

Eduardo Fuentes-Contreras

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,110
citations

361413

20
h-index

454955

30
g-index

61
all docs

61
docs citations

61
times ranked

1037
citing authors

#	ARTICLE	IF	CITATIONS
1	Energetic costs of detoxification systems in herbivores feeding on chemically defended host plants: a correlational study in the grain aphid, <i>Sitobion avenae</i> . <i>Journal of Experimental Biology</i> , 2009, 212, 1185-1190.	1.7	62
2	The invasion route for an insect pest species: the tobacco aphid in the New World. <i>Molecular Ecology</i> , 2010, 19, 4738-4752.	3.9	58
3	Influence of plant resistance at the third trophic level: interactions between parasitoids and entomopathogenic fungi of cereal aphids. <i>Oecologia</i> , 1998, 117, 426-432.	2.0	56
4	Evaluation of Azinphos-Methyl Resistance and Activity of Detoxifying Enzymes in Codling Moth (Lepidoptera: Tortricidae) from Central Chile. <i>Journal of Economic Entomology</i> , 2007, 100, 551-556.	1.8	53
5	Population Genetic Structure of Codling Moth (Lepidoptera: Tortricidae) from Apple Orchards in Central Chile. <i>Journal of Economic Entomology</i> , 2008, 101, 190-198.	1.8	51
6	Pseudoreplication and Its Frequency in Olfactometric Laboratory Studies. <i>Journal of Chemical Ecology</i> , 2000, 26, 1423-1431.	1.8	45
7	Insecticide resistance in the <i>Cydia pomonella</i> (L): Global status, mechanisms, and research directions. <i>Pesticide Biochemistry and Physiology</i> , 2021, 178, 104925.	3.6	44
8	Genetic diversity and insecticide resistance of <i>Myzus persicae</i> (Hemiptera: Aphididae) populations from tobacco in Chile: evidence for the existence of a single predominant clone. <i>Bulletin of Entomological Research</i> , 2004, 94, 11-18.	1.0	43
9	Information and communication technologies and climate change adaptation in Latin America and the Caribbean: a framework for action. <i>Climate and Development</i> , 2015, 7, 208-222.	3.9	35
10	Landscape Analysis of Adult Codling Moth (Lepidoptera: Tortricidae) Distribution and Dispersal Within Typical Agroecosystems Dominated by Apple Production in Central Chile. <i>Environmental Entomology</i> , 2010, 39, 1399-1408.	1.4	33
11	Evaluating reproductive fitness and metabolic costs for insecticide resistance in <i>Myzus persicae</i> from Chile. <i>Physiological Entomology</i> , 2011, 36, 253-260.	1.5	32
12	Title is missing!. <i>Journal of Chemical Ecology</i> , 1998, 24, 371-381.	1.8	29
13	Evaluation of Azinphos-Methyl Resistance and Activity of Detoxifying Enzymes in Codling Moth (Lepidoptera: Tortricidae) from Central Chile. <i>Journal of Economic Entomology</i> , 2007, 100, 551-556.	1.8	28
14	Population Genetic Structure of Codling Moth (Lepidoptera: Tortricidae) from Apple Orchards in Central Chile. <i>Journal of Economic Entomology</i> , 2008, 101, 190-198.	1.8	28
15	Host plant and natural enemy impact on cereal aphid competition in a seasonal environment. <i>Oikos</i> , 2002, 96, 481-491.	2.7	25
16	Physiological approach to explain the ecological success of "superclones" in aphids: Interplay between detoxification enzymes, metabolism and fitness. <i>Journal of Insect Physiology</i> , 2010, 56, 1058-1064.	2.0	24
17	Monitoring oriental fruit moth and codling moth (Lepidoptera: Tortricidae) with combinations of pheromones and kairomones. <i>Journal of Applied Entomology</i> , 2014, 138, 783-794.	1.8	24
18	Survey of Resistance to Four Insecticides and their Associated Mechanisms in Different Genotypes of the Green Peach Aphid (Hemiptera: Aphididae) From Chile. <i>Journal of Economic Entomology</i> , 2013, 106, 400-407.	1.8	23

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19	Volatiles of Grape Inoculated with Microorganisms: Modulation of Grapevine Moth Oviposition and Field Attraction. <i>Microbial Ecology</i> , 2018, 76, 751-761.	2.8	23
20	Biological and genetic features of introduced aphid populations in agroecosystems. <i>Current Opinion in Insect Science</i> , 2018, 26, 63-68.	4.4	22
21	Landscape composition modulates population genetic structure of <i>Eriosoma lanigerum</i> (Hausmann) on <i>Malus domestica</i> Borkh in central Chile. <i>Bulletin of Entomological Research</i> , 2009, 99, 97-105.	1.0	21
22	Annotated expressed sequence tags and xenobiotic detoxification in the aphid <i>Myzus persicae</i> (Sulzer). <i>Insect Science</i> , 2007, 14, 29.	3.0	19
23	Modeling codling moth (Lepidoptera: Tortricidae) phenology and predicting egg hatch in apple orchards of the Maule Region, Chile. <i>Chilean Journal of Agricultural Research</i> , 2015, 75, 57-62.	1.1	19
24	Effect of wheat resistance, the parasitoid <i>Aphidius rhopalosiphi</i> , and the entomopathogenic fungus <i>Pandora neoaphidis</i> , on population dynamics of the cereal aphid <i>Sitobion avenae</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2000, 97, 109-114.	1.4	18
25	Organophosphate Resistance and its Main Mechanism in Populations of Codling Moth (Lepidoptera: Tortricidae) Tj ETQq1 1 0.784314 rgBT /Ove	1.8	17
26	Differences in the Detoxification Metabolism between Two clonal Lineages of the Aphid <i>Myzus persicae</i> (Sulzer) (Hemiptera: Aphididae) Reared on Tobacco (<i>Nicotiana tabacum</i> L.). <i>Chilean Journal of Agricultural Research</i> , 2010, 70, 567-575.	1.1	16
27	Similar worldwide patterns in the sex pheromone signal and response in the oriental fruit moth, <i>Grapholita molesta</i> (Lepidoptera: Tortricidae). <i>Bulletin of Entomological Research</i> , 2015, 105, 23-31.	1.0	16
28	Identification of a Novel Moth Sex Pheromone Component from <i>Chilecomadia valdiviana</i> . <i>Journal of Chemical Ecology</i> , 2016, 42, 908-918.	1.8	16
29	Captures of oriental fruit moth, <i>Grapholita molesta</i> (Lepidoptera: Tortricidae), in traps baited with host-plant volatiles in Chile. <i>Applied Entomology and Zoology</i> , 2018, 53, 193-204.	1.2	16
30	Genetic diversity and insecticide resistance during the growing season in the green peach aphid (Hemiptera: Aphididae) on primary and secondary hosts: a farm-scale study in Central Chile. <i>Bulletin of Entomological Research</i> , 2014, 104, 182-194.	1.0	15
31	Acceptance and suitability of <i>Acyrtosiphon pisum</i> and <i>Sitobion avenae</i> as hosts of the aphid parasitoid <i>Aphidius ervi</i> (Hymenoptera: Braconidae). <i>European Journal of Entomology</i> , 2003, 100, 49-53.	1.2	15
32	Catálogo de los Áfidos (Hemiptera, Aphididae) de Chile, con plantas hospedadoras y distribuciones regional y provincial. <i>Graellsia</i> , 2016, 72, 050.	0.2	15
33	Host-Plant Chemicals and Distribution of <i>Neuquenaphis</i> on <i>Nothofagus</i> . <i>Journal of Chemical Ecology</i> , 1999, 25, 1043-1054.	1.8	14
34	Species richness of herbivorous insects on <i>Nothofagus</i> trees in South America and New Zealand: The importance of chemical attributes of the host. <i>Basic and Applied Ecology</i> , 2009, 10, 10-18.	2.7	14
35	Monitoring oriental fruit moth (Lepidoptera: Tortricidae) with sticky traps baited with terpinyl acetate and sex pheromone. <i>Journal of Applied Entomology</i> , 2013, 137, 275-281.	1.8	14
36	Improved monitoring of oriental fruit moth (Lepidoptera: Tortricidae) with terpinyl acetate plus acetic acid membrane lures. <i>Journal of Applied Entomology</i> , 2018, 142, 731-744.	1.8	14

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37	Behavioural thermoregulation in <i>Acyrtosiphon pisum</i> (Homoptera: Aphididae): the effect of parasitism by <i>Aphidius ervi</i> (Hymenoptera: Braconidae). <i>Journal of Thermal Biology</i> , 2001, 26, 133-137.	2.5	13
38	Integrated management of tortricid pests of tree fruit. <i>Burleigh Dodds Series in Agricultural Science</i> , 2019, , 377-424.	0.2	12
39	Measuring Local Genetic Variability in Populations of Codling Moth (Lepidoptera: Tortricidae) Across an Unmanaged and Commercial Orchard Interface. <i>Environmental Entomology</i> , 2014, 43, 520-527.	1.4	8
40	Effect of innate preferences, conditioning and adult experience on the attraction of <i>Aphidius ervi</i> (Hymenoptera: Braconidae) toward plant volatiles. <i>European Journal of Entomology</i> , 2002, 99, 285-288.	1.2	8
41	Monitoring and mechanisms of organophosphate resistance in San Jose scale, <i>Diaspidiotus perniciosus</i> (Hemiptera: Diaspididae). <i>Journal of Applied Entomology</i> , 2016, 140, 507-516.	1.8	7
42	Acetic acid lure placement within traps affects moth catches of codling moth (Lepidoptera: Tortricidae). <i>Journal of Applied Entomology</i> , 2017, 141, 542-547.	1.8	7
43	Biological Control May Fail on Pests Applied with High Doses of Insecticides: Effects of Sub-Lethal Concentrations of a Pyrethroid on the Host-Searching Behavior of the Aphid Parasitoid <i>Aphidius colemani</i> (Hymenoptera, Braconidae) on Aphid Pests. <i>Agriculture (Switzerland)</i> , 2021, 11, 539.	3.1	7
44	An evaluation of orange and clear traps with pear ester to monitor codling moth (Lepidoptera: Tortricidae). <i>Journal of Applied Entomology</i> , 2017, 141, 542-547.	0.2	7
45	Isolation and characterization of microsatellite loci from the woolly apple aphid <i>Eriosoma lanigerum</i> (Hemiptera: Aphididae: Eriosomatinae). <i>Molecular Ecology Resources</i> , 2009, 9, 302-304.	4.8	6
46	Population Genetic Structure of Codling Moth, <i>Cydia pomonella</i> (L.) (Lepidoptera: Tortricidae), in Different Localities and Host Plants in Chile. <i>Insects</i> , 2020, 11, 285.	2.2	5
47	3,7-Dimethylpentadecane: a Novel Sex Pheromone Component from <i>Leucoptera sinuella</i> (Lepidoptera: Tortricidae). <i>Journal of Chemical Ecology</i> , 2014, 40, 784-794.	1.8	4
48	Monitoring <i>Chilecomadia valdiviana</i> (Lepidoptera: Cossidae) Using Sex Pheromone-Baited Traps in Apple Orchards in Chile. <i>Insects</i> , 2021, 12, 511.	2.2	4
49	Differences in behavioral responses of <i>Sitobion avenae</i> (Hemiptera: Aphididae) to volatile compounds, following parasitism by <i>Aphidius ervi</i> (Hymenoptera: Braconidae). <i>Ecoscience</i> , 1998, 5, 334-337.	1.4	3
50	Body mass and wing geometric morphology of the codling moth (Lepidoptera: Tortricidae) according to sex, location and host plant in the region of Maule, Chile. <i>Ciencia E Investigacion Agraria</i> , 2015, 42, 8-8.	0.2	3
51	Use of Mixture Designs to Investigate Contribution of Minor Sex Pheromone Components to Trap Catch of the Carpenterworm Moth, <i>Chilecomadia valdiviana</i> . <i>Journal of Chemical Ecology</i> , 2017, 43, 1046-1055.	1.8	3
52	Acute toxicity of lethal and sublethal concentrations of neonicotinoid, insect growth regulator and diamide insecticides on natural enemies of the woolly apple aphid and the obscure mealybug. <i>Chilean Journal of Agricultural Research</i> , 2021, 81, 398-407.	1.1	3
53	10.1023/A:1021261305066. , 2011, , .		3
54	Direct and indirect effects of wheat cultivars with different levels of resistance on parasitoids and entomopathogenic fungi of cereal aphids. <i>Ecoscience</i> , 2002, 9, 37-43.	1.4	2

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55	<i>Aphis</i> (<i>Toxoptera</i>) <i>citricidus</i> (<i>Kirkaldy</i>) [Hemiptera: Aphididae] and <i>C. hile</i> . EPPO Bulletin, 2015, 45, 99-102.	0.8	2
56	Genetic structure of <i>Cydia pomonella</i> populations in Argentina and Chile implies isolating barriers exist between populations. Journal of Applied Entomology, 0, , .	1.8	2
57	SYNTHESIS AND FIELD TEST OF A PHEROMONE ANALOG OF <i>CHILECOMADIA VALDIVIANA</i> . Journal of the Chilean Chemical Society, 2018, 63, 4019-4022.	1.2	1
58	Sub-Lethal Effects of λ -Cyhalothrin on Behavior and Development of the Parasitoid <i>Aphidius colemani</i> (Hymenoptera: Braconidae) on kdr-Resistant and Susceptible Green Peach Aphid, <i>Myzus persicae</i> (Hemiptera: Aphididae). Journal of Economic Entomology, 2021, 114, 2032-2042.	1.8	1
59	Changes in the genetic composition of <i>Myzus persicae nicotianae</i> populations in Chile and frequency of insecticide resistance mutations. Bulletin of Entomological Research, 2021, 111, 759-767.	1.0	1
60	Variabilidad genética neutral y presencia de mecanismos de resistencia en <i>Myzus persicae</i> (Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 1 2019, 20, .	0.3	1