

# Pari Madhiyazhagan

## List of Publications by Year in descending order

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37  
papers

2,552  
citations

236925  
25  
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330143  
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times ranked

1729  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cymbopogon citratus-synthesized gold nanoparticles boost the predation efficiency of copepod <i>Mesocyclops aspericornis</i> against malaria and dengue mosquitoes. <i>Experimental Parasitology</i> , 2015, 153, 129-138.	1.2	230
2	Mosquitocidal and antibacterial activity of green-synthesized silver nanoparticles from Aloe vera extracts: towards an effective tool against the malaria vector <i>Anopheles stephensi</i> ?. <i>Parasitology Research</i> , 2015, 114, 1519-1529.	1.6	203
3	Green-synthesized silver nanoparticles as a novel control tool against dengue virus (DEN-2) and its primary vector <i>Aedes aegypti</i> . <i>Parasitology Research</i> , 2015, 114, 3315-3325.	1.6	184
4	Characterization and biotoxicity of <i>Hypnea musciformis</i> -synthesized silver nanoparticles as potential eco-friendly control tool against <i>Aedes aegypti</i> and <i>Plutella xylostella</i> . <i>Ecotoxicology and Environmental Safety</i> , 2015, 121, 31-38.	6.0	176
5	<i>S argassum 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
6	Green Synthesis of Silver Nanoparticles for the Control of Mosquito Vectors of Malaria, Filariasis, and Dengue. <i>Vector-Borne and Zoonotic Diseases</i> , 2012, 12, 262-268.	1.5	115
7	Multipurpose effectiveness of <i>Couroupita guianensis</i> -synthesized gold nanoparticles: high antiparasitoid 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
8	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
9	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 antiparasitoid activity. <i>Parasitology Research</i> , 2016, 115, 997-1013.	1.6	108
10	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
11	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
12	Eco-friendly control of malaria and arbovirus vectors using the mosquitofish <i>Gambusia affinis</i> and ultra-low dosages of <i>Mimosa pudica</i> -synthesized silver nanoparticles: towards an integrative approach?. <i>Environmental Science and Pollution Research</i> , 2015, 22, 20067-20083.	5.3	94
13	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
14	Fighting arboviral diseases: low toxicity on mammalian cells, dengue growth inhibition (in vitro), and mosquitocidal activity of <i>Centrocercus clavulatus</i> -synthesized silver nanoparticles. <i>Parasitology Research</i> , 2016, 115, 651-662.	1.6	82
15	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
16	In vivo and in vitro effectiveness of <i>Azadirachta indica</i> -synthesized silver nanocrystals against <i>Plasmodium berghei</i> and <i>Plasmodium falciparum</i> , and their potential against malaria mosquitoes. <i>Research in Veterinary Science</i> , 2016, 106, 14-22.	1.9	71
17	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
18	Characterization and mosquitocidal potential of neem cake-synthesized silver nanoparticles: genotoxicity and impact on predation efficiency of mosquito natural enemies. <i>Parasitology Research</i> , 2016, 115, 1015-1025.	1.6	58

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19	Eco-friendly drugs from the marine environment: spongweed-synthesized silver nanoparticles are highly effective on Plasmodium falciparum and its vector Anopheles stephensi, with little non-target effects on predatory copepods. Environmental Science and Pollution Research, 2016, 23, 16671-16685.	5.3	56
20	Biosynthesis, mosquitocidal and antibacterial properties of Toddalia asiatica-synthesized silver nanoparticles: do they impact predation of guppy Poecilia reticulata against the filariasis mosquito Culex quinquefasciatus?. Environmental Science and Pollution Research, 2015, 22, 17053-17064.	5.3	53
21	Biosynthesis, characterization, and acute toxicity of Berberis tinctoria-fabricated silver nanoparticles against the Asian tiger mosquito, Aedes albopictus, and the mosquito predators Toxorhynchites splendens and Mesocyclops thermocyclopoides. Parasitology Research, 2016, 115, 751-759.	1.6	53
22	Datura metel-synthesized silver nanoparticles magnify predation of dragonfly nymphs against the malaria vector Anopheles stephensi. Parasitology Research, 2015, 114, 4645-4654.	1.6	52
23	Aristolochia indica green-synthesized silver nanoparticles: A sustainable control tool against the malaria vector Anopheles stephensi?. Research in Veterinary Science, 2015, 102, 127-135.	1.9	43
24	Carbon and silver nanoparticles in the fight against the filariasis vector Culex quinquefasciatus: genotoxicity and impact on behavioral traits of non-target aquatic organisms. Parasitology Research, 2016, 115, 1071-1083.	1.6	39
25	One pot synthesis of silver nanocrystals using the seaweed Gracilaria edulis: biophysical characterization and potential against the filariasis vector Culex quinquefasciatus and the midge Chironomus circumdatus. Journal of Applied Phycology, 2017, 29, 649-659.	2.8	26
26	Rapid biosynthesis of silver nanoparticles using Crotalaria verrucosa leaves against the dengue vector Aedes aegypti: what happens around? An analysis of dragonfly predatory behaviour after exposure at ultra-low doses. Natural Product Research, 2016, 30, 826-833.	1.8	21
27	Mosquitocidal and water purification properties of Cynodon dactylon, Aloe vera, Hemidesmus indicus and Coleus amboinicus leaf extracts against the mosquito vectors. Parasitology Research, 2012, 110, 1435-1443.	1.6	20
28	Genetic deviation in geographically close populations of the dengue vector Aedes aegypti (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 1149-1160.	1.6	18
29	Green-synthesised nanoparticles from Melia azedarach seeds and the cyclopoid crustacean Cyclops vernalis: an eco-friendly route to control the malaria vector Anopheles stephensi?. Natural Product Research, 2016, 30, 2077-2084.	1.8	16
30	Neem by-products in the fight against mosquito-borne diseases: Biototoxicity of neem cake fractions towards the rural malaria vector Anopheles culicifacies (Diptera: Culicidae). Asian Pacific Journal of Tropical Biomedicine, 2016, 6, 472-476.	1.2	13
31	Laboratory and field efficacy of Pedalium murex and predatory copepod, Mesocyclops longisetus on rural malaria vector, Anopheles culicifacies. Asian Pacific Journal of Tropical Disease, 2013, 3, 111-118.	0.5	10
32	Extraction of mosquitocidals from Ocimum canum leaves for the control of dengue and malarial vectors. Asian Pacific Journal of Tropical Disease, 2014, 4, S549-S555.	0.5	8
33	Neem cake as a promising larvicide and adulticide against the rural malaria vector Anopheles culicifacies (Diptera: Culicidae): a HPTLC fingerprinting approach. Natural Product Research, 2017, 31, 1185-1190.	1.8	8
34	Pedilanthus tithymaloides (Euphorbiaceae) Leaf Extract Phytochemicals: Toxicity to the Filariasis Vector Culex quinquefasciatus (Diptera: Culicidae). Vector-Borne and Zoonotic Diseases, 2010, 10, 817-820.	1.5	6
35	Mosquitocidal and water purification properties of Ocimum sanctum and Phyllanthus emblica. Journal of Entomological and Acarological Research, 2012, 44, 17.	0.7	6
36	Do Nanomosquitocides Impact Predation of Mesocyclops edax Copepods Against Anopheles stephensi Larvae?. Parasitology Research Monographs, 2016, , 173-190.	0.3	2

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37	Phytochemical and synergism of plant and Microbial Insecticides to eliminate <i>Earias vittella</i> Gut Epithelial Cells. International Journal of Pharma and Bio Sciences, 2022, 12, .	0.1	0