hemiptera: Psyllidae) in a semi-field trial. <i>Pest Management Science</i> , 2010, 66, 308-312.	3.4	11
54	Importance of psyllids™ life stage in the epidemiology of apple proliferation phytoplasma. <i>Journal of Pest Science</i> , 2020, 93, 49-61.	3.7	10

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55	Ecological and Genetic Differences between <i>Cacopsylla melanoneura</i> (Hemiptera, Psyllidae) Populations Reveal Species Host Plant Preference. PLoS ONE, 2013, 8, e69663.	2.5	9
56	Role of Winter Host Plants in Vineyard Colonization and Phenology of <i>Zygina rhamnii</i> (Hemiptera: Cicadellidae: Typhlocybinae). Annals of the Entomological Society of America, 2008, 101, 1003-1009.	2.5	8
57	Olfactory activity of ethyl (E,Z)-2,4-decadienoate on adult oriental fruit moths. Canadian Entomologist, 2010, 142, 481-488.	0.8	7
58	PRIMER NOTE: Characterization of microsatellite loci in <i>Cacopsylla melanoneura</i> Förster (Homoptera: Psyllidae). Journal of Economic Entomology, 2010, 103, 1003-1009.	1.7	6
59	Substrate-Borne Vibrational Communication in the Vector of Apple Proliferation Disease <i>Cacopsylla picta</i> (Hemiptera: Psyllidae). Journal of Economic Entomology, 2020, 113, 596-603.	1.8	6
60	Impacts of Standard Wine-Making Process on the Survival of <i>Lobesia botrana</i> Larvae (Lepidoptera: Tortricidae) in Infested Grape Clusters. Journal of Economic Entomology, 2013, 106, 2349-2353.	1.8	5
61	Étude des principaux facteurs influençant l'attraction d'attractifs sexuels synthétiques à partir de diffuseurs en caoutchouc et en plastique. Entomologia Experimentalis Et Applicata, 1987, 44, 123-130.	1.4	4
62	Susceptibility of selected apple cultivars to the Mediterranean fruit fly. Journal of Applied Entomology, 2019, 143, 744-753.	1.8	4
63	IFP EXPERIENCES IN TRENTO, ITALY. Acta Horticulturae, 2000, , 45-50.	0.2	4
64	Soil Communities: Who Responds and How Quickly to a Change in Agricultural System?. Sustainability, 2022, 14, 383.	3.2	3
65	Trapping Brown Marmorated Stink Bugs: The Nazgûl Lure and Kill Nets. Insects, 2019, 10, 433.	2.2	1
66	Hail nets enhance disruption of sexual communication by synthetic pheromone in codling moth. Entomologia Generalis, 2017, 37, 7-18.	3.1	1
67	Un nuovo ed efficace attrattivo per la cattura di <i>Drosophila Suzukii</i> basato su ceppi di <i>Oenococcus oeni</i> . , 2015, , .		0