

# Giovanni Benelli

## List of Publications by Year in descending order

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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	Essential Oils as Ecofriendly Biopesticides? Challenges and Constraints. Trends in Plant Science, 2016, 21, 1000-1007.	8.8	718
2	Research in mosquito control: current challenges for a brighter future. Parasitology Research, 2015, 114, 2801-2805.	1.6	488
3	Plant-mediated biosynthesis of nanoparticles as an emerging tool against mosquitoes of medical and veterinary importance: a review. Parasitology Research, 2016, 115, 23-34.	1.6	448
4	Declining malaria, rising of dengue and Zika virus: insights for mosquito vector control. Parasitology Research, 2016, 115, 1747-1754.	1.6	437
5	Facile green synthesis of zinc oxide nanoparticles using Ulva lactuca seaweed extract and evaluation of their photocatalytic, antibiofilm and insecticidal activity. Journal of Photochemistry and Photobiology B: Biology, 2018, 178, 249-258.	3.8	295
6	Plant-borne ovicides in the fight against mosquito vectors of medical and veterinary importance: a systematic review. Parasitology Research, 2015, 114, 3201-3212.	1.6	270
7	Biological Control of Mosquito Vectors: Past, Present, and Future. Insects, 2016, 7, 52.	2.2	255
8	Cymbopogon citratus-synthesized gold nanoparticles boost the predation efficiency of copepod Mesocyclops aspericornis against malaria and dengue mosquitoes. Experimental Parasitology, 2015, 153, 129-138.	1.2	230
9	Current vector control challenges in the fight against malaria. Acta Tropica, 2017, 174, 91-96.	2.0	225
10	Green synthesized nanoparticles in the fight against mosquito-borne diseases and cancer—a brief review. Enzyme and Microbial Technology, 2016, 95, 58-68.	3.2	218
11	Mode of action of nanoparticles against insects. Environmental Science and Pollution Research, 2018, 25, 12329-12341.	5.3	214
12	Mosquitocidal and antibacterial activity of green-synthesized silver nanoparticles from Aloe vera extracts: towards an effective tool against the malaria vector Anopheles stephensi?. Parasitology Research, 2015, 114, 1519-1529.	1.6	203
13	Green-synthesized silver nanoparticles as a novel control tool against dengue virus (DEN-2) and its primary vector Aedes aegypti. Parasitology Research, 2015, 114, 3315-3325.	1.6	184
14	Tackling the growing threat of dengue: Phyllanthus niruri-mediated synthesis of silver nanoparticles and their mosquitocidal properties against the dengue vector Aedes aegypti (Diptera: Culicidae). Parasitology Research, 2015, 114, 1551-1562.	1.6	180
15	Characterization and biotoxicity of Hypnea musciformis-synthesized silver nanoparticles as potential eco-friendly control tool against Aedes aegypti and Plutella xylostella. Ecotoxicology and Environmental Safety, 2015, 121, 31-38.	6.0	176
16	Green synthesis of silver, gold and silver/gold bimetallic nanoparticles using the Gloriosa superba leaf extract and their antibacterial and antibiofilm activities. Microbial Pathogenesis, 2016, 101, 1-11.	2.9	176
17	Commentary: Making Green Pesticides Greener? The Potential of Plant Products for Nanosynthesis and Pest Control. Journal of Cluster Science, 2017, 28, 3-10.	3.3	162
18	Tick repellents and acaricides of botanical origin: a green roadmap to control tick-borne diseases?. Parasitology Research, 2016, 115, 2545-2560.	1.6	157

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19	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
20	The essential oil from industrial hemp ( <i>Cannabis sativa</i> L.) by-products as an effective tool for insect pest management in organic crops. <i>Industrial Crops and Products</i> , 2018, 122, 308-315.	5.2	151
21	Exploiting antidiabetic activity of silver nanoparticles synthesized using <i>Punica granatum</i> leaves and anticancer potential against human liver cancer cells (HepG2). <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 211-222.	2.8	148
22	Bio-fabrication of silver nanoparticles using the leaf extract of an ancient herbal medicine, dandelion ( <i>Taraxacum officinale</i> ), evaluation of their antioxidant, anticancer potential, and antimicrobial activity against phytopathogens. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10392-10406.	5.3	147
23	Toxicity of seaweed-synthesized silver nanoparticles against the filariasis vector <i>Culex quinquefasciatus</i> and its impact on predation efficiency of the cyclopoid crustacean <i>Mesocyclops longisetus</i> . <i>Parasitology Research</i> , 2015, 114, 2243-2253.	1.6	144
24	<i>Pimpinella anisum</i> essential oil nanoemulsions against <i>Tribolium castaneum</i> insecticidal activity and mode of action. <i>Environmental Science and Pollution Research</i> , 2018, 25, 18802-18812.	5.3	142
25	Repellence of essential oils and selected compounds against ticks: A systematic review. <i>Acta Tropica</i> , 2018, 179, 47-54.	2.0	141
26	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
27	Mosquito vectors and the spread of cancer: an overlooked connection?. <i>Parasitology Research</i> , 2016, 115, 2131-2137.	1.6	138
28	Eugenol, $\alpha$ -pinene and $\beta$ -caryophyllene from <i>Plectranthus barbatus</i> essential oil as eco-friendly larvicides against malaria, dengue and Japanese encephalitis mosquito vectors. <i>Parasitology Research</i> , 2016, 115, 807-815.	1.6	135
29	Synergized mixtures of Apiaceae essential oils and related plant-borne compounds: Larvicidal effectiveness on the filariasis vector <i>Culex quinquefasciatus</i> Say. <i>Industrial Crops and Products</i> , 2017, 96, 186-195.	5.2	135
30	Biological therapeutics of <i>Pongamia pinnata</i> coated zinc oxide nanoparticles against clinically important pathogenic bacteria, fungi and MCF-7 breast cancer cells. <i>Microbial Pathogenesis</i> , 2017, 104, 268-277.	2.9	131
31	<i>Sargassum muticum</i> -synthesized silver nanoparticles: an effective control tool against mosquito vectors and bacterial pathogens. <i>Parasitology Research</i> , 2015, 114, 4305-4317.	1.6	130
32	A review on animal-robot interaction: from bio-hybrid organisms to mixed societies. <i>Biological Cybernetics</i> , 2019, 113, 201-225.	1.3	130
33	Sexual communication and related behaviours in Tephritidae: current knowledge and potential applications for Integrated Pest Management. <i>Journal of Pest Science</i> , 2014, 87, 385-405.	3.7	128
34	Ethnobotanical knowledge on botanical repellents employed in the African region against mosquito vectors: A review. <i>Experimental Parasitology</i> , 2016, 167, 103-108.	1.2	128
35	Anti-diabetic Potential of Silver Nanoparticles Synthesized with <i>Argyrea nervosa</i> Leaf Extract High Synergistic Antibacterial Activity with Standard Antibiotics Against Foodborne Bacteria. <i>Journal of Cluster Science</i> , 2017, 28, 1709-1727.	3.3	128
36	Acute larvicidal toxicity of five essential oils ( <i>Pinus nigra</i> , <i>Hyssopus officinalis</i> , <i>Satureja montana</i> , ) and their synergistic and antagonistic effects. <i>Parasitology International</i> , 2017, 66, 166-171.	1.3	125

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37	Biopolymer gelatin-coated zinc oxide nanoparticles showed high antibacterial, antibiofilm and anti-angiogenic activity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 178, 211-218.	3.8	120
38	Toxic and repellent activity of selected monoterpenoids (thymol, carvacrol and linalool) against the castor bean tick, <i>Ixodes ricinus</i> (Acari: Ixodidae). <i>Veterinary Parasitology</i> , 2017, 245, 86-91.	1.8	112
39	Green synthesis of silver nanoparticles using <i>Pimpinella anisum</i> ; seeds: antimicrobial activity and cytotoxicity on human neonatal skin stromal cells and colon cancer cells. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 4439-4449.	6.7	111
40	Multipurpose effectiveness of <i>Couroupita guianensis</i> -synthesized gold nanoparticles: high antiplasmodial potential, field efficacy against malaria vectors and synergy with <i>Aplocheilus lineatus</i> predators. <i>Environmental Science and Pollution Research</i> , 2016, 23, 7543-7558.	5.3	111
41	Myco-synthesis of silver nanoparticles using <i>Metarhizium anisopliae</i> against the rural malaria vector <i>Anopheles culicifacies</i> Giles (Diptera: Culicidae). <i>Journal of Pest Science</i> , 2016, 89, 249-256.	3.7	111
42	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
43	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
44	Mosquito control with green nanopesticides: towards the One Health approach? A review of non-target effects. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10184-10206.	5.3	111
45	Hydrothermal synthesis of titanium dioxide nanoparticles: mosquitocidal potential and anticancer activity on human breast cancer cells (MCF-7). <i>Parasitology Research</i> , 2016, 115, 1085-1096.	1.6	110
46	Beyond mosquitoes – Essential oil toxicity and repellency against bloodsucking insects. <i>Industrial Crops and Products</i> , 2018, 117, 382-392.	5.2	110
47	Larvicidal potential of carvacrol and terpinen-4-ol from the essential oil of <i>Origanum vulgare</i> (Lamiaceae) against <i>Anopheles stephensi</i> , <i>Anopheles subpictus</i> , <i>Culex quinquefasciatus</i> and <i>Culex tritaeniorhynchus</i> (Diptera: Culicidae). <i>Research in Veterinary Science</i> , 2016, 104, 77-82.	1.9	108
48	Fern-synthesized nanoparticles in the fight against malaria: LC/MS analysis of <i>Pteridium aquilinum</i> leaf extract and biosynthesis of silver nanoparticles with high mosquitocidal and antiplasmodial activity. <i>Parasitology Research</i> , 2016, 115, 997-1013.	1.6	108
49	Green Micro- and Nanoemulsions for Managing Parasites, Vectors and Pests. <i>Nanomaterials</i> , 2019, 9, 1285.	4.1	107
50	Microemulsions for delivery of Apiaceae essential oils – Towards highly effective and eco-friendly mosquito larvicides?. <i>Industrial Crops and Products</i> , 2019, 129, 631-640.	5.2	106
51	Parasitoid learning: Current knowledge and implications for biological control. <i>Biological Control</i> , 2015, 90, 208-219.	3.0	105
52	±-Humulene and ±-elemene from <i>Syzygium zeylanicum</i> (Myrtaceae) essential oil: highly effective and eco-friendly larvicides against <i>Anopheles subpictus</i> , <i>Aedes albopictus</i> , and <i>Culex tritaeniorhynchus</i> (Diptera: Culicidae). <i>Parasitology Research</i> , 2016, 115, 2771-2778.	1.6	104
53	Green-Synthesis of Selenium Nanoparticles Using Garlic Cloves ( <i>Allium sativum</i> ): Biophysical Characterization and Cytotoxicity on Vero Cells. <i>Journal of Cluster Science</i> , 2017, 28, 551-563.	3.3	104
54	Gold nanoparticles – against parasites and insect vectors. <i>Acta Tropica</i> , 2018, 178, 73-80.	2.0	103

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55	Predation by Asian bullfrog tadpoles, <i>Hoplobatrachus tigerinus</i> , against the dengue vector, <i>Aedes aegypti</i> , in an aquatic environment treated with mosquitocidal nanoparticles. <i>Parasitology Research</i> , 2015, 114, 3601-3610.	1.6	101
56	Biogenic synthesis of gold nanoparticles from <i>Terminalia arjuna</i> bark extract: assessment of safety aspects and neuroprotective potential via antioxidant, anticholinesterase, and anti-amyloidogenic effects. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10418-10433.	5.3	101
57	Old ingredients for a new recipe? Neem cake, a low-cost botanical by-product in the fight against mosquito-borne diseases. <i>Parasitology Research</i> , 2015, 114, 391-397.	1.6	100
58	Therapeutic effects of gold nanoparticles synthesized using <i>Musa paradisiaca</i> peel extract against multiple antibiotic resistant <i>Enterococcus faecalis</i> biofilms and human lung cancer cells (A549). <i>Microbial Pathogenesis</i> , 2017, 102, 173-183.	2.9	100
59	Mosquito vectors of Zika virus. <i>Entomologia Generalis</i> , 2017, 36, 309-318.	3.1	100
60	Management of arthropod vector data – Social and ecological dynamics facing the One Health perspective. <i>Acta Tropica</i> , 2018, 182, 80-91.	2.0	98
61	Eco-friendly larvicides from Indian plants: Effectiveness of lavenderyl acetate and bicyclogermacrene on malaria, dengue and Japanese encephalitis mosquito vectors. <i>Ecotoxicology and Environmental Safety</i> , 2016, 133, 395-402.	6.0	96
62	<i>Oreochromis mossambicus</i> diet supplementation with <i>Psidium guajava</i> leaf extracts enhance growth, immune, antioxidant response and resistance to <i>Aeromonas hydrophila</i> . <i>Fish and Shellfish Immunology</i> , 2016, 58, 572-583.	3.6	95
63	Single-step biosynthesis and characterization of silver nanoparticles using <i>Zornia diphylla</i> leaves: A potent eco-friendly tool against malaria and arbovirus vectors. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 161, 482-489.	3.8	95
64	Eco-friendly control of malaria and arbovirus vectors using the mosquitofish <i>Gambusia affinis</i> and ultra-low dosages of Mimuso-synthesized silver nanoparticles: towards an integrative approach?. <i>Environmental Science and Pollution Research</i> , 2015, 22, 20067-20083.	5.3	94
65	Exploitation of chemical, herbal and nanoformulated acaricides to control the cattle tick, <i>Rhipicephalus (Boophilus) microplus</i> – A review. <i>Veterinary Parasitology</i> , 2017, 244, 102-110.	1.8	94
66	Green synthesis of gold nanoparticles using a cheap <i>Sphaeranthus indicus</i> extract: Impact on plant cells and the aquatic crustacean <i>Artemia nauplii</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 173, 598-605.	3.8	94
67	Neem ( <i>Azadirachta indica</i> ): towards the ideal insecticide?. <i>Natural Product Research</i> , 2017, 31, 369-386.	1.8	94
68	The impact of adult diet on parasitoid reproductive performance. <i>Journal of Pest Science</i> , 2017, 90, 807-823.	3.7	93
69	Seaweed-synthesized silver nanoparticles: an eco-friendly tool in the fight against <i>Plasmodium falciparum</i> and its vector <i>Anopheles stephensi</i> ?. <i>Parasitology Research</i> , 2015, 114, 4087-4097.	1.6	91
70	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
71	Facile biosynthesis of silver nanoparticles using <i>Barleria cristata</i> : mosquitocidal potential and biotoxicity on three non-target aquatic organisms. <i>Parasitology Research</i> , 2016, 115, 925-935.	1.6	90
72	<i>Guazuma ulmifolia</i> bark-synthesized Ag, Au and Ag/Au alloy nanoparticles: Photocatalytic potential, DNA/protein interactions, anticancer activity and toxicity against 14 species of microbial pathogens. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 167, 189-199.	3.8	89

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73	Larvicidal and ovideterrent properties of neem oil and fractions against the filariasis vector <i>Aedes albopictus</i> (Diptera: Culicidae): a bioactivity survey across production sites. <i>Parasitology Research</i> , 2015, 114, 227-236.	1.6	87
74	Green synthesis and characterization of silver nanoparticles fabricated using <i>Anisomeles indica</i> : Mosquitocidal potential against malaria, dengue and Japanese encephalitis vectors. <i>Experimental Parasitology</i> , 2016, 161, 40-47.	1.2	86
75	Impact of mass-rearing on the host seeking behaviour and parasitism by the fruit fly parasitoid <i>Psytalia concolor</i> (Szpliget) (Hymenoptera: Braconidae). <i>Journal of Pest Science</i> , 2012, 85, 65-74.	3.7	84
76	Chemical composition, toxicity and non-target effects of <i>Pinus kesiya</i> essential oil: An eco-friendly and novel larvicide against malaria, dengue and lymphatic filariasis mosquito vectors. <i>Ecotoxicology and Environmental Safety</i> , 2016, 129, 85-90.	6.0	84
77	Efficacy of sea fennel ( <i>Crithmum maritimum</i> L., Apiaceae) essential oils against <i>Culex quinquefasciatus</i> Say and <i>Spodoptera littoralis</i> (Boisd.). <i>Industrial Crops and Products</i> , 2017, 109, 603-610.	5.2	83
78	Synthetic Grape Volatiles Attract Mated <i>Lobesia botrana</i> Females in Laboratory and Field Bioassays. <i>Journal of Chemical Ecology</i> , 2009, 35, 1054-1062.	1.8	82
79	Larvicidal and repellent activity of <i>Hyptis suaveolens</i> (Lamiaceae) essential oil against the mosquito <i>Aedes albopictus</i> Skuse (Diptera: Culicidae). <i>Parasitology Research</i> , 2012, 110, 2013-2021.	1.6	82
80	Weed-insect pollinator networks as bio-indicators of ecological sustainability in agriculture. A review. <i>Agronomy for Sustainable Development</i> , 2016, 36, 1.	5.3	82
81	Fighting arboviral diseases: low toxicity on mammalian cells, dengue growth inhibition (in vitro), and mosquitocidal activity of <i>Centroceras clavulatum</i> -synthesized silver nanoparticles. <i>Parasitology Research</i> , 2016, 115, 651-662.	1.6	82
82	One-pot fabrication of silver nanocrystals using <i>Nicandra physalodes</i> : A novel route for mosquito vector control with moderate toxicity on non-target water bugs. <i>Research in Veterinary Science</i> , 2016, 107, 95-101.	1.9	79
83	Not just popular spices! Essential oils from <i>Cuminum cyminum</i> and <i>Pimpinella anisum</i> are toxic to insect pests and vectors without affecting non-target invertebrates. <i>Industrial Crops and Products</i> , 2018, 124, 236-243.	5.2	79
84	Green engineered biomolecule-capped silver and copper nanohybrids using <i>Prosopis cineraria</i> leaf extract: Enhanced antibacterial activity against microbial pathogens of public health relevance and cytotoxicity on human breast cancer cells (MCF-7). <i>Microbial Pathogenesis</i> , 2017, 105, 86-95.	2.9	77
85	Toxicity of some essential oil formulations against the Mediterranean fruit fly <i>Ceratitis capitata</i> (Wiedemann) (Diptera Tephritidae). <i>Crop Protection</i> , 2012, 42, 223-229.	2.1	76
86	Biopolymer zein-coated gold nanoparticles: Synthesis, antibacterial potential, toxicity and histopathological effects against the Zika virus vector <i>Aedes aegypti</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 173, 404-411.	3.8	75
87	What makes an effective Chagas disease vector? Factors underlying <i>Trypanosoma cruzi</i> -triatomine interactions. <i>Acta Tropica</i> , 2018, 183, 23-31.	2.0	75
88	<i>Leishmania infantum</i> and <i>Dirofilaria immitis</i> infections in Italy, 2009–2019: changing distribution patterns. <i>Parasites and Vectors</i> , 2020, 13, 193.	2.5	75
89	Hormesis and insects: Effects and interactions in agroecosystems. <i>Science of the Total Environment</i> , 2022, 825, 153899.	8.0	74
90	Earthworm-mediated synthesis of silver nanoparticles: A potent tool against hepatocellular carcinoma, <i>Plasmodium falciparum</i> parasites and malaria mosquitoes. <i>Parasitology International</i> , 2016, 65, 276-284.	1.3	73

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91	Nanoparticles for mosquito control: Challenges and constraints. <i>Journal of King Saud University - Science</i> , 2017, 29, 424-435.	3.5	73
92	Cannabis sativa and Humulus lupulus essential oils as novel control tools against the invasive mosquito <i>Aedes albopictus</i> and fresh water snail <i>Physella acuta</i> . <i>Industrial Crops and Products</i> , 2016, 85, 318-323.	5.2	72
93	Artemisia absinthium-borne compounds as novel larvicides: effectiveness against six mosquito vectors and acute toxicity on non-target aquatic organisms. <i>Parasitology Research</i> , 2016, 115, 4649-4661.	1.6	72
94	Nanoparticles as effective acaricides against ticks—A review. <i>Ticks and Tick-borne Diseases</i> , 2017, 8, 821-826.	2.7	72
95	The crop-residue of fiber hemp cv. Futura 75: from a waste product to a source of botanical insecticides. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10515-10525.	5.3	72
96	In vivo and in vitro effectiveness of Azadirachta indica-synthesized silver nanocrystals against Plasmodium berghei and Plasmodium falciparum, and their potential against malaria mosquitoes. <i>Research in Veterinary Science</i> , 2016, 106, 14-22.	1.9	71
97	Larvicidal and repellent activity of the essential oil of Coriandrum sativum L. (Apiaceae) fruits against the filariasis vector Aedes albopictus Skuse (Diptera: Culicidae). <i>Parasitology Research</i> , 2013, 112, 1155-1161.	1.6	69
98	One-pot green synthesis of silver nanocrystals using Hymenodictyon orixense: a cheap and effective tool against malaria, chikungunya and Japanese encephalitis mosquito vectors?. <i>RSC Advances</i> , 2016, 6, 59021-59029.	3.6	69
99	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
100	One-step synthesis of polydispersed silver nanocrystals using Malva sylvestris: an eco-friendly mosquito larvicide with negligible impact on non-target aquatic organisms. <i>Parasitology Research</i> , 2016, 115, 2685-2695.	1.6	68
101	Sargassum wightii -synthesized ZnO nanoparticles reduce the fitness and reproduction of the malaria vector Anopheles stephensi and cotton bollworm Helicoverpa armigera. <i>Physiological and Molecular Plant Pathology</i> , 2018, 101, 202-213.	2.5	68
102	Clausena anisata and Dysphania ambrosioides 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
103	Mosquitocidal essential oils: are they safe against non-target aquatic organisms?. <i>Parasitology Research</i> , 2014, 113, 251-259.	1.6	67
104	Application of ethnobotanical repellents and acaricides in prevention, control and management of livestock ticks: A review. <i>Research in Veterinary Science</i> , 2016, 109, 1-9.	1.9	67
105	Larvicidal and repellent potential of Zingiber nimmonii (J. Graham) Dalzell (Zingiberaceae) essential oil: an eco-friendly tool against malaria, dengue, and lymphatic filariasis mosquito vectors?. <i>Parasitology Research</i> , 2016, 115, 1807-1816.	1.6	67
106	(Z)-9-tricosene identified in rectal gland extracts of Bactrocera oleae males: first evidence of a male-produced female attractant in olive fruit fly. <i>Die Naturwissenschaften</i> , 2012, 99, 77-81.	1.6	66
107	Semiochemical Strategies for Tortricid Moth Control in Apple Orchards and Vineyards in Italy. <i>Journal of Chemical Ecology</i> , 2016, 42, 571-583.	1.8	66
108	Exploiting fruit byproducts for eco-friendly nanosynthesis: Citrus—Clementina 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

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109	Toxicity of herbal extracts used in ethno-veterinary medicine and green-encapsulated ZnO nanoparticles against <i>Aedes aegypti</i> and microbial pathogens. <i>Parasitology Research</i> , 2017, 116, 1637-1651.	1.6	65
110	Eco-friendly fabrication of Ag nanostructures using the seed extract of <i>Pedaliu murex</i> , an ancient Indian medicinal plant: Histopathological effects on the Zika virus vector <i>Aedes aegypti</i> and inhibition of biofilm-forming pathogenic bacteria. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 174, 133-143.	3.8	65
111	Plant-borne compounds and nanoparticles: challenges for medicine, parasitology and entomology. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10149-10150.	5.3	64
112	<i>Suaeda maritima</i> -based herbal coils and green nanoparticles as potential biopesticides against the dengue vector <i>Aedes aegypti</i> and the tobacco cutworm <i>Spodoptera litura</i> . <i>Physiological and Molecular Plant Pathology</i> , 2018, 101, 225-235.	2.5	64
113	Nanoparticles in the fight against mosquito-borne diseases: bioactivity of <i>Bruguiera cylindrica</i> -synthesized nanoparticles against dengue virus DEN-2 (in vitro) and its mosquito vector <i>Aedes aegypti</i> (Diptera: Culicidae). <i>Parasitology Research</i> , 2015, 114, 4349-4361.	1.6	63
114	Bio-physical Characterization of Poly-dispersed Silver Nanocrystals Fabricated Using <i>Carissa spinarum</i> : A Potent Tool Against Mosquito Vectors. <i>Journal of Cluster Science</i> , 2016, 27, 745-761.	3.3	63
115	A Facile One-Pot Synthesis of Eco-Friendly Nanoparticles Using <i>Carissa carandas</i> : Ovicidal and Larvicidal Potential on Malaria, Dengue and Filariasis Mosquito Vectors. <i>Journal of Cluster Science</i> , 2017, 28, 15-36.	3.3	63
116	Toxicity on Dengue Mosquito Vectors Through <i>Myristica fragrans</i> -Synthesized Zinc Oxide Nanorods, and Their Cytotoxic Effects on Liver Cancer Cells (HepG2). <i>Journal of Cluster Science</i> , 2017, 28, 205-226.	3.3	63
117	Control of dengue and Zika virus vector <i>Aedes aegypti</i> using the predatory copepod <i>Megacyclops formosanus</i> : Synergy with <i>Hedychium coronarium</i> -synthesized silver nanoparticles and related histological changes in targeted mosquitoes. <i>Chemical Engineering Research and Design</i> , 2017, 109, 82-96.	5.6	62
118	Biocompatible properties of nano-drug carriers using TiO <sub>2</sub> -Au embedded on multiwall carbon nanotubes for targeted drug delivery. <i>Materials Science and Engineering C</i> , 2018, 90, 589-601.	7.3	62
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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