

# Geraldo Andrade Carvalho

## List of Publications by Year in descending order

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89  
papers

1,789  
citations

361296  
20  
h-index

330025  
37  
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95  
all docs

95  
docs citations

95  
times ranked

1545  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of biomarkers of exposure to xenobiotics in the honey bee <i>Apis mellifera</i> : Application to the systemic insecticide thiamethoxam. <i>Ecotoxicology and Environmental Safety</i> , 2012, 82, 22-31.	2.9	123
2	Enzymatic biomarkers as tools to assess environmental quality: A case study of exposure of the honeybee <i>Apis mellifera</i> to insecticides. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 2117-2124.	2.2	107
3	Silicon and acibenzolar-S-methyl as resistance inducers in cucumber, against the whitefly <i>Bemisia tabaci</i> (Gennadius) (Hemiptera: Aleyrodidae) biotype B. <i>Neotropical Entomology</i> , 2005, 34, 429-433.	0.5	100
4	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.	1.9	79
5	Effect of sodium silicate application on the resistance of wheat plants to the green-aphids <i>Schizaphis graminum</i> (Rond.) (Hemiptera: Aphididae). <i>Neotropical Entomology</i> , 2003, 32, 659-663.	0.5	66
6	Non-target effects of chlorantraniliprole and thiamethoxam on <i>Chrysoperla carnea</i> when employed as sunflower seed treatments. <i>Journal of Pest Science</i> , 2014, 87, 711-719.	1.9	64
7	Lethal, sublethal and transgenerational effects of insecticides on <i>Macrolophus basicornis</i> , predator of <i>Tuta absoluta</i> . <i>Entomologia Generalis</i> , 2018, 38, 127-143.	1.1	64
8	Pesticide selectivity to natural enemies: challenges and constraints for research and field recommendation. <i>Ciencia Rural</i> , 2017, 47, .	0.3	63
9	Bioactivity of compounds from <i>Acmella oleracea</i> against <i>Tuta absoluta</i> (Meyrick) (Lepidoptera: Gelechiidae) and selectivity to two non-target species. <i>Pest Management Science</i> , 2012, 68, 386-393.	1.7	61
10	Silicon influence on the tritrophic interaction: wheat plants, the greenbug <i>Schizaphis graminum</i> (Rondani) (Hemiptera: Aphididae), and its natural enemies, <i>Chrysoperla externa</i> (Hagen) (Neuroptera: Chrysopidae). <i>Neotropical Entomology</i> , 2003, 33, 619-624.	0.5	60
11	Toxicity and sublethal effects of seven insecticides to eggs of the flower bug <i>Orius insidiosus</i> (Say) (Hemiptera: Anthracoridae). <i>Chemosphere</i> , 2013, 92, 490-496.	4.2	60
12	Sublethal and transgenerational effects of insecticides in developing <i>Trichogramma galloi</i> (Hymenoptera: Trichogrammatidae). <i>Ecotoxicology</i> , 2014, 23, 1399-1408.	1.1	54
13	Sublethal effects of insecticide seed treatments on two nearctic lady beetles (Coleoptera: Coccinellidae). <i>Journal of Economic Entomology</i> , 2011, 44, 107-111.	1.1	47
14	Non-target effects of two sunflower seed treatments on <i>Orius insidiosus</i> (Hemiptera: Anthracoridae). <i>Journal of Economic Entomology</i> , 2011, 44, 50-52.	1.7	38
15	Sublethal effects of chlorantraniliprole and thiamethoxam seed treatments when <i>Lysiphlebus testaceipes</i> feed on sunflower extrafloral nectar. <i>BioControl</i> , 2014, 59, 503-511.	0.9	30
16	Residual Acute Toxicity of Some Modern Insecticides Toward Two Mirid Predators of Tomato Pests. <i>Journal of Economic Entomology</i> , 2016, 109, 1079-1085.	0.8	30
17	Side effects of insecticides commonly used against <i>Tuta absoluta</i> on the predator <i>Macrolophus basicornis</i> . <i>Journal of Pest Science</i> , 2019, 92, 1447-1456.	1.9	29
18	Selectivity evaluation of insecticides used to control tomato pests to <i>Trichogramma pretiosum</i> . <i>BioControl</i> , 2006, 51, 769-778.	0.9	27

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19	Toxicity of the phenolic extract from jaboticabeira ( <i>Myrciaria cauliflora</i> (Mart.) O. Berg) fruit skins on <i>Spodoptera frugiperda</i> . <i>Chilean Journal of Agricultural Research</i> , 2014, 74, 200-204.	0.4	24
20	Lethal and sublethal effects of pesticides on <i>Chrysoperla carnea</i> larvae (Neuroptera: Chrysopidae) and the influence of rainfastness in their degradation pattern over time. <i>Ecotoxicology</i> , 2016, 25, 845-855.	1.1	24
21	Toxicidade de inseticidas utilizados na cultura do tomateiro a <i>Trichogramma pretiosum</i> . <i>Pesquisa Agropecuaria Brasileira</i> , 2005, 40, 203-210.	0.9	22
22	Non-target impacts of soybean insecticidal seed treatments on the life history and behavior of <i>Podisus nigrispinus</i> , a predator of fall armyworm. <i>Chemosphere</i> , 2018, 191, 342-349.	4.2	22
23	Lethal and sublethal effects of insecticides on <i>Engytatus varians</i> (Heteroptera: Miridae), a predator of <i>Tuta absoluta</i> (Lepidoptera: Gelechiidae). <i>Ecotoxicology</i> , 2018, 27, 719-728.	1.1	22
24	Toxicidade de produtos fitossanitários utilizados na cultura do cafeeiro a larvas de <i>Chrysoperla externa</i> (Hagen) (Neuroptera: Chrysopidae) e efeitos sobre as fases subseqüentes do desenvolvimento do predador. <i>Neotropical Entomology</i> , 2005, 34, 951-959.	0.5	21
25	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.	1.7	20
26	Seletividade de inseticidas utilizados na cultura dos citros para ovos e larvas de <i>Chrysoperla externa</i> (Hagen) (Neuroptera: Chrysopidae). <i>Neotropical Entomology</i> , 2004, 33, 639-646.	0.5	19
27	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.	1.7	19
28	Long-term effects of chlorantraniliprole reduced risk insecticide applied as seed treatment on lady beetle <i>Harmonia axyridis</i> (Coleoptera: Coccinellidae). <i>Chemosphere</i> , 2019, 219, 678-683.	4.2	18
29	Seletividade de inseticidas usados na cultura da macieira a duas populações de <i>Chrysoperla externa</i> (Hagen, 1861) (Neuroptera: Chrysopidae). <i>Ciencia Rural</i> , 2006, 36, 378-384.	0.3	17
30	Seletividade fisiológica de inseticidas em duas espécies de crisopídeos. <i>Pesquisa Agropecuaria Brasileira</i> , 2010, 45, 1253-1258.	0.9	17
31	Toxicity of <i>Cymbopogon flexuosus</i> essential oil and citral for <i>Spodoptera frugiperda</i> . <i>Ciencia E Agrotecnologia</i> , 2018, 42, 408-419.	1.5	17
32	Seletividade de seis inseticidas utilizados em citros a pupas e adultos de <i>Chrysoperla externa</i> (Hagen) (Neuroptera: Chrysopidae). <i>Neotropical Entomology</i> , 2004, 33, 359.	0.5	16
33	Toxicity of essential oils and pure compounds of Lamiaceae species against <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae) and their safety for the nontarget organism <i>Trichogramma pretiosum</i> (Hymenoptera: Trichogrammatidae). <i>Crop Protection</i> , 2022, 158, 106011.	1.0	16
34	Toxicidade de produtos fitossanitários utilizados em citros para <i>Apis mellifera</i> . <i>Ciencia Rural</i> , 2009, 39, 955-961.	0.3	15
35	Sublethal and transgenerational effects of thiamethoxam applied to cotton seed on <i>Chrysoperla externa</i> and <i>Harmonia axyridis</i> . <i>Pest Management Science</i> , 2019, 75, 694-701.	1.7	15
36	Effects of paracress ( <i>Acmella oleracea</i> ) extracts on the aphids <i>Myzus persicae</i> and <i>Lipaphis erysimi</i> and two natural enemies. <i>Industrial Crops and Products</i> , 2019, 128, 399-404.	2.5	15

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37	Toxicity of some insecticides used in maize crop on <i>Trichogramma pretiosum</i> (Hymenoptera,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 222	0.4	14
38	Physiological susceptibility of the predator <i>Macrolophus basicornis</i> (Hemiptera: Miridae) to pesticides used to control of <i>Tuta absoluta</i> (Lepidoptera: Gelechiidae). <i>Biocontrol Science and Technology</i> , 2017, 27, 1082-1095.	0.5	14
39	Bioatividade do <i>Bacillus thuringiensis</i> var. <i>kurstaki</i> (Berliner, 1915) para adultos de <i>Apis mellifera</i> Linnaeus, 1758 (Hymenoptera: Apidae). <i>Ciencia E Agrotecnologia</i> , 2007, 31, 279-289.	1.5	13
40	Efeitos de inseticidas usados na cultura do algodoeiro sobre <i>Chrysoperla externa</i> (Hagen) (Neuroptera: Chrysopidae). <i>Neotropical Entomology</i> , 2003, 32, 699-706.	0.5	12
41	Toxicidade de acaricidas a ovos e adultos de <i>Ceraeochrysa cubana</i> (Hagen, 1861) (Neuroptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 222	1.5	12
42	Impact of insecticides used to control <i>Spodoptera frugiperda</i> (J.E. Smith) in corn on survival, sex ratio, and reproduction of <i>Trichogramma pretiosum</i> Riley offspring. <i>Chilean Journal of Agricultural Research</i> , 2013, 73, 10-11.	0.4	12
43	<i>Malpighia emarginata</i> DC. bagasse acetone extract: Phenolic compounds and their effect on <i>Spodoptera frugiperda</i> (J.E. Smith) (Lepidoptera: Noctuidae). <i>Chilean Journal of Agricultural Research</i> , 2016, 76, 55-61.	0.4	12
44	Physiological and Ecological Selectivity of Pesticides for Natural Enemies of Insects. , 2019, , 469-478.		12
45	Residual action of insecticides to larvae of <i>Chrysoperla externa</i> (Hagen, 1861) (Neuroptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 222	1.5	11
46	Selectivity of Pesticides used in Integrated Apple Production to the Lacewing, <i>Chrysoperla externa</i> . <i>Journal of Insect Science</i> , 2010, 10, 1-20.	0.6	11
47	Are Cerium Oxide Nanoparticles Transferred from Plants to the Aphid <i>Myzus persicae</i> (Hemiptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 222	0.2	11
48	Bioatividade de produtos fitossanitários utilizados na cultura do tomateiro ( <i>Lycopersicon</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307	1.5	10
49	Ação de produtos fitossanitários utilizados em cafeeiros sobre pupas e adultos de <i>Chrysoperla externa</i> (Hagen, 1861) (Neuroptera: Chrysopidae). <i>Ciencia Rural</i> , 2006, 36, 8-14.	0.3	10
50	Biocontrol potential of methyl chavicol for managing <i>Spodoptera frugiperda</i> (Lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222	2.7	10
51	Efeito residual de novos inseticidas utilizados na cultura do tomateiro sobre <i>Trichogramma pretiosum</i> Riley, 1879 (Hymenoptera: Trichogrammatidae). <i>Acta Scientiarum - Agronomy</i> , 2004, 26, 231.	0.6	9
52	Acaricidal activity of Annonaceae fractions against <i>Tetranychus tumidus</i> and <i>Tetranychus urticae</i> (Acari: Tetranychidae) and the metabolite profile of <i>Duguetia lanceolata</i> (Annonaceae) using GC-MS. <i>Semina: Ciencias Agrarias</i> , 2015, 36, 4119.	0.1	9
53	Produtos naturais e sintéticos no controle de <i>Leucoptera coffeella</i> (Guérin-Méneville & ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 222	1.5	9
54	Repelência de produtos fitossanitários usados na cana-de-açúcar e seus efeitos na emergência de <i>Trichogramma galloi</i> . <i>Revista Ciencia Agronomica</i> , 2013, 44, 910-916.	0.1	9

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55	First record of <i>Aethalion reticulatum</i> (Hemiptera: Aethalionidae) in <i>Vernonia condensata</i> (Asteraceae), a medicinal plant from Brazil. <i>Phytoparasitica</i> , 2013, 41, 611-613.	0.6	8
56	Residual Effect of Pesticides used in Integrated Apple Production on <i>Chrysoperla externa</i> (Hagen) (Neuroptera: Chrysopidae) Larvae. <i>Chilean Journal of Agricultural Research</i> , 2012, 72, 217-223.	0.4	7
57	Life history parameters and feeding preference of the green lacewing <i>Ceraeochrysa cubana</i> fed with virus-free and potato leafroll virus-infected <i>Myzus persicae</i> . <i>BioControl</i> , 2016, 61, 671-679.	0.9	7
58	Susceptibility of <i>Chrysoperla externa</i> (Hagen, 1861) (Neuroptera: Chrysopidae) to insecticides used in coffee crops. <i>Ecotoxicology</i> , 2020, 29, 1306-1314.	1.1	7
59	Lethal, sublethal and transgenerational effects of insecticides labeled for cotton on immature <i>Trichogramma pretiosum</i> . <i>Journal of Pest Science</i> , 2023, 96, 119-127.	1.9	7
60	Efeito de práticas técnicas sobre parâmetros biológicos e nutricionais de <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae). <i>Ciencia E Agrotecnologia</i> , 2010, 34, 1417-1424.	1.5	6
61	Toxicological and ultrastructural analysis of the impact of pesticides used in temperate fruit crops on two populations of <i>Chrysoperla externa</i> (Neuroptera, Chrysopidae). <i>Revista Brasileira De Entomologia</i> , 2011, 55, 411-418.	0.1	6
62	Ingestion and effects of cerium oxide nanoparticles on <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae). <i>Journal of Insect Science and Technology</i> , 2015, 15, 462-467.	3.7	5
63	Seletividade de inseticidas a <i>Orius insidiosus</i> . <i>Bragantia</i> , 2007, 66, 433-439.	1.3	5
64	PHYSIOLOGICAL SELECTIVITY OF INSECTICIDES TO EGGS AND LARVAE OF PREDATOR <i>Chrysoperla externa</i> (HAGEN) (NEUROPTERA: CHRYSOPIDAE). <i>Coffee Science</i> , 2018, 13, 292.	0.5	5
65	Side effects of insecticides applied to cotton on adult <i>Trichogramma pretiosum</i> by three exposure routes. <i>Pest Management Science</i> , 2022, 78, 1895-1902.	1.7	5
66	Avaliação de seletividade de produtos fitossanitários utilizados na cultura do crisântemo a adultos de <i>Orius insidiosus</i> (Say, 1832) (Hemiptera: Anthocoridae) em laboratório. <i>Ciencia E Agrotecnologia</i> , 2003, 27, 971-977.	1.5	4
67	Extrato metanólico de farinha de folhas de mandioca como alternativa ao controle da lagarta-do-cartucho e de formigas cortadeiras. <i>Seminário de Ciências Agrárias</i> , 2013, 34, 3501.	0.1	4
68	Physiological selectivity of insecticides to adult of <i>Doru luteipes</i> (Scudder, 1876) (Dermaptera: Dermaptera). <i>Journal of Insect Science and Technology</i> , 2015, 15, 50-52.	0.1	4
69	The Compared Efficiency of the Traditional Method, Radiography without Contrast and Radiography with Contrast in the Determination of Infestation by Weevil ( <i>Sitophilus zeamais</i> ) in Maize Seeds. <i>Insects</i> , 2019, 10, 156.	1.0	4
70	<i>Duguetia lanceolata</i> A. St.-Hil. Stem bark produces phenylpropanoids lethal to <i>Spodoptera frugiperda</i> (JE Smith) (Lepidoptera: Noctuidae). <i>Crop Protection</i> , 2020, 127, 104965.	1.0	4
71	Anatomy and histology of the alimentary canal of larvae and adults of <i>Chrysoperla externa</i> (Hagen, 1861) (Neuroptera: Chrysopidae). <i>Journal of Insect Science and Technology</i> , 2015, 15, 431-434.	0.8	4
72	Survival, development and reproduction of <i>Harmonia axyridis</i> (Pallas, 1773) (Coleoptera: Chrysomelidae). <i>Journal of Insect Science and Technology</i> , 2015, 15, 62-64.	1.1	4

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73	Seletividade de inseticidas utilizados em cultura cafeeira para larvas de <i>Cryptolaemus montrouzieri</i> Mulsant. <i>Ciencia Rural</i> , 2011, 41, 939-946.	0.3	3
74	<i>Iphimeis dives</i> (Coleoptera: Chrysomelidae): First Report on <i>Inga edulis</i> (Fabaceae) in Brazil and Data on its Biology. <i>Florida Entomologist</i> , 2018, 101, 345-347.	0.2	3
75	Morphology of the male and female reproductive tracts of virgin and mated <i>Chrysoperla externa</i> (Hagen, 1861) (Neuroptera: Chrysopidae). <i>Microscopy Research and Technique</i> , 2021, 84, 860-868.	1.2	3
76	Emergence and Infestation Level of <i>Hypothenemus hampei</i> (Coleoptera: Curculionidae) on Coffee Berries on the Plant or on the Ground During the Post-harvest Period in Brazil. <i>Journal of Insect Science</i> , 2021, 21, .	0.6	3
77	Enzimas digestivas do bicho-mineiro do cafeeiro <i>Leucoptera coffeella</i> (Guérin-Méneville & Perrottet). <i>Tj ETQq1 1.0.784314 rgBT /Overlock 10 Tf 50 302 Td</i>	1.5	3
78	First Record of <i>Duponchelia fovealis</i> (Crambidae) as a Pest of Commercial Crops of Strawberry in Campo Das Vertentes, Minas Gerais, Brazil. <i>Journal of the Lepidopterists' Society</i> , 2019, 73, 131.	0.0	3
79	First report of <i>Aethalion reticulatum</i> (Linnaeus, 1767) (Hemiptera: Aethalionidae) infesting plants of <i>Coffea arabica</i> (Linnaeus, 1753) (Rubiaceae). <i>Coffee Science</i> , 0, 16, 1-5.	0.5	2
80	URSOLIC ACID AND CIS-TILIROSIDE PRODUCED BY <i>Merremia tomentosa</i> AFFECT OVIPOSITION OF <i>Leucoptera coffeella</i> ON COFFEE PLANTS. <i>Quimica Nova</i> , 0, , .	0.3	2
81	NITROGEN FERTILIZERS AND OCCURRENCE OF <i>Leucoptera coffeella</i> (Guérin-Méneville & Perrottet) IN TRANSPLANTED COFFEE SEEDLINGS. <i>Coffee Science</i> , 2018, 13, 410.	0.5	2
82	Extrato de <i>Coffea racemosa</i> como alternativa no controle do bicho-mineiro do cafeeiro. <i>Ciencia E Agrotecnologia</i> , 2011, 35, 250-258.	1.5	2
83	<i>Spodoptera eridania</i> (Lepidoptera: Noctuidae): first report on <i>Amaranthus hybridus</i> (Amaranthaceae) in Brazil. <i>Advances in Weed Science</i> , 2022, 40, .	0.5	2
84	Toxicidade de produtos fitossanitários para adultos de <i>Orius insidiosus</i> (Say) (Hemiptera:). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td</i>	1.3	1
85	Efeitos de fungicidas sobre os aspectos biológicos de <i>Aphis gossypii</i> Glover, 1877 (Hemiptera: Aphididae) em plantas de pepino. <i>Ciencia E Agrotecnologia</i> , 2010, 34, 1431-1438.	1.5	1
86	TOXICITY OF ALKALOID FRACTIONS FROM <i>Psychotria</i> spp. (RUBIACEAE) AGAINST <i>Atta sexdens</i> FOREL, 1908 (HYMENOPTERA: FORMICIDAE). <i>Cerne</i> , 2019, 25, 255-262.	0.9	1
87	Análise de sobrevivência aplicada ao desenvolvimento do pulgão <i>Aphis gossypii</i> Glover, 1877 (Hemiptera:). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 302 Td</i> <i>Agrarias</i> , 2011, 32, 1327-1334.	0.1	0
88	APPLICATIONS OF COPPER-BASED FUNGICIDES AND INFESTATIONS OF <i>Leucoptera coffeella</i> (Guérin-Méneville & Perrottet) IN COFFEE PLANTS. <i>Coffee Science</i> , 2019, 14, 123.	0.5	0
89	Association between the occurrence of mound-building termite in pasture with physical, chemical and biological characteristics of the soil. <i>Research, Society and Development</i> , 2022, 11, e25511830877.	0.0	0