

Raul N. C. Guedes

List of Publications by Year in descending order

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339
papers

11,710
citations

28190

55
h-index

54797

84
g-index

346
all docs

346
docs citations

346
times ranked

6120
citing authors

#	ARTICLE	IF	CITATIONS
1	What's shaking for caterpillars? Leaf-borne vibratory stimuli and behavioral responses in the fall armyworm, <i>Spodoptera frugiperda</i> . <i>Journal of Pest Science</i> , 2023, 96, 1483-1496.	1.9	3
2	Imidacloprid seed treatment in soybean-associated arthropod food webs: Reason for concern, or justifiable neglect?. <i>Journal of Pest Science</i> , 2023, 96, 129-139.	1.9	4
3	Arthropod food webs associated with cotton: Does Bt cotton mediate community stress?. <i>Journal of Applied Entomology</i> , 2022, 146, 56-66.	0.8	6
4	Integrated pest management of <i>Tuta absoluta</i> : practical implementations across different world regions. <i>Journal of Pest Science</i> , 2022, 95, 17-39.	1.9	95
5	Pesticide-induced hormesis in arthropods: Towards biological systems. <i>Current Opinion in Toxicology</i> , 2022, 29, 43-50.	2.6	36
6	Bug talk trends & biases: literature survey and meta-analyses of vibratory sensing and communication in insects. <i>Entomologia Generalis</i> , 2022, 42, 335-348.	1.1	2
7	The Genome of <i>Rhyzopertha dominica</i> (Fab.) (Coleoptera: Bostrichidae): Adaptation for Success. <i>Genes</i> , 2022, 13, 446.	1.0	10
8	Strong Fitness Costs of Fall Armyworm Resistance to Dual-Gene Bt Maize Are Magnified on Less-Suitable Host-Crop Cultivars. <i>Agronomy</i> , 2022, 12, 682.	1.3	5
9	The effects of thiamethoxam on coffee seedling morphophysiology and Neotropical leaf miner (<i>Tj ETQq1 1 0.784314 rgBT /Overlock</i>)	1.7	5
10	Hormesis and insects: Effects and interactions in agroecosystems. <i>Science of the Total Environment</i> , 2022, 825, 153899.	3.9	74
11	Hormesis dose-response contaminant-induced hormesis in animals. <i>Current Opinion in Toxicology</i> , 2022, 30, 100336.	2.6	19
12	Brazilian invasion and dispersion routes of the cotton boll weevil. <i>Journal of Applied Entomology</i> , 2022, 146, 352-358.	0.8	2
13	Arthropod outbreaks, stressors, and sublethal stress. <i>Current Opinion in Environmental Science and Health</i> , 2022, 28, 100371.	2.1	8
14	Synergism and unintended effects of the association between imidacloprid and sodium chloride (NaCl) (<i>Tj ETQq0 0.0 rgBT /Overlock 10</i>)	1.7	4
15	Does resource-mediated stress affect colony personality in leaf-cutting ants?. <i>Pest Management Science</i> , 2021, 77, 96-103.	1.7	0
16	Endosymbiont load, personality and reproductive output of maize weevils (<i>Sitophilus zeamais</i>). <i>Journal of Pest Science</i> , 2021, 94, 691-701.	1.9	2
17	Time-concentration interplay in insecticide resistance among populations of the Neotropical coffee leaf miner, <i>Leucoptera coffeella</i> . <i>Agricultural and Forest Entomology</i> , 2021, 23, 232-241.	0.7	9
18	Do chewing cues from drywood termites mediate recruiting for wood colonization?. <i>Entomologia Experimentalis Et Applicata</i> , 2021, 169, 290-297.	0.7	0

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19	<sc>ACâ€“DC</sc> electropenetrography: fundamentals, controversies, and perspectives for arthropod pest management. <i>Pest Management Science</i> , 2021, 77, 1132-1149.	1.7	19
20	Does refuge spillover affect arthropod food webs associated with Bt maize?. <i>Pest Management Science</i> , 2021, 77, 3088-3098.	1.7	7
21	Ethoflow: Computer Vision and Artificial Intelligence-Based Software for Automatic Behavior Analysis. <i>Sensors</i> , 2021, 21, 3237.	2.1	16
22	Area-wide insecticide resistance and endosymbiont incidence in the whitefly <i>Bemisia tabaci</i> MEAM1 (B) Tj ETQq0 0 0 rgBT /Overlock 10	1.1	3
23	Sublethal agrochemical exposures can alter honey bees' and Neotropical stingless bees' color preferences, respiration rates, and locomotory responses. <i>Science of the Total Environment</i> , 2021, 779, 146432.	3.9	18
24	Feeding and egg-laying preferences of the sawtoothed grain beetle <i>Oryzaephilus surinamensis</i> : Beyond cereals and cereal products. <i>Journal of Stored Products Research</i> , 2021, 93, 101841.	1.2	9
25	Feeding substrate and temperature interplay determining infestations and losses by the sawtoothed grain beetle (<i>Oryzaephilus surinamensis</i>). <i>Journal of Stored Products Research</i> , 2021, 94, 101887.	1.2	4
26	A CAPS marker for determination of strong phosphine resistance in <i>Tribolium castaneum</i> from Brazil. <i>Journal of Pest Science</i> , 2020, 93, 127-134.	1.9	13
27	Electropenetrography of spotted wing drosophila (<i>Drosophila suzukii</i>) on pesticide-treated strawberry. <i>Journal of Pest Science</i> , 2020, 93, 91-102.	1.9	7
28	Buzzâ€“pollination in Neotropical bees: genusâ€“dependent frequencies and lack of optimal frequency for pollen release. <i>Insect Science</i> , 2020, 27, 133-142.	1.5	41
29	Frequently encountered pesticides can cause multiple disorders in developing worker honey bees. <i>Environmental Pollution</i> , 2020, 256, 113420.	3.7	78
30	Profile of Coffee Crops and Management of the Neotropical Coffee Leaf Miner, <i>Leucoptera coffeella</i> . <i>Sustainability</i> , 2020, 12, 8011.	1.6	11
31	Cyantraniliprole susceptibility baseline, resistance survey and control failure likelihood in the coffee berry borer <i>Hypothenemus hampei</i> . <i>Ecotoxicology and Environmental Safety</i> , 2020, 203, 110947.	2.9	3
32	Low temperature shock and chill-coma consequences for the red flour beetle (<i>Tribolium castaneum</i>) and the rice weevil (<i>Sitophilus oryzae</i>). <i>Journal of Thermal Biology</i> , 2020, 94, 102774.	1.1	5
33	Insect World: Game-Based Learning as a Strategy for Teaching Entomology. <i>American Biology Teacher</i> , 2020, 82, 210-215.	0.1	7
34	Plant-Derived Insecticides Under Meta-Analyses: Status, Biases, and Knowledge Gaps. <i>Insects</i> , 2020, 11, 532.	1.0	26
35	Toxicological assessments of agrochemical effects on stingless bees (<i>Apidae</i> , <i>Meliponini</i>). <i>MethodsX</i> , 2020, 7, 100906.	0.7	34
36	Effects of Acaricides on the Functional and Numerical Responses of the Phytoseid Predator <i>Neoseiulus idaeus</i> (Acari: Phytoseiidae) to Spider Mite Eggs. <i>Journal of Economic Entomology</i> , 2020, 113, 1804-1809.	0.8	5

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37	Toxicity of botanical extracts and their main constituents on the bees <i>Partamona helleri</i> and <i>Apis mellifera</i> . <i>Ecotoxicology</i> , 2020, 29, 246-257.	1.1	12
38	Bt-toxin susceptibility and hormesis-like response in the invasive southern armyworm (Spodoptera) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	1.0	22
39	Area-Wide Survey of Chlorantraniliprole Resistance and Control Failure Likelihood of the Neotropical Coffee Leaf Miner <i>Leucoptera coffeella</i> (Lepidoptera: Lyonetiidae). <i>Journal of Economic Entomology</i> , 2020, 113, 1399-1410.	0.8	16
40	Chemical constituents of tropical woods and resistance to the invasive drywood termite <i>Cryptotermes brevis</i> . <i>Journal of Applied Entomology</i> , 2020, 144, 270-277.	0.8	6
41	Patterns of insecticide resistance in <i>Aedes aegypti</i> : meta-analyses of surveys in Latin America and the Caribbean. <i>Pest Management Science</i> , 2020, 76, 2144-2157.	1.7	19
42	Stability of the resistance to lambda-cyhalothrin in the ladybird beetle <i>Eriopis connexa</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2020, 168, 644-652.	0.7	7
43	Rethinking biorational insecticides for pest management: unintended effects and consequences. <i>Pest Management Science</i> , 2020, 76, 2286-2293.	1.7	113
44	Stored grain pest prevalence and insecticide resistance in Egyptian populations of the red flour beetle <i>Tribolium castaneum</i> (Herbst) and the rice weevil <i>Sitophilus oryzae</i> (L.). <i>Journal of Stored Products Research</i> , 2020, 87, 101611.	1.2	75
45	Sex-dependent locomotion and physiological responses shape the insecticidal susceptibility of parasitoid wasps. <i>Environmental Pollution</i> , 2020, 264, 114605.	3.7	5
46	Morphology and histology of the male reproductive system of <i>Collaria oleosa</i> (Distant, 1883) (Heteroptera: Miridae). <i>Revista Bionatura</i> , 2020, 5, 1122-1125.	0.1	2
47	Thiacloprid + Deltamethrin on the Life-Table Parameters of the Cotton Aphid, <i>Aphis gossypii</i> (Hemiptera: Aphididae), and the Parasitoid, <i>Aphidius flaviventris</i> (Hymenoptera: Aphelinidae). <i>Journal of Economic Entomology</i> , 2020, 113, 2723-2731.	0.8	5
48	Host Potential and Adaptive Responses of <i>Drosophila suzukii</i> (Diptera: Drosophilidae) to Barbados Cherries. <i>Journal of Economic Entomology</i> , 2019, 112, 3002-3006.	0.8	8
49	Impact of Imidacloprid Soil Drenching on Survival, Longevity, and Reproduction of the Zoophytophagous Predator <i>Podisus maculiventris</i> (Hemiptera: Pentatomidae: Asopinae). <i>Journal of Economic Entomology</i> , 2019, 113, 108-114.	0.8	5
50	Bt-induced hormesis in Bt-resistant insects: Theoretical possibility or factual concern?. <i>Ecotoxicology and Environmental Safety</i> , 2019, 183, 109577.	2.9	22
51	Insecticide resistance in the tomato pinworm <i>Tuta absoluta</i> : patterns, spread, mechanisms, management and outlook. <i>Journal of Pest Science</i> , 2019, 92, 1329-1342.	1.9	147
52	Chlorantraniliprole-mediated effects on survival, walking abilities, and respiration in the coffee berry borer, <i>Hypothenemus hampei</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 172, 53-58.	2.9	40
53	Exposure to cyantraniliprole causes mortality and disturbs behavioral and respiratory responses in the coffee berry borer (<i>Hypothenemus hampei</i>). <i>Pest Management Science</i> , 2019, 75, 2236-2241.	1.7	26
54	AC-DC Electropenetrography for In-depth Studies of Feeding and Oviposition Behaviors. <i>Annals of the Entomological Society of America</i> , 2019, 112, 236-248.	1.3	41

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55	Potential for insecticide-mediated shift in ecological dominance between two competing aphid species. <i>Chemosphere</i> , 2019, 226, 651-658.	4.2	27
56	“Armed to the teeth”: The multiple ways to survive insecticidal and predatory challenges in <i>Aedes aegypti</i> larvae. <i>Pesticide Biochemistry and Physiology</i> , 2019, 156, 87-95.	1.6	11
57	Insecticide resistance and control failure likelihood among populations of the boll weevil (<i>Anthonomus grandis</i>) from Mato Grosso (Brazil). <i>Acta Scientiarum - Agronomy</i> , 2019, 41, e42714.	0.6	15
58	Imidacloprid Soil Drenches Affect Weight and Functional Response of Spined Soldier Bug (Hemiptera: Tj ETQq0 0 0 rgBT /Ovrlock 10 T	0.8	8
59	Walking activity and dispersal on deltamethrin- and spinosad-treated grains by the maize weevil <i>Sitophilus zeamais</i> . <i>Crop Protection</i> , 2019, 118, 50-56.	1.0	12
60	Chlorantraniliprole impact on survival and progeny quality of the pupa of the parasitoid <i>Palmistichus elaeisis</i> (Hymenoptera: Eulophidae). <i>Canadian Entomologist</i> , 2019, 151, 94-100.	0.4	2
61	Field-evolved resistance to chlorantraniliprole in the tomato pinworm <i>Tuta absoluta</i> : inheritance, cross-resistance profile, and metabolism. <i>Journal of Pest Science</i> , 2019, 92, 1421-1431.	1.9	37
62	Substrate-mediated feeding and egg-laying by spotted wing drosophila: waveform recognition and quantification via electropenetrography. <i>Journal of Pest Science</i> , 2019, 92, 495-507.	1.9	8
63	Common Origin of Brazilian and Colombian Populations of the Neotropical Coffee Leaf Miner, <i>Leucoptera coffeella</i> (Lepidoptera: Lyonetiidae). <i>Journal of Economic Entomology</i> , 2019, 112, 924-931.	0.8	20
64	From immobilization to recovery: Towards the development of a rapid diagnostic indicator for phosphine resistance. <i>Journal of Stored Products Research</i> , 2019, 80, 28-33.	1.2	22
65	Trade-off and adaptive cost in a multiple-resistant strain of the invasive potato tuber moth <i>Tecia solanivora</i> . <i>Pest Management Science</i> , 2019, 75, 1655-1662.	1.7	6
66	Imidacloprid resistance in the Neotropical brown stink bug <i>Euschistus heros</i> : selection and fitness costs. <i>Journal of Pest Science</i> , 2019, 92, 847-860.	1.9	27
67	Acaricide-Mediated Colonization of Mite-Infested Coconuts by the Predatory Phytoseiid <i>Neoseiulus baraki</i> (Acari: Phytoseiidae). <i>Journal of Economic Entomology</i> , 2019, 112, 213-218.	0.8	4
68	Effects of Spinosad, Imidacloprid, and Lambda-cyhalothrin on Survival, Parasitism, and Reproduction of the Aphid Parasitoid <i>Aphidius colemani</i> . <i>Journal of Economic Entomology</i> , 2018, 111, 1096-1103.	0.8	28
69	Pesticide-mediated disruption of spotted wing <i>Drosophila</i> flight response to raspberries. <i>Journal of Applied Entomology</i> , 2018, 142, 457-464.	0.8	8
70	Prey Foraging Under Sublethal Lambda-Cyhalothrin Exposure on Pyrethroid-Susceptible and -Resistant Lady Beetles (<i>Eriopis connexa</i> (Coleoptera: Coccinellidae)). <i>Journal of Economic Entomology</i> , 2018, 111, 1042-1047.	0.8	5
71	Non-targeted insecticidal stress in a pest species: insecticides, sexual fitness and hormesis in the Neotropical brown stink bug <i>Euschistus heros</i> . <i>Annals of Applied Biology</i> , 2018, 172, 375-383.	1.3	15
72	Lambda-cyhalothrin exposure, mating behavior and reproductive output of pyrethroid-susceptible and resistant lady beetles (<i>Eriopis connexa</i>). <i>Crop Protection</i> , 2018, 107, 41-47.	1.0	6

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73	Spinosad- and Deltamethrin-Induced Impact on Mating and Reproductive Output of the Maize Weevil <i>Sitophilus zeamais</i> . <i>Journal of Economic Entomology</i> , 2018, 111, 950-958.	0.8	8
74	Area-wide spatial survey of the likelihood of insecticide control failure in the neotropical brown stink bug <i>Euschistus heros</i> . <i>Journal of Pest Science</i> , 2018, 91, 849-859.	1.9	46
75	Pesticides and passive dispersal: acaricide- and starvation-induced take-off of the predatory mite <i>Neoseiulus baraki</i> . <i>Pest Management Science</i> , 2018, 74, 1272-1278.	1.7	7
76	Assessing the spatial distribution of <i>Tuta absoluta</i> (Lepidoptera: Gelechiidae) eggs in open-field tomato cultivation through geostatistical analysis. <i>Pest Management Science</i> , 2018, 74, 30-36.	1.7	33
77	Tropical wood resistance to the West Indian drywood termite <i>Cryptotermes brevis</i> : If termites can't chew. <i>Pest Management Science</i> , 2018, 74, 914-924.	1.7	9
78	Ecology, Worldwide Spread, and Management of the Invasive South American Tomato Pinworm, <i>Tuta absoluta</i> : Past, Present, and Future. <i>Annual Review of Entomology</i> , 2018, 63, 239-258.	5.7	380
79	Larval cannibalism and fitness in the stored grain weevils <i>Sitophilus granarius</i> and <i>Sitophilus zeamais</i> . <i>Journal of Pest Science</i> , 2018, 91, 707-716.	1.9	10
80	Acoustic communication in the pine engraver bark beetle: do signals vary between behavioural contexts?. <i>Physiological Entomology</i> , 2018, 43, 30-41.	0.6	9
81	Insecticide resistance and control failure likelihood of the whitefly <i>Bemisia tabaci</i> (MEAM1; B biotype): a Neotropical scenario. <i>Annals of Applied Biology</i> , 2018, 172, 88-99.	1.3	58
82	Comparative cytogenetics and derived phylogenetic relationship among <i>Sitophilus</i> grain weevils (Coleoptera, Curculionidae, Dryophthorinae). <i>Comparative Cytogenetics</i> , 2018, 12, 223-245.	0.3	9
83	Diversity and convergence of mechanisms involved in pyrethroid resistance in the stored grain weevils, <i>Sitophilus</i> spp.. <i>Scientific Reports</i> , 2018, 8, 16361.	1.6	31
84	<i>Wolbachia</i> strains, and lack of genetic diversity and parthenogenesis in Brazilian populations of <i>Tuta absoluta</i> (Lepidoptera: Gelechiidae). <i>Journal of Applied Entomology</i> , 2018, 142, 905-910.	0.8	6
85	Male multiple matings and reproductive success in commodity-adapted strains of <i>Sitophilus oryzae</i> . <i>Journal of Pest Science</i> , 2018, 91, 1073-1080.	1.9	8
86	Bidirectional selection of walking velocity, associated behavioral syndrome and reproductive output in the maize weevil <i>Sitophilus zeamais</i> . <i>Journal of Pest Science</i> , 2018, 91, 1063-1071.	1.9	5
87	Essential oil of <i>Siparuna guianensis</i> as an alternative tool for improved lepidopteran control and resistance management practices. <i>Scientific Reports</i> , 2018, 8, 7215.	1.6	33
88	Spatial distribution and losses by grain destroying insects in transgenic corn expressing the toxin Cry1Ab. <i>PLoS ONE</i> , 2018, 13, e0201201.	1.1	5
89	Locomotor behavior of <i>Sitophilus zeamais</i> populations under sublethal ozone exposure. <i>Journal of Pest Science</i> , 2017, 90, 239-247.	1.9	11
90	Fitness costs and stability of Cry1Fa resistance in Brazilian populations of <i>Spodoptera frugiperda</i> . <i>Pest Management Science</i> , 2017, 73, 35-43.	1.7	26

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91	Targeting hidden pests: acaricides against the coconut mite <i>Aceria guerreronis</i> . <i>Journal of Pest Science</i> , 2017, 90, 207-215.	1.9	12
92	Chlorantraniliprole-mediated toxicity and changes in sexual fitness of the Neotropical brown stink bug <i>Euschistus heros</i> . <i>Journal of Pest Science</i> , 2017, 90, 397-405.	1.9	20
93	Acaricides impair prey location in a predatory phytoseiid mite. <i>Journal of Applied Entomology</i> , 2017, 141, 141-149.	0.8	7
94	Superparasitism, immune response and optimum progeny yield in the gregarious parasitoid <i>Palmistichus elaeisis</i> . <i>Pest Management Science</i> , 2017, 73, 1101-1109.	1.7	15
95	Invitation by vibration: recruitment to feeding shelters in social caterpillars. <i>Behavioral Ecology and Sociobiology</i> , 2017, 71, 1.	0.6	14
96	Agrochemical synergism imposes higher risk to Neotropical bees than to honeybees. <i>Royal Society Open Science</i> , 2017, 4, 160866.	1.1	50
97	Survival and Locomotory Behavior of Earwigs After Exposure to Reduced-Risk Insecticides. <i>Journal of Economic Entomology</i> , 2017, 110, 1576-1582.	0.8	3
98	From the Western Palaearctic region to beyond: <i>Tuta absoluta</i> 10 years after invading Europe. <i>Journal of Pest Science</i> , 2017, 90, 787-796.	1.9	173
99	Sublethal exposure, insecticide resistance, and community stress. <i>Current Opinion in Insect Science</i> , 2017, 21, 47-53.	2.2	169
100	Magnitude and Allele Frequency of Cry1F Resistance in Field Populations of the Fall Armyworm (Lepidoptera: Noctuidae) in Brazil. <i>Journal of Economic Entomology</i> , 2017, 110, 1770-1778.	0.8	22
101	Mating behaviour and reproductive output in insecticide-resistant and susceptible strains of the maize weevil (<i>Sitophilus zeamais</i>). <i>Annals of Applied Biology</i> , 2017, 170, 415-424.	1.3	8
102	Ancient origin and recent range expansion of the maize weevil <i>Sitophilus zeamais</i> , and its genealogical relationship to the rice weevil <i>S. oryzae</i> . <i>Bulletin of Entomological Research</i> , 2017, 107, 9-20.	0.5	38
103	Deltamethrin- and spinosad-mediated survival, activity and avoidance of the grain weevils <i>Sitophilus granarius</i> and <i>S. zeamais</i> . <i>Journal of Stored Products Research</i> , 2017, 74, 56-65.	1.2	22
104	Occurrence and Significance of Insecticide-Induced Hormesis in Insects. <i>ACS Symposium Series</i> , 2017, , 101-119.	0.5	25
105	Insecticide resistance, control failure likelihood and the First Law of Geography. <i>Pest Management Science</i> , 2017, 73, 479-484.	1.7	72
106	Azadirachtin-induced antifeeding in Neotropical stingless bees. <i>Apidologie</i> , 2017, 48, 275-285.	0.9	36
107	Host range and genetic strains of leafminer flies (Diptera: Agromyzidae) in eastern Brazil reveal a new divergent clade of <i>Liriomyza sativae</i> . <i>Agricultural and Forest Entomology</i> , 2017, 19, 235-244.	0.7	15
108	Pyrethroid resistance is associated with a <i>kdr</i> -type mutation (L1014F) in the potato tuber moth <i>Tecia solanivora</i> . <i>Pest Management Science</i> , 2017, 73, 397-403.	1.7	11

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109	Deltamethrin toxicity and impaired swimming behavior of two backswimmer species. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1235-1242.	2.2	21
110	Insecticide resistance and size assortative mating in females of the maize weevil (<i>Sitophilus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	1.7	15
111	EVALUATION OF THE PROTEIN QUALITY OF BEANS, CORN, AND WHEAT GRAINS INFESTED BY INSECT PESTS. <i>Boletim Centro De Pesquisa De Processamento De Alimentos</i> , 2017, 34, .	0.2	1
112	Invader Competition with Local Competitors: Displacement or Coexistence among the Invasive Khapra Beetle, <i>Trogoderma granarium</i> Everts (Coleoptera: Dermestidae), and Two Other Major Stored-Grain Beetles?. <i>Frontiers in Plant Science</i> , 2017, 8, 1837.	1.7	59
113	Spatial and temporal country-wide survey of temephos resistance in Brazilian populations of <i>Aedes aegypti</i> . <i>Memorias Do Instituto Oswaldo Cruz</i> , 2016, 111, 311-321.	0.8	55
114	Mechanism of leaf-cutting ant colony suppression by fipronil used in attractive toxic baits. <i>Pest Management Science</i> , 2016, 72, 1475-1481.	1.7	16
115	Competition between the phytophagous stink bugs <i>Euschistus heros</i> and <i>Piezodorus guildinii</i> in soybeans. <i>Pest Management Science</i> , 2016, 72, 1837-1843.	1.7	25
116	Rapid selection and characterization of Cry1F resistance in a Brazilian strain of fall armyworm. <i>Entomologia Experimentalis Et Applicata</i> , 2016, 158, 236-247.	0.7	29
117	Diamondback moth performance and preference for leaves of <i>Brassica oleracea</i> of different ages and strata. <i>Journal of Applied Entomology</i> , 2016, 140, 627-635.	0.8	24
118	Resistance to dual-gene Bt maize in <i>Spodoptera frugiperda</i> : selection, inheritance and cross-resistance to other transgenic events. <i>Scientific Reports</i> , 2016, 5, 18243.	1.6	101
119	Deltamethrin-mediated survival, behavior, and oenocyte morphology of insecticide-susceptible and resistant yellow fever mosquitos (<i>Aedes aegypti</i>). <i>Acta Tropica</i> , 2016, 158, 88-96.	0.9	21
120	Bottom-Up Mechanisms Generate the Same Temporal Pattern of Attack by a Specialist and a Generalist Caterpillar on Short-Lived Plants. <i>Environmental Entomology</i> , 2016, 45, 550-558.	0.7	5
121	Population-level effects of abamectin, azadirachtin and fenpyroximate on the predatory mite <i>Neoseiulus baraki</i> . <i>Experimental and Applied Acarology</i> , 2016, 70, 165-177.	0.7	18
122	Ontogenic behavioral consistency, individual variation and fitness consequences among lady beetles. <i>Behavioural Processes</i> , 2016, 131, 32-39.	0.5	19
123	Agrochemical-induced stress in stingless bees: peculiarities, underlying basis, and challenges. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2016, 202, 733-747.	0.7	80
124	Leaf Fertilizers Affect Survival and Behavior of the Neotropical Stingless Bee <i>Friesella schrottkyi</i> (Meliponini: Apidae: Hymenoptera). <i>Journal of Economic Entomology</i> , 2016, 109, 1001-1008.	0.8	23
125	High-level phylogeographic structuring of <i>Neoleucinodes elegantalis</i> Guenée (Lepidoptera,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 70	0.1	7
126	Life table determination of thermal requirements of the tomato borer <i>Tuta absoluta</i> . <i>Journal of Pest Science</i> , 2016, 89, 897-908.	1.9	49

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127	Genetic basis of Cry1F resistance in two Brazilian populations of fall armyworm, <i>Spodoptera frugiperda</i> . <i>Crop Protection</i> , 2016, 81, 154-162.	1.0	36
128	Ozone toxicity to <i>Sitophilus zeamais</i> (Coleoptera: Curculionidae) populations under selection pressure from ozone. <i>Journal of Stored Products Research</i> , 2016, 65, 1-5.	1.2	21
129	Diatomaceous earth impairment of water balance in the maize weevil, <i>Sitophilus zeamais</i> . <i>Journal of Pest Science</i> , 2016, 89, 945-954.	1.9	28
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148	Lethal and sublethal effects of azadirachtin on the bumblebee <i>Bombus terrestris</i> (Hymenoptera: Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 6	1.1	57
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259	Modelos anal�ticos do crescimento populacional de <i>Sitophilus zeamais</i> em trigo armazenado. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2006, 10, 155-161.	0.4	3
260	beta-eudesmol-induced aggression in the leaf-cutting ant <i>Atta sexdens rubropilosa</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2005, 117, 89-93.	0.7	30
261	Developmental rates and population growth of insecticide-resistant and susceptible populations of <i>Sitophilus zeamais</i> . <i>Journal of Stored Products Research</i> , 2005, 41, 271-281.	1.2	55
262	Lethal and sub-lethal selectivity of fenbutatin oxide and sulfur to the predator <i>Iphiseiodes zuluagai</i> (Acari: Phytoseiidae) and its prey, <i>Oligonychus ilicis</i> (Acari: Tetranychidae), in Brazilian coffee plantations. <i>Experimental and Applied Acarology</i> , 2005, 36, 61-70.	0.7	37
263	Impacto da queima controlada da palhada da cana-de-a�car sobre a comunidade de insetos locais. <i>Neotropical Entomology</i> , 2005, 34, 649-658.	0.5	20
264	Progeny Production and Parasitism by <i>Campoletis flavicincta</i> (Hym.: Ichneumonidae) as Affected by Female Ageing. <i>Biological Agriculture and Horticulture</i> , 2005, 22, 369-378.	0.5	12
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266	Trypsin-like activity of membrane-bound midgut proteases from <i>Anticarsia gemmatalis</i> (Lepidoptera: Tortricidae). <i>Journal of Insect Physiology</i> , 2005, 51, 100-107.	1.2	32
267	Efic�cia biol�gica de bifentrina aplicado em milho armazenado sob diferentes temperaturas. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2005, 9, 263-267.	0.4	3
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269	Insecticide selectivity to the parasitic mite <i>Acarophenax lacunatus</i> (Cross & Krantz) (Prostigmata: Tetranychidae). <i>Entomologia Experimentalis Et Applicata</i> , 2004, 33, 243.	0.5	9
270	Toxicidade de extratos de nim (<i>Azadirachta indica</i>) ao �caro-vermelho-do-cafeeiro <i>Oligonychus ilicis</i> . <i>Pesquisa Agropecuaria Brasileira</i> , 2004, 39, 827-830.	0.9	6

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271	Non-target impact of chlorpyrifos on soil arthropods associated with no-tillage cornfields in Brazil. <i>International Journal of Pest Management</i> , 2004, 50, 91-99.	0.9	24
272	Impact of deltamethrin on arthropods in maize under conventional and no-tillage cultivation. <i>Crop Protection</i> , 2004, 23, 1031-1039.	1.0	35
273	Interaction between organophosphate insecticides and the parasitic mite <i>Acarophenax lacunatus</i> (Prostigmata: Acarophenacidae) on <i>Rhyzopertha dominica</i> (Coleoptera: Bostrichidae). <i>Biocontrol Science and Technology</i> , 2004, 14, 251-260.	0.5	0
274	Toxicity of Leaf Extracts of <i>Ageratum conyzoides</i> to Lepidoptera Pests of Horticultural Crops. <i>Biological Agriculture and Horticulture</i> , 2004, 22, 251-260.	0.5	11
275	Seletividade de extratos de nim (<i>Azadirachta indica</i> A. Juss.) ao <i>Ácaro</i> predador <i>Iphiseiodes zuluagai</i> (Denmark & Muma) (Acari: Phytoseiidae). <i>Neotropical Entomology</i> , 2004, 33, 613-617.	0.5	17
276	Parasitism by the mite <i>Acarophenax lacunatus</i> on beetle pests of stored products. <i>BioControl</i> , 2003, 48, 503-513.	0.9	9
277	Insecticide resistance and synergism in Brazilian populations of <i>Sitophilus zeamais</i> (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 30). <i>Entomologia Experimentalis Et Applicata</i> , 2003, 109, 21-29.	1.2	135
278	Host egg preference by the parasitic mite <i>Acarophenax lacunatus</i> (Prostigmata: Acarophenacidae). <i>Journal of Stored Products Research</i> , 2003, 39, 571-575.	1.2	9
279	Glutathione S-transferase detoxification as a potential pyrethroid resistance mechanism in the maize weevil, <i>Sitophilus zeamais</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2003, 109, 21-29.	0.7	65
280	Permethrin-induced hormesis on the predator <i>Supputius cincticeps</i> (Stål, 1860) (Heteroptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30). <i>Entomologia Experimentalis Et Applicata</i> , 2003, 109, 21-29.	1.0	60
281	Natural Biological Control and Key Mortality Factors of <i>Diaphania hyalinata</i> (Lepidoptera: Pyralidae) in Cucumber. <i>Biocontrol Science and Technology</i> , 2003, 13, 361-366.	0.5	29
282	Host suitability, respiration rate and the outcome of larval competition in strains of the cowpea weevil, <i>Callosobruchus maculatus</i> . <i>Physiological Entomology</i> , 2003, 28, 298-305.	0.6	36
283	Avaliação da qualidade de <i>Trichogramma pretiosum</i> (Hymenoptera: Trichogrammatidae) em ovos de <i>Sitotroga cerealella</i> (Lepidoptera: Gelechiidae). <i>Acta Scientiarum - Agronomy</i> , 2003, 25, 485.	0.6	6
284	Toxicidade de amidas anilógicas β piperina a larvas de <i>Ascia monuste orseis</i> Godart (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30). <i>Acta Scientiarum - Agronomy</i> , 2003, 25, 343-346.	0.5	7
285	Seleção na evolução de resistência a organofosforados em <i>Leucoptera coffeella</i> (Guérin-Méneville) (Lepidoptera: Lyonetiidae). <i>Neotropical Entomology</i> , 2003, 32, 329-334.	0.5	22
286	Ocorrência de bicho-mineiro do cafeeiro (<i>Leucoptera coffeella</i>) influenciada pelo período estacional e pela altitude. <i>Acta Scientiarum - Agronomy</i> , 2003, 25, .	0.6	3
287	Imidacloprid impact on arthropods associated with canopy of common beans. <i>Neotropical Entomology</i> , 2003, 32, 335-342.	0.5	5
288	Plano de amostragem do biótipo B de <i>Bemisia tabaci</i> na cultura do pepino. <i>Pesquisa Agropecuaria Brasileira</i> , 2003, 38, 1357-1363.	0.9	24

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290	Modelagem das perdas causadas por <i>Sitophilus zeamais</i> e <i>Rhyzopertha dominica</i> em trigo armazenado. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , 2003, 7, 292-296.	0.4	8
291	Distribuição e amostragem de <i>Sitophilus zeamais</i> (M.) em grãos de trigo armazenado em silo metálico. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , 2003, 7, 505-512.	0.4	1
292	Desenvolvimento de iscas granuladas com atraentes alternativos para <i>Atta bisphaerica</i> Forel, (Hymenoptera: Formicidae) e sua aceitação pelas operárias. <i>Neotropical Entomology</i> , 2003, 32, 497-501.	0.5	10
293	Response to the insecticide chlorpyrifos by arthropods on maize canopy. <i>International Journal of Pest Management</i> , 2002, 48, 203-210.	0.9	11
294	Insecticide use and organophosphate resistance in the coffee leaf miner <i>Leucoptera coffeella</i> (Lepidoptera: Lyonetiidae). <i>Bulletin of Entomological Research</i> , 2002, 92, 203-212.	0.5	49
295	Parasitismo de <i>Acarophenax lacunatus</i> (Cross & Krantz) (Prostigmata: Acarophenacidae) sobre <i>Dinoderus minutus</i> (Fabr.) (Coleoptera: Bostrichidae). <i>Neotropical Entomology</i> , 2002, 31, 245-248.	0.5	4
296	Persistence and activity towards <i>Sitophilus zeamais</i> (Coleoptera: Curculionidae) of pirimiphos-methyl sprayed at different temperatures on maize. <i>Journal of Stored Products Research</i> , 2002, 38, 167-175.	1.2	13
297	Dispersal of <i>Podisus nigrispinus</i> (Het., Pentatomidae) nymphs preying on tomato leafminer: effect of predator release time, density and satiation level. <i>Journal of Applied Entomology</i> , 2002, 126, 326-332.	0.8	44
298	Chlorpyrifos spraying of no-tillage corn during tasselling and its effect on damage by <i>Helicoverpa zea</i> (Lep., Noctuidae) and on its natural enemies. <i>Journal of Applied Entomology</i> , 2002, 126, 422-430.	0.8	11
299	Response of arthropods associated with the canopy of common beans subjected to imidacloprid spraying. <i>Journal of Applied Entomology</i> , 2002, 126, 550-556.	0.8	18
300	Pyrethroid-Acarophenax lacunatus interaction in suppressing the beetle <i>Rhyzopertha dominica</i> on stored wheat. <i>Experimental and Applied Acarology</i> , 2002, 26, 231-242.	0.7	4
301	Nível de dano econômico de <i>Sitophilus zeamais</i> (M.) em trigo armazenado. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , 2002, 6, 273-279.	0.4	5
302	Desenvolvimento e Reprodução do Predador <i>Podisus distinctus</i> (Stal) (Heteroptera: Pentatomidae) Frente a Doses Subletais de Permetrina. <i>Neotropical Entomology</i> , 2002, 31, 445-448.	0.5	4
303	Role of plant age in the resistance of <i>Lycopersicon hirsutum</i> f. <i>glabratum</i> to the tomato leafminer <i>Tuta absoluta</i> (Lepidoptera: Gelechiidae). <i>Scientia Horticulturae</i> , 2001, 89, 103-113.	1.7	50
304	Abamectin resistance and synergism in Brazilian populations of <i>Tuta absoluta</i> (Meyrick) (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10 T	0.9	145
305	Species richness and abundance of defoliating Lepidoptera associated with <i>Eucalyptus grandis</i> in Brazil and their response to plant age. <i>Austral Ecology</i> , 2001, 26, 582-589.	0.7	29
306	Effect of cropping season and possible compounds involved in the resistance of <i>Lycopersicon hirsutum</i> f. <i>typicum</i> to <i>Tuta absoluta</i> (Meyrick) (Lep., Gelechiidae). <i>Journal of Applied Entomology</i> , 2001, 125, 193-200.	0.8	17

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307	Effect of Temperature on Development and Population Growth of <i>Acarophenax lacunatus</i> (Cross & Tj ETQq1 1 0.784314 rgBT /Overlock 0.5	0.5	13
308	Seletividade de inseticidas a vespas predadoras de <i>Leucoptera coffeella</i> (GuÃ©r.-MÃ©nev.) (Lepidoptera): Tj ETQq0 0.0 rgBT /Overlock 23	0.5	23
309	Insecticide resistance in populations of <i>Tuta absoluta</i> (Lepidoptera: Gelechiidae). <i>Agricultural and Forest Entomology</i> , 2000, 2, 147-153.	0.7	212
310	Sub-lethal effects of abamectin suppressing colonies of the leaf-cutting ant <i>Acromyrmex subterraneus</i> subterraneus. <i>Pest Management Science</i> , 2000, 56, 1059-1064.	1.7	15
311	Cartap resistance and synergism in populations of <i>Tuta absoluta</i> (Lep., Gelechiidae). <i>Journal of Applied Entomology</i> , 2000, 124, 233-238.	0.8	81
312	Potential of <i>Acarophenax lacunatus</i> (Prostigmata: Acarophenacidae) as a biological control agent of <i>Rhyzopertha dominica</i> (Coleoptera: Bostrichidae). <i>Journal of Stored Products Research</i> , 2000, 36, 55-63.	1.2	23
313	Species richness and fluctuation of defoliator Lepidoptera populations in Brazilian plantations of <i>Eucalyptus grandis</i> as affected by plant age and weather factors. <i>Forest Ecology and Management</i> , 2000, 137, 179-184.	1.4	41
314	Effect of Feeding on Three <i>Eucalyptus</i> Species on the Development of <i>Brontocoris tabidus</i> (Het.): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 48	0.5	48
315	Variability of <i>Lycopersicon hirsutum</i> f. <i>typicum</i> and possible compounds involved in its resistance to <i>Tuta absoluta</i> . <i>Agricultural and Forest Entomology</i> , 1999, 1, 249-254.	0.7	18
316	Effect of fertilization levels, age and canopy height of <i>Lycopersicon hirsutum</i> on the resistance to <i>Myzus persicae</i> . <i>Entomologia Experimentalis Et Applicata</i> , 1999, 91, 267-273.	0.7	26
317	Title is missing!. <i>Experimental and Applied Acarology</i> , 1999, 23, 633-642.	0.7	24
318	Altered acetylcholinesterase associated with organophosphate resistance in <i>Rhyzopertha dominica</i> (F.) (Col., Bostrichidae) populations from Brazil and the United States. <i>Journal of Applied Entomology</i> , 1998, 122, 269-273.	0.8	3
319	Insecticide selectivity to <i>Supputius cincticeps</i> (Stal) (Het., Pentatomidae) and its prey <i>Spodoptera frugiperda</i> (J. E. Smith) (Lep., Noctuidae). <i>Journal of Applied Entomology</i> , 1998, 122, 457-460.	0.8	31
320	Characterization of malathion resistance in a Mexican population of <i>Rhyzopertha dominica</i> . <i>Pest Management Science</i> , 1998, 53, 15-20.	0.7	10
321	Influence of strips of native vegetation on Lepidoptera associated with <i>Eucalyptus cloeziana</i> in Brazil. <i>Forest Ecology and Management</i> , 1998, 108, 85-90.	1.4	60
322	Yield loss in trellised tomato affected by insecticidal sprays and plant spacing. <i>Crop Protection</i> , 1998, 17, 447-452.	1.0	71
323	Characterization of Acetylcholinesterase Purified from the Lesser Grain Borer, <i>Rhyzopertha dominica</i> (Coleoptera: Bostrichidae). <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1998, 119, 205-210.	0.5	7
324	Ecological Life Table of <i>Tuta absoluta</i> (Meyrick) (Lepidoptera: Gelechiidae). <i>Biocontrol Science and Technology</i> , 1998, 8, 597-606.	0.5	128

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326	Prey capture ability of <i>Podisus nigrispinus</i> (Dallas) (Het., Pentatomidae) reared for successive generations on a meridic diet. Journal of Applied Entomology, 1997, 121, 327-330.	0.8	32
327	Partial Characterization of Phosphotriesterases from Organophosphate-Susceptible and -Resistant Populations of <i>Rhyzopertha dominica</i> (Coleoptera: Bostrichidae). Pesticide Biochemistry and Physiology, 1997, 57, 156-164.	1.6	14
328	An Altered Acetylcholinesterase Conferring Negative Cross-Insensitivity to Different Insecticidal Inhibitors in Organophosphate-Resistant Lesser Grain Borer, <i>Rhyzopertha dominica</i> . Pesticide Biochemistry and Physiology, 1997, 58, 55-62.	1.6	33
329	Allozyme variation among Brazilian and U.S. populations of <i>Rhyzopertha dominica</i> resistant to insecticides. Entomologia Experimentalis Et Applicata, 1997, 84, 49-57.	0.7	17
330	Resistance to DDT and pyrethroids in Brazilian populations of <i>Sitophilus zeamais</i> Motsch. (Coleoptera: Tj ETQq0 0.0 rgBT /Overl lock 10	1.2	78
331	Inheritance of Deltamethrin resistance in a Brazilian strain of maize weevil <i>Sitophilus</i> Tj ETQq1 1 0.784314 rgBT /Overl lock 10 Tf 50	0.9	42
332	Efeito de inseticidas e sistemas de condução do tomateiro no controle de <i>Scrobipalpus absoluta</i> (Meyrick) (Lepidoptera: Gelechiidae). Neotropical Entomology, 1994, 23, 321-325.	0.2	32
333	EFICIÊNCIA DA DELTAMETRINA E DA PERMETRINA, EM APLICAÇÃO TERRESTRE, CONTRA OS LEPIDÓPTEROS <i>Thyrinteina arnobia</i> (GEOMETRIDAE) E <i>Nystalea nyseus</i> (NOTODONTIDAE) NO TRÁFICO MÍDIO. Acta Amazonica, 1994, 24, 321-326.	0.3	0
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335	Seletividade dos inseticidas deltametrina, fenvalerato e fenitrotiom para <i>Podisus connexivus</i> Bergroth, 1891 (Heteroptera: Pentatomidae). Neotropical Entomology, 1992, 21, 339-346.	0.2	19
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