Jose Eduardo Serrao

List of Publications by Year
in descending order

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405	6,238	94433	189892
papers	citations	37 h-index	50 g-index

407	407	407	4107
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exposure to lemongrass essential oil and its components causes behavior and respiratory disturbs in Anticarsia gemmatalis. International Journal of Pest Management, 2024, 70, 82-90.	1.8	5
2	Lemongrass essential oil and its components cause effects on survival, locomotion, ingestion, and histological changes of the midgut in Anticarsia gemmatalis caterpillars. Toxin Reviews, 2022, 41, 208-217.	3.4	9
3	Insecticide potential of two saliva components of the predatory bug Podisus nigrispinus (Heteroptera: Pentatomidae) against Spodoptera frugiperda (Lepidoptera: Noctuidae) caterpillars. Toxin Reviews, 2022, 41, 268-279.	3.4	7
4	Azadirachtin-based biopesticide affects the respiration and digestion inAnticarsia gemmataliscaterpillars. Toxin Reviews, 2022, 41, 466-475.	3.4	13
5	Anatomy and histology of the male reproductive tract in creeping water bugs (Heteroptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.8	2
6	Status of insecticide resistance in Plutella xylostella (Linnaeus) (Lepidoptera: Plutellidae) from 1997 to 2019: cross-resistance, genetics, biological costs, underlying mechanisms, and implications for management. Phytoparasitica, 2022, 50, 465-485.	1.2	18
7	Susceptibility of Demotispa neivai (Coleoptera: Chrysomelidae) to Beauveria bassiana and Metarhizium anisopliae entomopathogenic fungal isolates. Pest Management Science, 2022, 78, 126-133.	3.4	4
8	Spodoptera frugiperda (Noctuidae) fed on transgenic maize can transfer Bt proteins to Podisus nigrispinus (Pentatomidae). Scientia Agricola, 2022, 79, .	1.2	3
9	Chemical Profile of Elements in the Stingless Bee Melipona quadrifasciata anthidioides (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT /Ov	3.5	1
10	Biochemical and morphological characterization of freshwater microalga Tetradesmus obliquus (Chlorophyta: Chlorophyceae). Protoplasma, 2022, 259, 937-948.	2.1	4
11	Extensive reprogramming of protein isoforms and histopathological alterations in the midgut of Anticarsia gemmatalis fed with protease inhibitors. Annals of Applied Biology, 2022, 180, 383-397.	2.5	2
12	Cuticle melanization and the expression of immune-related genes in the honeybee Apis mellifera (Hymenoptera: Apidae) adult workers. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2022, 257, 110679.	1.6	3
13	Indoxacarb effects on non-target predator, Podisus distinctus (Hemiptera: Pentatomidae). Environmental Science and Pollution Research, 2022, 29, 29967-29975.	5.3	6
14	Acute oral exposure to imidacloprid induces apoptosis and autophagy in the midgut of honey bee Apis mellifera workers. Science of the Total Environment, 2022, 815, 152847.	8.0	24
15	Leaf plasticity across wet and dry seasons in Croton blanchetianus (Euphorbiaceae) at a tropical dry forest. Scientific Reports, 2022, 12, 954.	3.3	7
16	Exposure to copper sulfate impairs survival, post-embryonic midgut development and reproduction in Aedes aegypti. Infection, Genetics and Evolution, 2022, 97, 105185.	2.3	5
17	The sperm aggregation in a whirligig beetle (Coleoptera, Gyrinidae): structure, functions, and comparison with related taxa. Organisms Diversity and Evolution, 2022, 22, 355-375.	1.6	11
18	Side-effects of pesticides on non-target insects in agriculture: a mini-review. Die Naturwissenschaften, 2022, 109, 17.	1.6	45

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19	Lethal and sublethal effects of an emulsion based on Pogostemon cablin (Lamiaceae) essential oil on the coffee berry borer, Hypothenemus hampei. Environmental Science and Pollution Research, 2022, 29, 45763-45773.	5.3	4
20	Anatomy and histology of the metapleural gland in the giant tropical ant Paraponera clavata (Fabricius, 1775) (Formicidae: Paraponerinae). Anais Da Academia Brasileira De Ciencias, 2022, 94, e20201368.	0.8	0
21	Differential gene expression by RNA-seq during Alzheimerâ€™s disease-like progression in the Drosophila melanogaster model. Neuroscience Research, 2022, 180, 1-12.	1.9	3
22	Protein and volatile contents in the mandibular gland of the sugarcane borer Diatraea saccharalis (Lepidoptera: Crambidae). Archives of Insect Biochemistry and Physiology, 2022, , e21904.	1.5	0
23	Non-proteinaceous salivary compounds of a predatory bug cause histopathological and cytotoxic effects in prey. Toxicon, 2022, 213, 76-82.	1.6	2
24	Antennal Sensilla in Vespidae: A Comparison Between a Diurnal and a Nocturnal Polistinae Wasp. Microscopy and Microanalysis, 2022, , 1-14.	0.4	1
25	Infestation of Portulaca oleracea (Portulacaceae) plants by Neotuerta platensis (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 84, e252836.	0.9	0
26	Anatomical indicators of Eucalyptus spp. resistance to Glycaspis brimblecombei (Hemiptera: Aphalaridae). PeerJ, 2022, 10, e13346.	2.0	2
27	Development, Survival and Reproduction of Spodopterafrugiperda (Lepidoptera: Noctuidae) Fed an Artificial Diet or on Cotton, Castor Bean and Corn Leaves. Insects, 2022, 13, 428.	2.2	2
28	Free-feeding organisms and galling insects (Hymenoptera) interactions on Caryocar brasiliense (Malpighiales: Caryocaraceae) trees, a savanna plant from Brazil. Brazilian Journal of Biology, 2022, 84, e257975.	0.9	0
29	Advances zoophytophagous stinkbugs (Pentatomidae) use in agroecosystems: biology, feeding behavior and biological control. Journal of Pest Science, 2022, 95, 1485-1500.	3.7	5
30	Fipronil exposure compromises respiration and damages the Malpighian tubules of the stingless bee Partamona helleri Friese (Hymenoptera: Apidae). Environmental Science and Pollution Research, 2022, 29, 88101-88108.	5.3	3
31	Anatomy and histology of the male reproductive tract in giant water bugs of the genus Belostoma Latreille, 1807 (Heteroptera, Belostomatidae). International Journal of Tropical Insect Science, 2021, 41, 303-311.	1.0	7
32	Morphology of the male and female reproductive tracts of virgin and mated Chrysoperla externa (Hagen, 1861) (Neuroptera: Chrysopidae). Microscopy Research and Technique, 2021, 84, 860-868.	2.2	3
33	Anatomy and histology of the alimentary canal of larvae and adults of Chrysoperla externa (Hagen,) Tj ETQq1 1 0.784314 rgBT /Overlo	1.4	4
34	Exposure to chlorantraniliprole reduces locomotion, respiration, and causes histological changes in the midgut of velvetbean caterpillar Anticarsia gemmatalis (Lepidoptera: Noctuidae). Chemosphere, 2021, 263, 128008.	8.2	20
35	Effect of Benzoylphenyl Ureas on Survival and Reproduction of the Lace Bug, Leptopharsa gibbicarina. Insects, 2021, 12, 34.	2.2	4
36	Interaction between predatory and phytophagous stink bugs (Heteroptera: Pentatomidae) promoted by secretion of scent glands. Chemoecology, 2021, 31, 209-219.	1.1	12

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37	Imidacloprid-mediated alterations on the salivary glands of the Neotropical brown stink bug, Euschistus heros. Ecotoxicology, 2021, 30, 678-688.	2.4	5
38	Courtship, Mating Behavior, and Ovary Histology of the Nymph Parasitoid Psyllaephagus bliteus (Hymenoptera: Encyrtidae). Journal of Insect Science, 2021, 21, .	1.5	1
39	Rapid and efficient mating in mayflies (Ephemeroptera): morphological and reproductive strategies in primitive winged insects. Die Naturwissenschaften, 2021, 108, 10.	1.6	1
40	Differential expression of aquaporin genes during ovary activation in the honeybee Apis mellifera (Hymenoptera: Apidae) queens. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2021, 253, 110551.	1.6	3
41	Spiromesifen induces histopathological and cytotoxic changes in the midgut of the honeybee Apis mellifera (Hymenoptera: Apidae). Chemosphere, 2021, 270, 129439.	8.2	15
42	The oology in taxonomic studies of Terpidinae Kluge (Ephemeroptera: Leptophlebiidae). Zoologischer Anzeiger, 2021, 292, 58-63.	0.9	1
43	Deltamethrin-Mediated Effects on Locomotion, Respiration, Feeding, and Histological Changes in the Midgut of Spodoptera frugiperda Caterpillars. Insects, 2021, 12, 483.	2.2	11
44	Exposure to insecticides causes effects on survival, prey consumption, and histological changes in the midgut of the predatory bug, Podisus nigrispinus (Hemiptera: Pentatomidae). Environmental Science and Pollution Research, 2021, 28, 57449-57458.	5.3	8
45	An organic bait based on Palicourea marcgravii (Rubiaceae) and Tephrosia candida (Fabaceae) does not control nests of Atta laevigata (Hymenoptera: Formicidae) in eucalyptus plantations. Agricultural and Forest Entomology, 2021, 23, 512.	1.3	0
46	Acute exposure to fipronil induces oxidative stress, apoptosis and impairs epithelial homeostasis in the midgut of the stingless bee Partamona helleri Friese (Hymenoptera: Apidae). Science of the Total Environment, 2021, 774, 145679.	8.0	28
47	The salivary glands of Brontocoris tabidus (Heteroptera: Pentatomidae): Morphology and secretory cycle. Tissue and Cell, 2021, 70, 101498.	2.2	3
48	Anatomy and histology of the male reproductive tractof Machtima crucigera (Fabricius, 1775) (Heteroptera: Coreidae). Zoologischer Anzeiger, 2021, 293, 156-162.	0.9	2
49	Morphology of the male reproductive tract and spermatozoa of Lasioderma serricorne (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overl	0.9	3
50	Bio-fertilizers and micronutrients affect the digestibility, detoxification, and intermediary metabolisms of English grain aphid, Sitobion avenae, in greenhouse. Journal of Asia-Pacific Entomology, 2021, 24, 704-710.	0.9	0
51	Behavioral and ultrastructural effects of novaluron on Aedes aegypti larvae. Infection, Genetics and Evolution, 2021, 93, 104974.	2.3	7
52	Harmful effects of fipronil exposure on the behavior and brain of the stingless bee Partamona helleri Friese (Hymenoptera: Meliponini). Science of the Total Environment, 2021, 794, 148678.	8.0	18
53	Effect of Natural and Artificial Diets on Protease Activity in the Midgut of Spodoptera cosmioides and Spodoptera eridania (Lepidoptera: Noctuidae) Larvae. Florida Entomologist, 2021, 103, .	0.5	0
54	Morphology of the male reproductive tract in the water scavenger beetle Tropisternus collaris Fabricius, 1775 (Coleoptera: Hydrophilidae). Revista Brasileira De Entomologia, 2021, 65, .	0.4	2

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55	Effects of Insect Growth Regulators on Mortality, Survival, and Feeding of Euprosterna elaeasa (Lepidoptera: Limacodidae) Larvae. Agronomy, 2021, 11, 2002.	3.0	5
56	Micronutrient Fertilizers Affect the Digestibility, Intermediary Metabolism, and Oxidative Stress in Myzus persicae (Sulzer). Neotropical Entomology, 2021, 50, 940-947.	1.2	1
57	Origanum vulgare Essential Oil against Tenebrio molitor (Coleoptera: Tenebrionidae): Composition, Insecticidal Activity, and Behavioral Response. Plants, 2021, 10, 2513.	3.5	11
58	Laboratory selection, crossâ€resistance, and estimations of realized heritability of indoxacarb resistance in Phenacoccus solenopsis (Homoptera: Pseudococcidae). Pest Management Science, 2020, 76, 161-168.	3.4	11
59	Limonene, a Chemical Compound Related to the Resistance of Eucalyptus Species to Austropuccinia psidii. Plant Disease, 2020, 104, 414-422.	1.4	28
60	Histopathological and cytotoxic changes induced by spinosad on midgut cells of the non-target predator Podisus nigrispinus Dallas (Heteroptera: Pentatomidae). Chemosphere, 2020, 238, 124585.	8.2	21
61	Aquaporin and aquaglyceroporin genes have different expression levels in the digestive tract and Malpighian tubules of honey bee nurses and foragers (Apis mellifera). Journal of Apicultural Research, 2020, 59, 178-184.	1.5	4
62	Evaluation of Culex quinquefasciatus wings asymmetry after exposure of larvae to sublethal concentration of ivermectin. Environmental Science and Pollution Research, 2020, 27, 3483-3488.	5.3	3
63	Side effects of Bacillus thuringiensis on the parasitoid Palmistichus elaeisis (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	6.0	14
64	The fungicide iprodione affects midgut cells of non-target honey bee Apis mellifera workers. Ecotoxicology and Environmental Safety, 2020, 189, 109991.	6.0	52
65	Respiration, predatory behavior and prey consumption by Podisus nigrispinus (Heteroptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	8.2	19
66	Leaf metabolic profiles of two soybean genotypes differentially affect the survival and the digestibility of Anticarsia gemmatalis caterpillars. Plant Physiology and Biochemistry, 2020, 155, 196-212.	5.8	15
67	Spermatozoa morphology of the giant water bug Belostoma anurum (Herrich-SchÃffer, 1848) (Heteroptera: Belostomatidae). Zoologischer Anzeiger, 2020, 288, 103-106.	0.9	1
68	Aquaporin expression in the alimentary canal of the honey bee Apis mellifera L. (Hymenoptera: Apidae) and functional characterization of Am_Eglp 1. PLoS ONE, 2020, 15, e0236724.	2.5	3
69	Selectivity of mycoinsecticides and a pyrethroid to the egg parasitoid Cleruchoides noackae (Hymenoptera: Mymaridae). Scientific Reports, 2020, 10, 14617.	3.3	7
70	Toxicity of Essential Oils to Diaphania hyalinata (Lepidoptera: Crambidae) and Selectivity to Its Parasitoid Trichospilus pupivorus (Hymenoptera: Eulophidae). Journal of Economic Entomology, 2020, 113, 2399-2406.	1.8	4
71	Ultrastructure of the Bacteriocytes in the Midgut of the Carpenter ant Camponotus rufipes: Endosymbiont Control by Autophagy. Microscopy and Microanalysis, 2020, 26, 1236-1244.	0.4	2
72	Insecticidal Activity of Bacillus thuringiensis Strains on the Nettle Caterpillar, Euprosterna elaeasa (Lepidoptera: Limacodidae). Insects, 2020, 11, 310.	2.2	16

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73	Bees and the Environmental Impact of the Rupture of the FundÃ£o Dam. Integrated Environmental Assessment and Management, 2020, 16, 631-635.	2.9	2
74	Diversity of arthropods on Acacia mangium (Fabaceae) and production of this plant with dehydrated sewage sludge in degraded area. Royal Society Open Science, 2020, 7, 191196.	2.4	25
75	Distribution pattern of ZO-1 and claudins in the epididymis of vampire bats. Tissue Barriers, 2020, 8, 1779526.	3.2	5
76	Residual Efficacy of Pyriproxyfen on Grain Commodities Against Stored Product Insect Pests. Gesunde Pflanzen, 2020, 72, 265-272.	3.0	5
77	Acute Toxicity and Sublethal Effects of Lemongrass Essential Oil and Their Components against the Granary Weevil, Sitophilus granarius. Insects, 2020, 11, 379.	2.2	33
78	Selectivity of the botanical compounds to the pollinators Apis mellifera and Trigona hyalinata (Hymenoptera: Apidae). Scientific Reports, 2020, 10, 4820.	3.3	17
79	Morphology and chemical composition of the Koschewnikow gland of the honey bee Apis mellifera (Hymenoptera: Apidae) workers engaged in different tasks. Journal of Apicultural Research, 2020, 59, 1037-1048.	1.5	2
80	Insecticidal and repellent activities of Cymbopogon citratus (Poaceae) essential oil and its terpenoids (citral and geranyl acetate) against Ulomoides dermestoides. Crop Protection, 2020, 137, 105299.	2.1	44
81	Side-effects caused by chlorpyrifos in the velvetbean caterpillar Anticarsia gemmatalis (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Over	8.2	20
82	Antibacterial activity of the venom of the Ponerine ant Pachycondyla striata (Formicidae: Ponerinae). International Journal of Tropical Insect Science, 2020, 40, 393-402.	1.0	8
83	Occurrence of virus, microsporidia, and pesticide residues in three species of stingless bees (Apidae:) Tj ETQq1 1 0.784314 rgBT /Over	1.6	27
84	Morphology and composition of the midgut bacterial community of Scaptocoris castanea Perty, 1830 (Hemiptera: Cydnidae). Cell and Tissue Research, 2020, 382, 337-349.	2.9	5
85	Cytotoxic effects on the midgut, hypopharyngeal, glands and brain of Apis mellifera honey bee workers exposed to chronic concentrations of lambda-cyhalothrin. Chemosphere, 2020, 248, 126075.	8.2	31
86	Oviposition behaviour of mated or unmated Cleruchoides noackae (Hymenoptera: Mymaridae). PLoS ONE, 2020, 15, e0239285.	2.5	5
87	Seed germination and early seedling survival of the invasive speciesProsopis juliflora(Fabaceae) depend on habitat and seed dispersal mode in the Caatinga dry forest. PeerJ, 2020, 8, e9607.	2.0	10
88	Structural Changes in the Male Reproductive Tract of the Stingless Bee Scaptotrigona xanthotricha Moure 1950 (Meliponini, Apidae) During Sexual Maturation. Sociobiology, 2020, 67, 526-534.	0.5	1
89	Oviposition behaviour of mated or unmated Cleruchoides noackae (Hymenoptera: Mymaridae). , 2020, 15, e0239285.		0
90	Oviposition behaviour of mated or unmated Cleruchoides noackae (Hymenoptera: Mymaridae). , 2020, 15, e0239285.		0

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91	Oviposition behaviour of mated or unmated Cleruchoides noackae (Hymenoptera: Mymaridae). , 2020, 15, e0239285.		0
92	Oviposition behaviour of mated or unmated Cleruchoides noackae (Hymenoptera: Mymaridae). , 2020, 15, e0239285.		0
93	Oviposition behaviour of mated or unmated Cleruchoides noackae (Hymenoptera: Mymaridae). , 2020, 15, e0239285.		0
94	Morphology of ovary and spermathecae of the parasitoid Eibesfeldtphora tonhascai Brown (Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.1	8
95	Cytotoxicity of Piper aduncum (Piperaceae) essential oil in brown stink bug Euschistus heros (Heteroptera: Pentatomidae). Ecotoxicology, 2019, 28, 763-770.	2.4	24
96	A peritrophin mediates the peritrophic matrix permeability in the workers of the bees Melipona quadrifasciata and Apis mellifera. Arthropod Structure and Development, 2019, 53, 100885.	1.4	12
97	Morphological characters of resistant and susceptible Ipomoea batatas genotypes to Tetranychus ludeni (Acari: Tetranychidae). Phytoparasitica, 2019, 47, 505-511.	1.2	2
98	Anatomy, Histology, and Ultrastructure of Salivary Glands of the Burrower Bug,Scaptocoris castanea(Hemiptera: Cydnidae). Microscopy and Microanalysis, 2019, 25, 1482-1490.	0.4	6
99	Chlorantraniliproleâ€“mediated effects on survival, walking abilities, and respiration in the coffee berry borer, Hypothenemus hampei. Ecotoxicology and Environmental Safety, 2019, 172, 53-58.	6.0	40
100	Bioactivity of the Cymbopogon citratus (Poaceae) essential oil and its terpenoid constituents on the predatory bug, Podisus nigrispinus (Heteroptera: Pentatomidae). Scientific Reports, 2019, 9, 8358.	3.3	65
101	Exposure to Insecticides Reduces Populations of Rhynchophorus palmarum in Oil Palm Plantations with Bud Rot Disease. Insects, 2019, 10, 111.	2.2	23
102	Chlorantraniliprole degenerates microvilli goblet cells of the Anticarsia gemmatalis (Lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	8.2	12
103	Toxicity and cytopathology mediated by Bacillus thuringiensis in the midgut of Anticarsia gemmatalis (Lepidoptera: Noctuidae). Scientific Reports, 2019, 9, 6667.	3.3	39
104	Morphology of the mandibular gland of the ant Paraponera clavata (Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td	2.2	2
105	Exposure to spinosad induces histopathological and cytotoxic effects on the salivary complex of the non-target predator Podisus nigrispinus. Chemosphere, 2019, 225, 688-695.	8.2	20
106	Ultramorphology of the peritrophic matrix in bees (Hymenoptera: Apidae). Journal of Apicultural Research, 2019, 58, 463-468.	1.5	7
107	Morphology and Morphometry of the Midgut in the Stingless Bee Friesella schrottkyi (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT /Ove	2.2	6
108	Proteomic analysis of the venom of the social wasp Apoica pallens (Hymenoptera: Vespidae). Revista Brasileira De Entomologia, 2019, 63, 322-330.	0.4	5

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109	Evidence for a transcellular route for vitellogenin transport in the telotrophic ovary of Podisus nigrispinus (Hemiptera: Pentatomidae). Scientific Reports, 2019, 9, 16441.	3.3	10
110	Morphology of the spermatheca of Triatoma lecticularia (Hemiptera: Reduviidae) (Stal, 1859). Brazilian Journal of Biology, 2019, 79, 144-148.	0.9	1
111	Preference of red mite Tetranychus ludeni Zacher (Acari: Tetranychidae) to sweet potato genotypes. Brazilian Journal of Biology, 2019, 79, 208-212.	0.9	9
112	Termitariophily: expanding the concept of termitophily in a physogastric rove beetle (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.2	17
113	Aedes aegypti larvae treated with spinosad produce adults with damaged midgut and reduced fecundity. Chemosphere, 2019, 221, 464-470.	8.2	24
114	Toxicity and cytotoxicity of the insecticide imidacloprid in the midgut of the predatory bug, Podisus nigrispinus. Ecotoxicology and Environmental Safety, 2019, 167, 69-75.	6.0	42
115	Potential of Diaphania hyalinata and Tenebrio molitor as alternative host for mass rearing of Palmistichus elaeisis (Hymenoptera: Eulophidae). Entomologia Generalis, 2019, 39, 285-294.	3.1	7
116	Post-embryonic Development of the Seminal Vesicle in the Stingless Bee Melipona quadrifasciata Lepeletier, 1836 (Apidae: Meliponini). Sociobiology, 2019, 66, 287.	0.5	3
117	Pyriproxyfen, a juvenile hormone analog, damages midgut cells and interferes with behaviors of Aedes aegypti larvae. PeerJ, 2019, 7, e7489.	2.0	38
118	Quantifying the harmful potential of ten essential oils on immature Trichogramma pretiosum stages. Chemosphere, 2018, 199, 670-675.	8.2	15
119	Squamocin induce histological and ultrastructural changes in the midgut cells of Anticarsia gemmatalis (Lepidoptera: Noctuidae). Ecotoxicology and Environmental Safety, 2018, 156, 1-8.	6.0	55
120	Dechorionation and Permeabilization of Podisus nigrispinus (Heteroptera: Pentatomidae) Eggs: Limiting Factors for Cryopreservation. Journal of Economic Entomology, 2018, 111, 96-100.	1.8	2
121	Oat, wheat and sorghum cultivars for the management ofÂMeloidogyne enterolobii. Nematology, 2018, 20, 169-173.	0.6	15
122	Toxicity of different fatty acids and methyl esters on Culex quinquefasciatus larvae. Ecotoxicology and Environmental Safety, 2018, 154, 1-5.	6.0	29
123	Histological evidence of a glandular tubercle at the abdominal tergite in three species of katydids (Orthoptera: Tettigoniidae). Zoologischer Anzeiger, 2018, 274, 90-94.	0.9	1
124	Terpenoid constituents of cinnamon and clove essential oils cause toxic effects and behavior repellency response on granary weevil, Sitophilus granarius. Ecotoxicology and Environmental Safety, 2018, 156, 263-270.	6.0	85
125	Changes in the insecticide susceptibility and physiological trade-offs associated with a host change in the bean weevil Acanthoscelides obtectus. Journal of Pest Science, 2018, 91, 459-468.	3.7	12
126	Modes of action of squamocin in the anal papillae of Aedes aegypti larvae. Physiological and Molecular Plant Pathology, 2018, 101, 172-177.	2.5	6

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127	Sublethal dose of deltamethrin damage the midgut cells of the mayfly Callibaetis radiatus (Ephemeroptera: Baetidae). Environmental Science and Pollution Research, 2018, 25, 1418-1427.	5.3	11
128	Post-embryonic development of the Malpighian tubules in Apis mellifera (Hymenoptera) workers: morphology, remodeling, apoptosis, and cell proliferation. Protoplasma, 2018, 255, 585-599.	2.1	14
129	Glyphosate-based herbicides toxicity on life history parameters of zoophytophagous Podisus nigrispinus (Heteroptera: Pentatomidae). Ecotoxicology and Environmental Safety, 2018, 147, 245-250.	6.0	9
130	Insecticide toxicity to the borer Neoleucinodes elegantalis (GuenÃ©e) (Lepidoptera: Crambidae): developmental and egg-laying effects. Neotropical Entomology, 2018, 47, 318-325.	1.2	13
131	Spinosadâ€mediated effects on the walking ability, midgut, and Malpighian tubules of Africanized honey bee workers. Pest Management Science, 2018, 74, 1311-1318.	3.4	40
132	Essential oils cause detrimental effects on biological parameters of Trichogramma galloi immatures. Journal of Pest Science, 2018, 91, 887-895.	3.7	17
133	Male reproductive tract and spermatozoa ultrastructure in the grasshopper Orphulella punctata (De Geer, 1773) (Insecta, Orthoptera, Caelifera). Microscopy Research and Technique, 2018, 81, 250-255.	2.2	4
134	Toxic effects of two essential oils and their constituents on the mealworm beetle,Tenebrio molitor. Bulletin of Entomological Research, 2018, 108, 716-725.	1.0	43
135	Food and nymph stage duration influence life table parameters of the predator Brontocoris tabidus (Heteroptera: Pentatomidae). Biological Control, 2018, 117, 63-67.	3.0	2
136	Lethal and behavioral effects of synthetic and organic insecticides on Spodoptera exigua and its predator Podisus maculiventris. PLoS ONE, 2018, 13, e0206789.	2.5	16
137	Parasitism, sexual dimorphism and effect of host size on Apocephalus attophilus offspring, a parasitoid of the leaf-cutting ant Atta bisphaerica. PLoS ONE, 2018, 13, e0208253.	2.5	8
138	Atrazine and nicosulfuron affect the reproductive fitness of the predator Podisus nigrispinus (Hemiptera: Pentatomidae). Anais Da Academia Brasileira De Ciencias, 2018, 90, 3625-3633.	0.8	6
139	Azadirachtin impairs egg production in Atta sexdens leaf-cutting ant queens. Environmental Pollution, 2018, 243, 809-814.	7.5	25
140	Using palynological evidence from royal jelly to mediate the spread of Paenibacillus larvae in Brazil. Hoehnea (revista), 2018, 45, 512-539.	0.2	5
141	Histochemistry, immunohistochemistry and cytochemistry of the anterior midgut region of the stingless bee Melipona quadrifasciata and honey bee Apis mellifera (Hymenoptera: Apidae). Micron, 2018, 113, 41-47.	2.2	3
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