

Leandro Bacci

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

1,700
citations

304368

22
h-index

329751

37
g-index

76
all docs

76
docs citations

76
times ranked

1669
citing authors

#	ARTICLE	IF	CITATIONS
1	Control failure likelihood and spatial dependence of insecticide resistance in the tomato pinworm, <i>Tuta absoluta</i> . Pest Management Science, 2011, 67, 913-920.	1.7	204
2	Toxicity of insecticides to the sweetpotato whitefly (Hemiptera: Aleyrodidae) and its natural enemies. Pest Management Science, 2007, 63, 699-706.	1.7	90
3	Acaricidal activity of <i>Lippia gracilis</i> essential oil and its major constituents on the tick <i>Rhipicephalus (Boophilus) microplus</i> . Veterinary Parasitology, 2013, 195, 198-202.	0.7	86
4	Acaricidal activity of essential oils from <i>Lippia alba</i> genotypes and its major components carvone, limonene, and citral against <i>Rhipicephalus microplus</i> . Veterinary Parasitology, 2015, 210, 118-122.	0.7	72
5	Effect of integrated pest management practices on tomato production and conservation of natural enemies. Agricultural and Forest Entomology, 2007, 9, 327-335.	0.7	71
6	Toxicity and repellency of essential oils of <i>Lippia alba</i> chemotypes and their major monoterpenes against stored grain insects. Industrial Crops and Products, 2015, 71, 31-36.	2.5	66
7	Seasonal mortality factors of the coffee leafminer, <i>Leucoptera coffeella</i> . Bulletin of Entomological Research, 2007, 97, 421-432.	0.5	60
8	Essential oil of <i>Lippia sidoides</i> and its major compound thymol: Toxicity and walking response of populations of <i>Sitophilus zeamais</i> (Coleoptera: Curculionidae). Crop Protection, 2018, 112, 33-38.	1.0	51
9	Impact of integrated pest management on the population of leafminers, fruit borers, and natural enemies in tomato. Ciencia Rural, 2005, 35, 204-208.	0.3	50
10	Life table determination of thermal requirements of the tomato borer <i>Tuta absoluta</i> . Journal of Pest Science, 2016, 89, 897-908.	1.9	49
11	Insecticidal and repellence activity of the essential oil of <i>Pogostemon cablin</i> against urban ants species. Acta Tropica, 2013, 127, 181-186.	0.9	47
12	Nanoformulation prototype of the essential oil of <i>Lippia sidoides</i> and thymol to population management of <i>Sitophilus zeamais</i> (Coleoptera: Curculionidae). Industrial Crops and Products, 2017, 107, 198-205.	2.5	43
13	Sampling plan for Thrips (Thysanoptera: Thripidae) on cucumber. Neotropical Entomology, 2008, 37, 582-590.	0.5	40
14	Biotoxicity of some plant essential oils against the termite <i>Nasutitermes corniger</i> (Isoptera: Termitidae). Journal of Applied Entomology, 2010, 149, 222-228.	2.5	38
15	Natural mortality factors of <i>Leucoptera coffeella</i> (Lepidoptera: Lyonetiidae) on <i>Coffea arabica</i> . Biocontrol Science and Technology, 2007, 17, 441-455.	0.5	37
16	Observation of scaling deviations in the energy distribution of secondary hadrons in inelastic neutrino-proton interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1979, 87, 281-286.	1.5	36
17	Conservation of natural enemies in brassica crops: comparative selectivity of insecticides in the management of <i>Brevicoryne brassicae</i> (Hemiptera: Sternorrhyncha: Aphididae). Applied Entomology and Zoology, 2009, 44, 103-113.	0.6	30
18	Alternative control of <i>Aedes aegypti</i> resistant to pyrethroids: lethal and sublethal effects of monoterpene bioinsecticides. Pest Management Science, 2018, 74, 1001-1012.	1.7	29

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19	Toxicity of essential oils of <i>Lippia gracilis</i> chemotypes and their major compounds on <i>Diaphania hyalinata</i> and non-target species. <i>Crop Protection</i> , 2018, 104, 47-51.	1.0	29
20	Toxicity, behavior impairment, and repellence of essential oils from pepper, rosemarin and patchouli to termites. <i>Entomologia Experimentalis Et Applicata</i> , 2015, 156, 66-76.	0.7	26
21	Sub-lethal effects of essential oil of <i>Lippia sidoides</i> on drywood termite <i>Cryptotermes brevis</i> (Blattodea: Termitoidea). <i>Ecotoxicology and Environmental Safety</i> , 2017, 145, 436-441.	2.9	25
22	Essential Oil of <i>Aristolochia trilobata</i> : Synthesis, Routes of Exposure, Acute Toxicity, Binary Mixtures and Behavioral Effects on Leaf-Cutting Ants. <i>Molecules</i> , 2017, 22, 335.	1.7	25
23	Water Deficit and Seasonality Study on Essential Oil Constituents of <i>Lippia gracilis</i> Schauer Germplasm. <i>Scientific World Journal</i> , The, 2014, 2014, 1-9.	0.8	22
24	Lethal Effect and Behavioral Responses of Leaf-Cutting Ants to Essential Oil of <i>Pogostemon cablin</i> (Lamiaceae) and Its Nanoformulation. <i>Neotropical Entomology</i> , 2018, 47, 769-779.	0.5	22
25	Acaricidal properties of vetiver essential oil from <i>Chrysopogon zizanioides</i> (Poaceae) against the tick species <i>Amblyomma cajennense</i> and <i>Rhipicephalus (Boophilus) microplus</i> (Acari: Ixodidae). <i>Veterinary Parasitology</i> , 2015, 212, 324-330.	0.7	21
26	Essential Oils of <i>Hyptis pectinata</i> Chemotypes: Isolation, Binary Mixtures and Acute Toxicity on Leaf-Cutting Ants. <i>Molecules</i> , 2017, 22, 621.	1.7	21
27	Sampling Plan for <i>Diaphania</i> spp. (Lepidoptera: Pyralidae) and for Hymenopteran Parasitoids on Cucumber. <i>Journal of Economic Entomology</i> , 2006, 99, 2177-2184.	0.8	20
28	Essential oils from <i>Varronia curassavica</i> (Cordiaceae) accessions and their compounds (E)-caryophyllene and β -humulene as an alternative to control <i>Dorymyrmex thoracicus</i> (Formicidae). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	0.5	19
29	Critical yield components and key loss factors of tropical cucumber crops. <i>Crop Protection</i> , 2006, 25, 1117-1125.	1.0	19
30	Combined foraging strategies and soldier behaviour in <i>Nasutitermes aff. coxipoensis</i> (Blattodea:). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	0.5	19
31	<i>Apis mellifera</i> (Insecta: Hymenoptera) in the target of neonicotinoids: A one-way ticket? <i>Bioinsecticides can be an alternative. Ecotoxicology and Environmental Safety</i> , 2018, 163, 28-36.	2.9	18
32	Insecticide activity of botanical compounds against <i>Spodoptera frugiperda</i> and selectivity to the predatory bug <i>Podisus nigrispinus</i> . <i>Crop Protection</i> , 2020, 136, 105230.	1.0	17
33	Assessment of the natural control of <i>Neoleucinodes elegantalis</i> in tomato cultivation using ecological life tables. <i>Biocontrol Science and Technology</i> , 2017, 27, 525-538.	0.5	16
34	Seasonal variation in natural mortality factors of <i>Tuta absoluta</i> (Lepidoptera: Gelechiidae) in open-field tomato cultivation. <i>Journal of Applied Entomology</i> , 2019, 143, 21-33.	0.8	16
35	Kidney Function After Improved Metabolic Control in Newly Diagnosed Diabetes and in Diabetic Patients with Nephropathy. <i>Diabetes Care</i> , 1982, 5, 624-629.	4.3	15
36	Seletividade fisiológica de inseticidas aos inimigos naturais de <i>Plutella xylostella</i> (L.) (Lepidoptera:). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	1.5	14

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37	Life tables for the guava psyllid <i>Trioioda limbata</i> in southeastern Brazil. <i>BioControl</i> , 2012, 57, 779-788.	0.9	14
38	Natural biological control of green scale (Hemiptera: Coccidae): a field life-table study. <i>Biocontrol Science and Technology</i> , 2014, 24, 190-202.	0.5	13
39	Natural mortality factors of tomato leafminer <i>Tuta absoluta</i> in open-field tomato crops in South America. <i>Pest Management Science</i> , 2019, 75, 736-743.	1.7	13
40	Seletividade de oito inseticidas a predadores de lagartas em citros. <i>Pesquisa Agropecuaria Brasileira</i> , 2002, 37, 117-122.	0.9	12
41	Physiological selectivity and activity reduction of insecticides by rainfall to predatory wasps of <i>Tuta absoluta</i> . <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2015, 50, 45-54.	0.7	11
42	Resource density regulates the foraging investment in higher termite species. <i>Ecological Entomology</i> , 2018, 43, 371-378.	1.1	11
43	Potential source of ecofriendly insecticides: Essential oil induces avoidance and cause lower impairment on the activity of a stingless bee than organosynthetic insecticides, in laboratory. <i>Ecotoxicology and Environmental Safety</i> , 2021, 209, 111764.	2.9	11
44	Seletividade de inseticidas, utilizados no controle de <i>Grapholita molesta</i> (Busch) (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	0.2	11
45	Insecticidal activity of indole derivatives against <i>Plutella xylostella</i> and selectivity to four non-target organisms. <i>Ecotoxicology</i> , 2019, 28, 973-982.	1.1	10
46	Toxicity and behavioral alterations of essential oils of <i>Eplingiella fruticosa</i> genotypes and their major compounds to <i>Acromyrmex balzani</i> . <i>Crop Protection</i> , 2019, 116, 181-187.	1.0	10
47	Feasible sampling plan for <i>Tuta absoluta</i> egg densities evaluation in commercial field tomato. <i>Crop Protection</i> , 2020, 136, 105239.	1.0	10
48	Production and quality of tomato fruits under organic management. <i>Horticultura Brasileira</i> , 2011, 29, 253-257.	0.1	9
49	Conventional Sampling Plan for Scouting <i>Neoleucinodes elegantalis</i> (Lepidoptera: Crambidae) Eggs on Tomato Fruits. <i>Journal of Economic Entomology</i> , 2019, 112, 2433-2440.	0.8	9
50	Concentration-mortality responses of <i>Myzus persicae</i> and natural enemies to selected insecticides. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2012, 47, 1930-1937.	0.9	7
51	Variation in the composition and activity of ants on defense of host plant <i>Turnera subulata</i> (Turneraceae): strong response to simulated herbivore attacks and to herbivore-ATMs baits. <i>Arthropod-Plant Interactions</i> , 2018, 12, 113-121.	0.5	7
52	Toxicity and behavioral alterations caused by essential oils of <i>Croton tetradenius</i> and their major compounds on <i>Acromyrmex balzani</i> . <i>Crop Protection</i> , 2020, 137, 105259.	1.0	7
53	Mass spectrometry characterization, antioxidant activity, and cytotoxicity of the peel and pulp extracts of Pitomba. <i>Food Chemistry</i> , 2021, 340, 127929.	4.2	6
54	Inseticidas seletivos <i>tesourinha Doru luteipes</i> (Scudder) utilizados no controle do pulgão verde em brássicas. <i>Horticultura Brasileira</i> , 2002, 20, 174-179.	0.1	6

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55	Ant associations in the Neotropical shrub <i>Turnera subulata</i> (Turneraceae): Costs or benefits to the host plant?. <i>Austral Ecology</i> , 2019, 44, 60-69.	0.7	5
56	Seasons of the year affect critical stage and key mortality factors for <i>Neoleucinodes elegantalis</i> in open field tomatoes. <i>Annals of Applied Biology</i> , 2019, 174, 133-141.	1.3	5
57	Formicidal activity of indole derivatives on <i>Atta opaciceps</i> (Borgmeier): Lethal, behavioural and locomotive effects. <i>Journal of Applied Entomology</i> , 2019, 143, 58-68.	0.8	5
58	Synergistic effect of aromatic plant essential oils on the ant <i>Acromyrmex balzani</i> (Hymenoptera: Formicidae). <i>Journal of Applied Entomology</i> , 2019, 143, 69-74.	2.7	5
59	Sampling Plan for <i>Diaphania</i> spp. (Lepidoptera: Pyralidae) and for Hymenopteran Parasitoids on Cucumber. <i>Journal of Economic Entomology</i> , 2006, 99, 2177-2184.	0.8	4
60	Chemical analyses of the essential oils from <i>Varronia curassavica</i> accessions in two seasons. <i>Journal of Essential Oil Research</i> , 2020, 32, 494-511.	1.3	4
61	Climatic variables limit population abundance of <i>Neoleucinodes elegantalis</i> : Important neotropical tomato pest. <i>Crop Protection</i> , 2020, 138, 105325.	1.0	4
62	Seletividade fisiológica de inseticidas a Vespidae predadores de <i>Ascia monuste orseis</i> . <i>Pesquisa Agropecuaria Brasileira</i> , 2002, 37, 237-242.	0.9	4
63	Lethal and sublethal effects of an emulsion based on <i>Pogostemon cablin</i> (Lamiaceae) essential oil on the coffee berry borer, <i>Hypothenemus hampei</i> . <i>Environmental Science and Pollution Research</i> , 2022, 29, 45763-45773.	2.7	4
64	Chemical Diversity and Insecticidal and Anti-tick Properties of Essential Oils of Plants from Northeast Brazil. <i>Journal of Applied Entomology</i> , 2019, 143, 235-258.		3
65	Acute Toxicity and Sub-lethal Effects of the Essential Oil of <i>Aristolochia trilobata</i> and Its Major Constituents on <i>Nasutitermes corniger</i> (Termitidae: Nasutitermitinae). <i>Neotropical Entomology</i> , 2019, 48, 515-521.	0.5	3
66	Formicidal activity of essential oils of <i>Myrcia lundiana</i> chemotypes on <i>Acromyrmex balzani</i> . <i>Crop Protection</i> , 2021, 139, 105343.	1.0	3
67	The seasonal dynamic of <i>Tuta absoluta</i> in <i>Solanum lycopersicon</i> cultivation: Contributions of climate, plant phenology, and insecticide spraying. <i>Pest Management Science</i> , 2021, 77, 3187-3197.	1.7	3
68	Production of extrafloral nectar in the Neotropical shrub <i>Turnera subulata</i> mediated by biotic and abiotic factors. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2019, 260, 151483.	0.6	2
69	Sampling plan of <i>Tetranychus mexicanus</i> on passion fruit vines. <i>International Journal of Pest Management</i> , 2021, 67, 269-278.	0.9	2
70	Development of conventional sampling plans for egg masses and nymphs of citrus blackfly <i>Aleurocanthus woglumi</i> Ashby (Hemiptera: Aleyrodidae). <i>Crop Protection</i> , 2021, 149, 105777.	1.0	1
71	Physico-chemical characterization of the pulp and peel of Brazilian Pitomba (<i>Talisia esculenta</i> (A.)). <i>Journal of Applied Entomology</i> , 2019, 143, 75-80.	0.0	1
72	Feasible sampling plan for adults of <i>Aleurocanthus woglumi</i> Ashby (Hemiptera: Aleyrodidae) in orange orchards. <i>Crop Protection</i> , 2022, 158, 106002.	1.0	1

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73	Wet and warm conditions contribute to the occurrence of the neotropical butterfly <i>Ascia monuste orseis</i> Godart (Lepidoptera: Pieridae) on Brassica crops. <i>International Journal of Biometeorology</i> , 2021, 65, 247-256.	1.3	0
74	Toxicity of the essential oil of basil cultivars and hybrids and its repellent effect on stored grain pests. <i>Bioscience Journal</i> , 2020, 36, .	0.4	0
75	Morpho-agronomic characterization of <i>Varronia curassavica</i> germplasm conserved "Ex situ". <i>Bioscience Journal</i> , 2020, 36, .	0.4	0
76	Illustrious visitors to the world nature heritage: seabird strandings in the Ilha Grande bay, Rio de Janeiro, Brazil.. <i>Nature and Conservation</i> , 2022, 14, 70-78.	0.0	0