

Giovanni Benelli

List of Publications by Year in descending order

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Version: 2024-02-01

532
papers

24,506
citations

6254

80
h-index

19190

118
g-index

544
all docs

544
docs citations

544
times ranked

15406
citing authors

#	ARTICLE	IF	CITATIONS
1	Scientific and technological developments in mating disruption of scale insects. <i>Entomologia Generalis</i> , 2022, 42, 251-273.	3.1	15
2	Lethal and behavioural effects of a green insecticide against an invasive polyphagous fruit fly pest and its safety to mammals. <i>Chemosphere</i> , 2022, 287, 132089.	8.2	23
3	A new monomeric α -amylase inhibitor from the tetraploid emmer wheat is mostly active against stored product pests. <i>Journal of Pest Science</i> , 2022, 95, 1401-1412.	3.7	3
4	Lethal and sublethal effects of essential oil-loaded zein nanocapsules on a zoonotic disease vector mosquito, and their non-target impact. <i>Industrial Crops and Products</i> , 2022, 176, 114413.	5.2	19
5	Insecticide, Acaricide, Repellent and Antimicrobial Development. <i>Molecules</i> , 2022, 27, 386.	3.8	3
6	<i>Trichogramma ostrinae</i> Is More Effective Than <i>Trichogramma dendrolimi</i> As a Biocontrol Agent of the Asian Corn Borer, <i>Ostrinia furnacalis</i> . <i>Insects</i> , 2022, 13, 70.	2.2	6
7	Lateralization of Courtship Traits Impacts Pentatomid Male Mating Success—Evidence from Field Observations. <i>Insects</i> , 2022, 13, 172.	2.2	3
8	<i>Carlina acaulis</i> essential oil nanoemulsion as a new grain protectant against different developmental stages of three stored-product beetles. <i>Pest Management Science</i> , 2022, 78, 2434-2442.	3.4	9
9	Do asymmetric sexual interactions affect copulation in the saw-toothed grain beetle, <i>Oryzaephilus surinamensis</i> (L.) (Coleoptera: Silvanidae)? <i>Journal of Stored Products Research</i> , 2022, 96, 101946.	2.6	3
10	Piperitenone oxide-rich <i>Mentha longifolia</i> essential oil and its nanoemulsion to manage different developmental stages of insect and mite pests attacking stored wheat. <i>Industrial Crops and Products</i> , 2022, 178, 114600.	5.2	19
11	Hormesis and insects: Effects and interactions in agroecosystems. <i>Science of the Total Environment</i> , 2022, 825, 153899.	8.0	74
12	Arthropod outbreaks, stressors, and sublethal stress. <i>Current Opinion in Environmental Science and Health</i> , 2022, 28, 100371.	4.1	8
13	Acaricidal Activity of Bufadienolides Isolated from <i>Drimys panchratium</i> against <i>Tetranychus urticae</i> , and Structural Elucidation of Arenobufagin-3-O- β -L-rhamnopyranoside. <i>Plants</i> , 2022, 11, 1629.	3.5	3
14	Apiaceae essential oil nanoemulsions as effective wheat protectants against five arthropod pests. <i>Industrial Crops and Products</i> , 2022, 186, 115001.	5.2	11
15	Back to the Wild: The Parasitoid Community of <i>Lobesia botrana</i> (Lepidoptera: Tortricidae) in a Grapevine-Free Natural Environment. <i>Insects</i> , 2022, 13, 627.	2.2	3
16	Development, characterization, insecticidal and sublethal effects of <i>Bunium persicum</i> and <i>Ziziphora clinopodioides</i> -based essential oil nanoemulsions on <i>Culex quinquefasciatus</i> . <i>Industrial Crops and Products</i> , 2022, 186, 115249.	5.2	7
17	Molecular detection of vector-borne agents in ectoparasites and reptiles from Brazil. <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101585.	2.7	17
18	Overexposing mosquitoes to insecticides under global warming: A public health concern?. <i>Science of the Total Environment</i> , 2021, 762, 143069.	8.0	39

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19	Coumarin (2H-1-benzopyran-2-one): a novel and eco-friendly aphicide. <i>Natural Product Research</i> , 2021, 35, 1566-1571.	1.8	9
20	Behavioral Asymmetries Affecting Male Mating Success in <i>Tenebrio molitor</i> (Coleoptera: Tj ETQq0 0 0 rgBT JOverlock 10 Tf 50 70	1.8	8
21	Yacon as an alternative host plant for <i>Encarsia formosa</i> mass rearing: validating a multinomial theorem for bootstrap technique in life table research. <i>Pest Management Science</i> , 2021, 77, 2324-2336.	3.4	13
22	Encapsulation of <i>Carlina acaulis</i> essential oil and carlina oxide to develop long-lasting mosquito larvicides: microemulsions versus nanoemulsions. <i>Journal of Pest Science</i> , 2021, 94, 899-915.	3.7	41
23	Opposite valence social information provided by bio-robotic demonstrators shapes selection processes in the green bottle fly. <i>Journal of the Royal Society Interface</i> , 2021, 18, 20210056.	3.4	13
24	Developing a <i>Hazomalania voyronii</i> Essential Oil Nanoemulsion for the Eco-Friendly Management of <i>Tribolium confusum</i> , <i>Tribolium castaneum</i> and <i>Tenebrio molitor</i> Larvae and Adults on Stored Wheat. <i>Molecules</i> , 2021, 26, 1812.	3.8	32
25	Old Parasitoids for New Mealybugs: Host Location Behavior and Parasitization Efficacy of <i>Anagyrus vladimiri</i> on <i>Pseudococcus comstocki</i> . <i>Insects</i> , 2021, 12, 257.	2.2	2
26	<i>Carlina acaulis</i> and <i>Trachyspermum ammi</i> essential oils formulated in protein baits are highly toxic and reduce aggressiveness in the medfly, <i>Ceratitis capitata</i> . <i>Industrial Crops and Products</i> , 2021, 161, 113191.	5.2	29
27	Tephritid Fruit Fly Semiochemicals: Current Knowledge and Future Perspectives. <i>Insects</i> , 2021, 12, 408.	2.2	43
28	Knee central pivot bicruciate avulsion and proximal anterior cruciate ligament tear primary repair: A rare case report. <i>Trauma Case Reports</i> , 2021, 32, 100406.	0.4	2
29	Serum amyloid A levels and alpha 2 and gamma globulins on serum protein electrophoresis in cats exposed to and infected with <i>Leishmania infantum</i> . <i>Parasites and Vectors</i> , 2021, 14, 217.	2.5	4
30	Mating Disruption for Managing the Honeydew Moth, <i>Cryptoblabes gnidiella</i> (Millière), in Mediterranean Vineyards. <i>Insects</i> , 2021, 12, 390.	2.2	2
31	Local conditions favor dengue transmission in the contiguous United States. <i>Entomologia Generalis</i> , 2021, 41, 523-529.	3.1	5
32	Chemical Composition and Broad-Spectrum Insecticidal Activity of the Flower Essential Oil from an Ancient Sicilian Food Plant, <i>Ridolfia segetum</i> . <i>Agriculture (Switzerland)</i> , 2021, 11, 304.	3.1	30
33	Bee and Beekeeping Research in a Rapidly Changing World: Advancements and Challenges. <i>Molecules</i> , 2021, 26, 3066.	3.8	1
34	Adult damselflies as possible regulators of mosquito populations in urban areas. <i>Pest Management Science</i> , 2021, 77, 4274-4287.	3.4	4
35	Seropositivity to canine tick-borne pathogens in a population of sick dogs in Italy. <i>Parasites and Vectors</i> , 2021, 14, 292.	2.5	6
36	Insects dispersing taeniid eggs: Who and how?. <i>Veterinary Parasitology</i> , 2021, 295, 109450.	1.8	10

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37	From Insect Pheromones to Mating Disruption: Theory and Practice. <i>Insects</i> , 2021, 12, 698.	2.2	2
38	Isofuranodiene-based nanoemulsion: larvicidal and adulticidal activity against tenebrionid beetles attacking stored wheat. <i>Journal of Stored Products Research</i> , 2021, 93, 101859.	2.6	13
39	Bioactivity of <i>Carlina acaulis</i> Essential Oil and Its Main Component towards the Olive Fruit Fly, <i>Bactrocera Oleae</i> : Ingestion Toxicity, Electrophysiological and Behavioral Insights. <i>Insects</i> , 2021, 12, 880.	2.2	17
40	Toxics or Lures? Biological and Behavioral Effects of Plant Essential Oils on Tephritidae Fruit Flies. <i>Molecules</i> , 2021, 26, 5898.	3.8	16
41	Prolonged sublethal effects of essential oils from non-wood parts of nine conifers on key insect pests and vectors. <i>Industrial Crops and Products</i> , 2021, 168, 113590.	5.2	36
42	Spilanthol-rich essential oil obtained by microwave-assisted extraction from <i>Acmella oleracea</i> (L.) R.K. Jansen and its nanoemulsion: Insecticidal, cytotoxic and anti-inflammatory activities. <i>Industrial Crops and Products</i> , 2021, 172, 114027.	5.2	20
43	Zoonotic <i>Dirofilaria immitis</i> and <i>Dirofilaria repens</i> infection in humans and an integrative approach to the diagnosis. <i>Acta Tropica</i> , 2021, 223, 106083.	2.0	18
44	Apiaceae essential oils and their constituents as insecticides against mosquitoes – A review. <i>Industrial Crops and Products</i> , 2021, 171, 113892.	5.2	31
45	Sustainable management of the vine mealybug in organic vineyards. <i>Journal of Pest Science</i> , 2021, 94, 153-185.	3.7	25
46	Arthropod vectors and vector-borne pathogens: know your enemy for not succumbing the battle. <i>Entomologia Generalis</i> , 2021, 41, 415-418.	3.1	1
47	Anthropogenic changes and associated impacts on vector-borne diseases. <i>Trends in Parasitology</i> , 2021, 37, 1027-1030.	3.3	24
48	Green Synthesis of Nanomaterials and Their Biological Applications. <i>Nanomaterials</i> , 2021, 11, 2842.	4.1	3
49	Echoentomography for Assessing Braconid Parasitization on Soft-Bodied Tephritid Hosts. <i>Insects</i> , 2021, 12, 980.	2.2	0
50	Diatomaceous Earth for Arthropod Pest Control: Back to the Future. <i>Molecules</i> , 2021, 26, 7487.	3.8	32
51	Larvicidal activity of spinosad and its impact on oviposition preferences of the West Nile vector <i>Culex pipiens</i> biotype <i>molestus</i> – A comparison with a chitin synthesis inhibitor. <i>Parasitology International</i> , 2020, 74, 101917.	1.3	7
52	Promising insecticidal efficacy of the essential oils from the halophyte <i>Echinophora spinosa</i> (Apiaceae) growing in Corsica Island, France. <i>Environmental Science and Pollution Research</i> , 2020, 27, 14454-14464.	5.3	19
53	Insecticidal and mosquito repellent efficacy of the essential oils from stem bark and wood of <i>Hazomalania voyronii</i> . <i>Journal of Ethnopharmacology</i> , 2020, 248, 112333.	4.1	24
54	Developing green insecticides to manage olive fruit flies? Ingestion toxicity of four essential oils in protein baits on <i>Bactrocera oleae</i> . <i>Industrial Crops and Products</i> , 2020, 143, 111884.	5.2	33

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55	Outstanding insecticidal activity and sublethal effects of <i>Carlina acaulis</i> root essential oil on the housefly, <i>Musca domestica</i> , with insights on its toxicity on human cells. <i>Food and Chemical Toxicology</i> , 2020, 136, 111037.	3.6	60
56	Wing-fanning frequency as a releaser boosting male mating success—High-speed video analysis of courtship behavior in <i>Campoplex capitator</i> , a parasitoid of <i>Lobesia botrana</i> . <i>Insect Science</i> , 2020, 27, 1298-1310.	3.0	10
57	Lysenko and the Screwworm Fly—When Politics Interferes with Science and Public Health. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6687.	2.6	0
58	Developing a Highly Stable <i>Carlina acaulis</i> Essential Oil Nanoemulsion for Managing <i>Lobesia botrana</i> . <i>Nanomaterials</i> , 2020, 10, 1867.	4.1	55
59	Arthropod-Borne Disease Control at a Glance: What's New on Drug Development?. <i>Molecules</i> , 2020, 25, 5175.	3.8	4
60	Phytol, (E)-nerolidol and spathulenol from <i>Stevia rebaudiana</i> leaf essential oil as effective and eco-friendly botanical insecticides against <i>Metopolophium dirhodum</i> . <i>Industrial Crops and Products</i> , 2020, 155, 112844.	5.2	41
61	Does geographical origin affect lateralization and male mating success in <i>Rhyzopertha dominica</i> beetles?. <i>Journal of Stored Products Research</i> , 2020, 88, 101630.	2.6	7
62	Essential Oils as Post-Harvest Crop Protectants against the Fruit Fly <i>Drosophila suzukii</i> : Bioactivity and Organoleptic Profile. <i>Insects</i> , 2020, 11, 508.	2.2	24
63	Beetle-robot hybrid interaction: sex, lateralization and mating experience modulate behavioural responses to robotic cues in the larger grain borer <i>Prostephanus truncatus</i> (Horn). <i>Biological Cybernetics</i> , 2020, 114, 473-483.	1.3	28
64	Pathogens Manipulating Tick Behavior—Through a Glass, Darkly. <i>Pathogens</i> , 2020, 9, 664.	2.8	43
65	On a Magical Mystery Tour of Green Insecticide Research: Current Issues and Challenges. <i>Molecules</i> , 2020, 25, 5014.	3.8	10
66	Drying Techniques and Storage: Do They Affect the Nutritional Value of Bee-Collected Pollen?. <i>Molecules</i> , 2020, 25, 4925.	3.8	14
67	Essential oils from three Algerian medicinal plants (<i>Artemisia campestris</i> , <i>Pulicaria arabica</i> , and) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Research</i> , 2020, 27, 26594-26604.	5.3	31
68	Mites and ticks of reptiles and amphibians in Brazil. <i>Acta Tropica</i> , 2020, 208, 105515.	2.0	25
69	Mobility parameters of <i>Tribolium castaneum</i> and <i>Rhyzopertha dominica</i> populations with different susceptibility to phosphine. <i>Journal of Stored Products Research</i> , 2020, 87, 101593.	2.6	21
70	Ultrasonic Technology Applied against Mosquito Larvae. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3546.	2.5	7
71	Effectiveness of eight essential oils against two key stored-product beetles, <i>Prostephanus truncatus</i> (Horn) and <i>Trogoderma granarium</i> Everts. <i>Food and Chemical Toxicology</i> , 2020, 139, 111255.	3.6	59
72	Exploring essential oils of Slovak medicinal plants for insecticidal activity: The case of <i>Thymus alternans</i> and <i>Teucrium montanum</i> subsp. <i>jailae</i> . <i>Food and Chemical Toxicology</i> , 2020, 138, 111203.	3.6	15

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73	Efficacy of the furanosesquiterpene isofuranodiene against the stored-product insects <i>Prostephanus truncatus</i> (Coleoptera: Bostrychidae) and <i>Trogoderma granarium</i> (Coleoptera: Dermestidae). <i>Journal of Stored Products Research</i> , 2020, 86, 101553.	2.6	21
74	Semiochemicals for intraspecific communication of the fig weevil <i>Aclees sp. cf. foveatus</i> (Coleoptera: Tj ETQq0 0 0,rgBT /Overlock 10 Tf	3.5	6
75	Ascaridole-rich essential oil from marsh rosemary (<i>Ledum palustre</i>) growing in Poland exerts insecticidal activity on mosquitoes, moths and flies without serious effects on non-target organisms and human cells. <i>Food and Chemical Toxicology</i> , 2020, 138, 111184.	3.6	26
76	Beyond frontiers: On invasive alien mosquito species in America and Europe. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0007864.	3.0	35
77	Together We Stand â€“ Analyzing Schooling Behavior in Naive Newborn Guppies through Biorobotic Predators. <i>Journal of Bionic Engineering</i> , 2020, 17, 174-184.	5.0	20
78	<i>Aedes albopictus</i> (Asian Tiger Mosquito). <i>Trends in Parasitology</i> , 2020, 36, 942-943.	3.3	42
79	The volatile oils from the oleo-gum-resins of <i>Ferula assa-foetida</i> and <i>Ferula gummosa</i> : A comprehensive investigation of their insecticidal activity and eco-toxicological effects. <i>Food and Chemical Toxicology</i> , 2020, 140, 111312.	3.6	39
80	Proposal of A New Bois Noir Epidemiological Pattern Related to â€“Candidatus <i>Phytoplasma Solani</i> â€™™ Strains Characterized by A Possible Moderate Virulence in Tuscany. <i>Pathogens</i> , 2020, 9, 268.	2.8	13
81	Impact of Different Developmental Instars on <i>Locusta migratoria</i> Jumping Performance. <i>Applied Bionics and Biomechanics</i> , 2020, 2020, 1-11.	1.1	8
82	<i>Leishmania infantum</i> and <i>Dirofilaria immitis</i> infections in Italy, 2009â€“2019: changing distribution patterns. <i>Parasites and Vectors</i> , 2020, 13, 193.	2.5	75
83	Filariasis vector control down-played due to the belief the drugs will be enough â€“ not true!. <i>Entomologia Generalis</i> , 2020, 40, 15-24.	3.1	26
84	Phenolic monoterpene-rich essential oils from Apiaceae and Lamiaceae species: insecticidal activity and safety evaluation on non-target earthworms. <i>Entomologia Generalis</i> , 2020, 40, 421-435.	3.1	45
85	Tachinid (Diptera, Tachinidae) parasitoids of <i>Lobesia botrana</i> (Denis & amp; SchifferrÃ¼ller, 1775) (Lepidoptera, Tortricidae) and other moths. <i>ZooKeys</i> , 2020, 934, 111-140.	1.1	10
86	Insects and Mites of Medical and Veterinary Importance: A Broad Overview. , 2020, , .		2
87	Encoding lateralization of jump kinematics and eye use in a locust via bio-robotic artifacts. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	41
88	Managing mosquitoes and ticks in a rapidly changing world â€“ Facts and trends. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 921-929.	3.8	30
89	Insecticidal efficacy of the essential oil of jambÃ£ (<i>Acmella oleracea</i> (L.) R.K. Jansen) cultivated in central Italy against filariasis mosquito vectors, houseflies and moth pests. <i>Journal of Ethnopharmacology</i> , 2019, 229, 272-279.	4.1	43
90	Looking for the right mateâ€“What do we really know on the courtship and mating of <i>Lucilia sericata</i> (Meigen)? <i>Acta Tropica</i> , 2019, 189, 145-153.	2.0	14

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91	Insecticidal efficacy of six new pyrrole derivatives against four stored-product pests. <i>Environmental Science and Pollution Research</i> , 2019, 26, 29845-29856.	5.3	15
92	Efficacy of <i>Origanum syriacum</i> Essential Oil against the Mosquito Vector <i>Culex quinquefasciatus</i> and the Gastrointestinal Parasite <i>Anisakis simplex</i> , with Insights on Acetylcholinesterase Inhibition. <i>Molecules</i> , 2019, 24, 2563.	3.8	21
93	Sex Pheromone Aerosol Devices for Mating Disruption: Challenges for a Brighter Future. <i>Insects</i> , 2019, 10, 308.	2.2	55
94	Insights on Funeral Practices and Insects Associated With the Tombs of King Ferrante II d'Aragona and Other Renaissance Nobles. <i>Journal of Medical Entomology</i> , 2019, 56, 1582-1589.	1.8	6
95	Green Micro- and Nanoemulsions for Managing Parasites, Vectors and Pests. <i>Nanomaterials</i> , 2019, 9, 1285.	4.1	107
96	Green Synthesis of Nanomaterials. <i>Nanomaterials</i> , 2019, 9, 1275.	4.1	19
97	Multiple Mating in the Citrophilous Mealybug <i>Pseudococcus calceolariae</i> : Implications for Mating Disruption. <i>Insects</i> , 2019, 10, 285.	2.2	9
98	Plant extracts for developing mosquito larvicides: From laboratory to the field, with insights on the modes of action. <i>Acta Tropica</i> , 2019, 193, 236-271.	2.0	156
99	Rationale for developing novel mosquito larvicides based on isofuranodiene microemulsions. <i>Journal of Pest Science</i> , 2019, 92, 909-921.	3.7	53
100	Carlina oxide from <i>Carlina acaulis</i> root essential oil acts as a potent mosquito larvicide. <i>Industrial Crops and Products</i> , 2019, 137, 356-366.	5.2	55
101	Chemical profiles and insecticidal efficacy of the essential oils from four <i>Thymus taxa</i> growing in central-southern Italy. <i>Industrial Crops and Products</i> , 2019, 138, 111460.	5.2	28
102	In Vitro and In Vivo Effectiveness of Carvacrol, Thymol and Linalool against <i>Leishmania infantum</i> . <i>Molecules</i> , 2019, 24, 2072.	3.8	43
103	Complexity of the relationship between global warming and urbanization – an obscure future for predicting increases in vector-borne infectious diseases. <i>Current Opinion in Insect Science</i> , 2019, 35, 1-9.	4.4	69
104	Innate positive chemotaxis to paeonal from highly attractive Chinese medicinal herbs in the cigarette beetle, <i>Lasioderma serricorne</i> . <i>Scientific Reports</i> , 2019, 9, 6995.	3.3	10
105	Efficacy of Two Monoterpenoids, Carvacrol and Thymol, and Their Combinations against Eggs and Larvae of the West Nile Vector <i>Culex pipiens</i> . <i>Molecules</i> , 2019, 24, 1867.	3.8	54
106	Green nanoemulsion interventions for biopesticide formulations. , 2019, , 133-160.		10
107	Exploring the Insecticidal Potential of Boldo (<i>Peumus boldus</i>) Essential Oil: Toxicity to Pests and Vectors and Non-target Impact on the Microcrustacean <i>Daphnia magna</i> . <i>Molecules</i> , 2019, 24, 879.	3.8	13
108	Optimized pupal age of <i>Tenebrio molitor</i> L. (Coleoptera: Tenebrionidae) enhanced mass rearing efficiency of <i>Chouioia cunea</i> Yang (Hymenoptera: Eulophidae). <i>Scientific Reports</i> , 2019, 9, 3229.	3.3	4

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109	Insecticidal activity of the essential oil and polar extracts from <i>Ocimum gratissimum</i> grown in Ivory Coast: Efficacy on insect pests and vectors and impact on non-target species. <i>Industrial Crops and Products</i> , 2019, 132, 377-385.	5.2	57
110	Fighting fish love robots: mate discrimination in males of a highly territorial fish by using female-mimicking robotic cues. <i>Hydrobiologia</i> , 2019, 833, 185-196.	2.0	26
111	Potential role of the alien planthopper <i>Ricania speculum</i> as vector of <i>Flavescence dorée</i> phytoplasma. <i>European Journal of Plant Pathology</i> , 2019, 154, 1103-1110.	1.7	6
112	Prey selection behaviour in the multicoloured Asian ladybird, <i>Harmonia axyridis</i> (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Jf 50 622 T	1.2	6
113	<i>Origanum syriacum</i> subsp. <i>syriacum</i> : From an ingredient of Lebanese <i>â€˜manousheâ€™</i> ™ to a source of effective and eco-friendly botanical insecticides. <i>Industrial Crops and Products</i> , 2019, 134, 26-32.	5.2	45
114	Biomaterials used in stem cell therapy for spinal cord injury. <i>Progress in Materials Science</i> , 2019, 103, 374-424.	32.8	43
115	Managing the vine mealybug, <i>Planococcus ficus</i> , through pheromone-mediated mating disruption. <i>Environmental Science and Pollution Research</i> , 2019, 26, 10708-10718.	5.3	23
116	Toxicity and oviposition deterrence of essential oils of <i>Clinopodium nubigenum</i> and <i>Lavandula angustifolia</i> against the myiasis-inducing blowfly <i>Lucilia sericata</i> . <i>PLoS ONE</i> , 2019, 14, e0212576.	2.5	22
117	Dynamics of secondary pollen presentation in <i>Campanula medium</i> (Campanulaceae). <i>Journal of Plant Research</i> , 2019, 132, 251-261.	2.4	5
118	Mosquitoes, Infectious Diseases, and Cancer: A Connection to Study?. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4859.	2.6	7
119	Together in the Fight against Arthropod-Borne Diseases: A One Health Perspective. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4876.	2.6	9
120	The functional agrobiodiversity in the Douro demarcated region viticulture: utopia or reality? Arthropods as a case-study <i>â€˜</i> A review. <i>Ciencia E Tecnica Vitivinicola</i> , 2019, 34, 102-114.	0.9	6
121	Revision of ASR hip arthroplasty: analysis of two hundred and ninety six <i>Â</i> recalled patients at seven <i>Â</i> years. <i>International Orthopaedics</i> , 2019, 43, 97-101.	1.9	11
122	Microemulsions for delivery of Apiaceae essential oils <i>â€˜</i> Towards highly effective and eco-friendly mosquito larvicides?. <i>Industrial Crops and Products</i> , 2019, 129, 631-640.	5.2	106
123	Thank you to Klavs Berzins, Editor <i>Acta Tropica</i> . <i>Acta Tropica</i> , 2019, 190, 356.	2.0	0
124	A review on animal <i>â€˜</i> robot interaction: from bio-hybrid organisms to mixed societies. <i>Biological Cybernetics</i> , 2019, 113, 201-225.	1.3	130
125	What do we really know on the harmfulness of <i>Cryptoblabes gnidiella</i> (Milli <i>Â</i> re) to grapevine? From ecology to pest management. <i>Phytoparasitica</i> , 2019, 47, 1-15.	1.2	8
126	Asymmetric courtship boosts male mating success in the red flour beetle, <i>Tribolium castaneum</i> (Herbst) (Coleoptera: Tenebrionidae). <i>Journal of Stored Products Research</i> , 2019, 81, 1-6.	2.6	22

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127	Tacking the vector of <i>Xylella fastidiosa</i> : geo-statistical analysis of long-term field observations on host plants influencing the distribution of <i>Phylaenus spumarius</i> nymphs. <i>Environmental Science and Pollution Research</i> , 2019, 26, 6503-6516.	5.3	10
128	Valorizing industrial hemp (<i>Cannabis sativa</i> L.) by-products: Cannabidiol enrichment in the inflorescence essential oil optimizing sample pre-treatment prior to distillation. <i>Industrial Crops and Products</i> , 2019, 128, 581-589.	5.2	91
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130	Freeze-drying duration influences the amino acid and rutin content in honeybee-collected chestnut pollen. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 252-255.	3.8	12
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132	Evaluation of combined treatment with mineral oil, fenoxycarb and chlorpyrifos against <i>Cydia pomonella</i> , <i>Phyllonorycter blancardella</i> and <i>Synanthedon myopaeformis</i> in apple orchards. <i>Entomologia Generalis</i> , 2019, 39, 117-126.	3.1	11
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135	Swift fabrication of Ag nanostructures using a colloidal solution of <i>Holostemma ada-kodien</i> (Apocynaceae) – Antibiofilm potential, insecticidal activity against mosquitoes and non-target impact on water bugs. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 181, 70-79.	3.8	14
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138	Deinking sludge in the substrate reduces the fertility and enhances the plant species richness of extensive green roofs. <i>Ecological Engineering</i> , 2018, 116, 87-96.	3.6	12
139	Gold nanoparticles fabrication by plant extracts: synthesis, characterization, degradation of 4-nitrophenol from industrial wastewater, and insecticidal activity – A review. <i>Journal of Cleaner Production</i> , 2018, 184, 740-753.	9.3	111
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141	Mode of action of nanoparticles against insects. <i>Environmental Science and Pollution Research</i> , 2018, 25, 12329-12341.	5.3	214
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143	Artificial blood feeders for mosquitoes and ticks – Where from, where to?. <i>Acta Tropica</i> , 2018, 183, 43-56.	2.0	33
144	DNA barcoding of five Japanese encephalitis mosquito vectors (<i>Culex fuscocephala</i> , <i>Culex gelidus</i>), <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50</i>	2.0	21

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149	Olfactory responses of <i>Stegobium paniceum</i> to different Chinese medicinal plant materials and component analysis of volatiles. <i>Journal of Stored Products Research</i> , 2018, 76, 122-128.	2.6	9
150	Toxicity and growth inhibition potential of vetiver, cinnamon, and lavender essential oils and their blends against larvae of the sheep blowfly, <i>Lucilia sericata</i> . <i>International Journal of Dermatology</i> , 2018, 57, 449-457.	1.0	33
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160	Acute and sub-lethal toxicity of eight essential oils of commercial interest against the filariasis mosquito <i>Culex quinquefasciatus</i> and the housefly <i>Musca domestica</i> . <i>Industrial Crops and Products</i> , 2018, 112, 668-680.	5.2	111
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162	Structural characterization of <i>Bacillus licheniformis</i> Dab1 exopolysaccharide – antimicrobial potential and larvicidal activity on malaria and Zika virus mosquito vectors. <i>Environmental Science and Pollution Research</i> , 2018, 25, 18604-18619.	5.3	44

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164	High innate attractiveness to black targets in the blue blowfly, <i>Calliphora vomitoria</i> (L.) (Diptera: Tj ETQq0 0 0 rgBT ₂ Overlock 10 Tf 50 7	2.0	5
165	Beyond mosquitoesâ€”Essential oil toxicity and repellency against bloodsucking insects. <i>Industrial Crops and Products</i> , 2018, 117, 382-392.	5.2	110
166	Identification of highly effective antitrypanosomal compounds in essential oils from the Apiaceae family. <i>Ecotoxicology and Environmental Safety</i> , 2018, 156, 154-165.	6.0	59
167	Transgenic Mosquitoes â€” Fact or Fiction?. <i>Trends in Parasitology</i> , 2018, 34, 456-465.	3.3	58
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173	<i>Zingiber cernuum</i> (Zingiberaceae) essential oil as effective larvicide and oviposition deterrent on six mosquito vectors, with little non-target toxicity on four aquatic mosquito predators. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10307-10316.	5.3	20
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175	Larvicidal activity of the essential oil from <i>Amomum subulatum</i> Roxb. (Zingiberaceae) against <i>Anopheles subpictus</i> , <i>Aedes albopictus</i> and <i>Culex tritaeniorhynchus</i> (Diptera: Culicidae), and non-target impact on four mosquito natural enemies. <i>Physiological and Molecular Plant Pathology</i> , 2018, 101, 219-224.	2.5	31
176	Toxicity and antifeedant activity of <i>Caesalpinia bonduc</i> (L.) Roxb. (Caesalpinaceae) extracts and fractions against the cotton bollworm <i>Helicoverpa armigera</i> Hub. (Lepidoptera: Noctuidae). <i>Physiological and Molecular Plant Pathology</i> , 2018, 101, 69-74.	2.5	16
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180	<i>Sargassum wightii</i> -synthesized ZnO nanoparticles reduce the fitness and reproduction of the malaria vector <i>Anopheles stephensi</i> and cotton bollworm <i>Helicoverpa armigera</i> . <i>Physiological and Molecular Plant Pathology</i> , 2018, 101, 202-213.	2.5	68

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182	Exploiting fruit byproducts for eco-friendly nanosynthesis: <i>Citrus</i> — <i>Âclementina</i> peel extract mediated fabrication of silver nanoparticles with high efficacy against microbial pathogens and rat glial tumor C6 cells. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10250-10263.	5.3	66
183	A novel photo-biological engineering method for <i>Salvia miltiorrhiza</i> -mediated fabrication of silver nanoparticles using LED lights sources and its effectiveness against <i>Aedes aegypti</i> mosquito larvae and microbial pathogens. <i>Physiological and Molecular Plant Pathology</i> , 2018, 101, 178-186.	2.5	9
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185	High toxicity of camphene and \hat{I}^3 -elemene from <i>Wedelia prostrata</i> essential oil against larvae of <i>Spodoptera litura</i> (Lepidoptera: Noctuidae). <i>Environmental Science and Pollution Research</i> , 2018, 25, 10383-10391.	5.3	37
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187	Eco-friendly and cost-effective Ag nanocrystals fabricated using the leaf extract of <i>Habenaria plantaginea</i> : toxicity on six mosquito vectors and four non-target species. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10317-10327.	5.3	19
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189	Development of an eco-friendly mosquitocidal agent from <i>Alangium salvifolium</i> against the dengue vector <i>Aedes aegypti</i> and its biosafety on the aquatic predator. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10340-10352.	5.3	16
190	Control of biting lice, Mallophaga â” a review. <i>Acta Tropica</i> , 2018, 177, 211-219.	2.0	20
191	Does indirect mating trophallaxis boost male mating success and female egg load in Mediterranean fruit flies?. <i>Journal of Pest Science</i> , 2018, 91, 181-188.	3.7	13
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195	Insecticidal effect and impact of fitness of three diatomaceous earths on different maize hybrids for the eco-friendly control of the invasive stored-product pest <i>Prostephanus truncatus</i> (Horn). <i>Environmental Science and Pollution Research</i> , 2018, 25, 10407-10417.	5.3	31
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197	<i>Clausena anisata</i> and <i>Dysphania ambrosioides</i> essential oils: from ethno-medicine to modern uses as effective insecticides. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10493-10503.	5.3	68
198	Bacterial exopolysaccharide (EPS)-coated ZnO nanoparticles showed high antibiofilm activity and larvicidal toxicity against malaria and Zika virus vectors. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 45, 93-103.	3.0	140

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233	Biological therapeutics of Pongamia pinnata coated zinc oxide nanoparticles against clinically important pathogenic bacteria, fungi and MCF-7 breast cancer cells. Microbial Pathogenesis, 2017, 104, 268-277.	2.9	131
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236	An overlooked horticultural crop, <i>Smyrniolobos olusatrum</i> , as a potential source of compounds effective against African trypanosomiasis. <i>Parasitology International</i> , 2017, 66, 146-151.	1.3	23
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491	Field Observations on the Mating Behavior of <i>Aclees</i> sp. cf. <i>foveatus</i> Voss (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Oerlock 10 Tf 50 622	0.7	16
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