

# Ramasamy Palaniappan

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

1,755  
citations

361413

20  
h-index

276875

41  
g-index

57  
all docs

57  
docs citations

57  
times ranked

1908  
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of pathogenic <i>Vibrio</i> spp. by <i>Bacillus subtilis</i> BT23, a possible probiotic treatment for black tiger shrimp <i>Penaeus monodon</i> . <i>Letters in Applied Microbiology</i> , 2003, 36, 83-87.	2.2	284
2	White spot syndrome virus infection decreases the activity of antioxidant enzymes in <i>Fenneropenaeus indicus</i> . <i>Virus Research</i> , 2006, 115, 69-75.	2.2	143
3	Antibacterial activity of silver nanoparticles (AgNps) synthesized by tea leaf extracts against pathogenic <i>Vibrio harveyi</i> and its protective efficacy on juvenile <i>Fenneropenaeus indicus</i> . <i>Letters in Applied Microbiology</i> , 2010, 50, 352-356.	2.2	112
4	In vitro susceptibility of antibiotics against <i>Vibrio</i> spp. and <i>Aeromonas</i> spp. isolated from <i>Penaeus monodon</i> hatcheries and ponds. <i>International Journal of Antimicrobial Agents</i> , 2005, 26, 285-291.	2.5	103
5	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
6	Antiviral activity of bis(2-methylheptyl)phthalate isolated from <i>Pongamia pinnata</i> leaves against White Spot Syndrome Virus of <i>Penaeus monodon</i> Fabricius. <i>Virus Research</i> , 2007, 126, 38-44.	2.2	84
7	Chitosan coated Ag/ZnO nanocomposite and their antibiofilm, antifungal and cytotoxic effects on murine macrophages. <i>Microbial Pathogenesis</i> , 2016, 100, 124-132.	2.9	83
8	Abundance of potentially pathogenic micro-organisms in <i>Penaeus monodon</i> larvae rearing systems in India. <i>Microbiological Research</i> , 2003, 158, 299-308.	5.3	60
9	Antioxidant and membrane bound enzymes activity in WSSV-infected <i>Penaeus monodon</i> Fabricius. <i>Aquaculture</i> , 2006, 254, 32-39.	3.5	58
10	Microhabitats of gill parasites (Monogenea and copepoda) of teleosts ( <i>Scomberoides</i> spp.). <i>International Journal for Parasitology</i> , 1985, 15, 385-397.	3.1	51
11	Bioinspired Zinc Oxide Nanoparticles Using <i>Lycopersicon esculentum</i> for Antimicrobial and Anticancer Applications. <i>Journal of Cluster Science</i> , 2019, 30, 1465-1479.	3.3	50
12	White spot baculovirus syndrome in the Indian shrimp <i>Penaeus monodon</i> and <i>P. indicus</i> . <i>Aquaculture</i> , 2000, 184, 31-44.	3.5	48
13	PCR-based detection of white spot syndrome virus in cultured and captured crustaceans in India. <i>Letters in Applied Microbiology</i> , 2003, 37, 443-447.	2.2	46
14	<i>Fasciola gigantica</i> : tegumental surface alterations following treatment in vitro with the sulphoxide metabolite of triclabendazole. <i>Parasitology Research</i> , 2002, 88, 315-325.	1.6	42
15	Activities of membrane bound phosphatases, transaminases and mitochondrial enzymes in white spot syndrome virus infected tissues of <i>Fenneropenaeus indicus</i> . <i>Virus Research</i> , 2006, 118, 130-135.	2.2	31
16	Effect of probiotics, antibiotic sensitivity, pathogenicity, and plasmid profiles of <i>Listonella anguillarum</i> -like bacteria isolated from <i>Penaeus monodon</i> culture systems. <i>Aquaculture</i> , 2004, 241, 77-91.	3.5	30
17	Assessment of biopolymer stabilized silver nanoparticle for their ecotoxicity on <i>Ceriodaphnia cornuta</i> and antibiofilm activity. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 2076-2083.	6.7	30
18	Antibacterial activity of <i>Allium sativum</i> against multidrug-resistant <i>Vibrio harveyi</i> isolated from black gill-diseased <i>Fenneropenaeus indicus</i> . <i>Aquaculture International</i> , 2011, 19, 531-539.	2.2	26

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19	Chitin and Chitinases: Biomedical And Environmental Applications of Chitin and its Derivatives. Journal of Enzymes, 2018, 1, 20-43.	0.7	26
20	The surface topography and ultrastructure of the tegument and haptor of <i>Pricea multae</i> (Monogenea). International Journal for Parasitology, 1986, 16, 581-589.	3.1	22
21	Morphological characterization and biocontrol effects of <i>Vibrio vulnificus</i> phages against <i>Vibriosis</i> in the shrimp aquaculture environment. Microbial Pathogenesis, 2017, 111, 472-480.	2.9	20
22	Influence of acute salinity changes on biochemical, hematological and immune characteristics of <i>Fenneropenaeus indicus</i> during white spot syndrome virus challenge. Microbiology and Immunology, 2013, 57, 463-469.	1.4	19
23	Scanning and transmission electron microscopic studies of the surface of <i>Vallisia indica</i> (Monogenea, Polyopisthocotylea). International Journal for Parasitology, 1987, 17, 1187-1195.	3.1	18
24	A record and prevalence of <i>Monodon baculovirus</i> from postlarval <i>Penaeus monodon</i> in Madras, India. Aquaculture, 1995, 130, 129-135.	3.5	18
25	Ultrastructure of the surface structures of <i>Allodiscocotyla diacanthi</i> (Polyopisthocotylea: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Parasitology, 1995, 25, 43-54.	3.1	15
26	Ultrastructure of the surface structures and haptor of <i>Empleurosoma pyriforme</i> (Ancyrocephalinae: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Research, 2000, 86, 129-139.	1.6	14
27	Green larvicides against blowflies, <i>Lucilia sericata</i> (Diptera, Calliphoridae): Screening of seven plants used in Indian ethno-veterinary medicine and production of green-coated zinc oxide Nanoparticles. Physiological and Molecular Plant Pathology, 2018, 101, 214-218.	2.5	14
28	Volatile Organic Compounds as Potential Biomarkers for Noninvasive Disease Detection by Nanosensors: A Comprehensive Review. Critical Reviews in Analytical Chemistry, 2023, 53, 1828-1839.	3.5	14
29	The surface topography of <i>Bicotyle vellavoli</i> (Monogenea) from the gills of <i>Pampus chinensis</i> . International Journal for Parasitology, 1986, 16, 591-594.	3.1	13
30	Ultrastructure and pathogenesis of <i>Monodon baculovirus</i> (Pm SNPV) in cultured larvae and natural brooders of <i>Penaeus monodon</i> . Aquaculture, 2000, 184, 45-66.	3.5	13
31	N-acyl-homoserine lactone mediated virulence factor(s) of <i>Pseudomonas aeruginosa</i> inhibited by flavonoids and isoflavonoids. Process Biochemistry, 2022, 116, 84-93.	3.7	13
32	The surface topography of <i>Pseudothoracocotyla indica</i> (Unnithan, 1956) (Monogenea) from the gills of <i>Scomberomorus commerson</i> . Zeitschrift für Parasitenkunde (Berlin, Germany), 1985, 71, 575-581.	0.8	12
33	The surface topography of <i>Gotocotyla secunda</i> and <i>Gotocotyla bivaginalis</i> (monogenea,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 19, 63-69.	3.1	12
34	Ultrastructure of the surface structures and electron immunogold labeling of peptide immunoreactivity in the nervous system of <i>Pseudothoracocotyla indica</i> (Polyopisthocotylea: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 137	1.6	12
35	Muscle degeneration associated with cotton shrimp disease of <i>Penaeus indicus</i> . Journal of Fish Diseases, 2000, 23, 77-81.	1.9	12
36	The occurrence, site specificity and frequency distribution of <i>Bicotyle vellavoli</i> on <i>Pampus chinensis</i> and <i>Pampus argenteus</i> . International Journal for Parasitology, 1989, 19, 761-767.	3.1	11

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37	The ultrastructure of the tegument and clamp attachment organ of <i>Gotocotyla bivaginalis</i> (Monogenea, polyopisthocotylea). <i>International Journal for Parasitology</i> , 1993, 23, 213-220.	3.1	11
38	Bio-Fabrication of Human Amniotic Membrane Zinc Oxide Nanoparticles and the Wet/Dry HAM Dressing Membrane for Wound Healing. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 695710.	4.1	11
39	The surface topography of a monogenean <i>Heterapta chorinemi</i> from the gills of <i>Scomberoides commersonianus</i> . <i>International Journal for Parasitology</i> , 1986, 16, 595-600.	3.1	10
40	<i>Lagenidium callinectes</i> (Couch, 1942) infection and its control in cultured larval Indian tiger prawn, <i>Penaeus monodon</i> Fabricius. <i>Journal of Fish Diseases</i> , 1996, 19, 75-82.	1.9	9
41	The major tegumental antigen of <i>Fasciola hepatica</i> contains repeated elements. <i>Parasitology</i> , 2000, 121, 185-191.	1.5	9
42	Protein expression in white spot syndrome virus infected <i>Penaeus monodon</i> fabricius. <i>Virus Research</i> , 2005, 110, 133-141.	2.2	8
43	Inhibitory activity of essential oils from medicinal plants against <i>Pseudomonas</i> sp. isolated from aquatic environments. <i>Aquaculture Research</i> , 2013, 45, 97-105.	1.8	8
44	Ultrastructure of the gut caecal epithelium of <i>Pricea multae</i> (Monogenea: Polyopisthocotylea). <i>Parasitology Research</i> , 1996, 82, 312-318.	1.6	7
45	Comprehensive Analysis of SARS-COV-2 Drug Targets and Pharmacological Aspects in Treating the COVID-19. <i>Current Molecular Pharmacology</i> , 2022, 15, 393-417.	1.5	6
46	Stabilization of the egg-shell of a monogenean <i>Dionchus remorae</i> . <i>Experientia</i> , 1984, 40, 839-840.	1.2	4
47	Studies on the chemical nature of the cyst wall of <i>Microphallus madrasensis</i> . <i>Journal of Helminthology</i> , 1991, 65, 111-119.	1.0	4
48	Ultrastructure of the digestive and protonephridial systems of the metacercaria of <i>Euclinostomum multicaecum</i> . <i>Journal of Helminthology</i> , 1998, 72, 243-249.	1.0	3
49	TOXICITY OF ATRAZINE AND RELATED TO TESTICULAR, TISSUE DAMAGING ENZYME LEVELS IN <i>POECILIA SPHENOPS</i> . <i>International Journal of Current Pharmaceutical Research</i> , 2018, 10, 75.	0.2	3
50	Effect of Water Exchange to Eliminate <i>Vibrio</i> sp. During the Naupliar Development of <i>Artemia franciscana</i> . <i>Journal of Fisheries and Aquatic Science</i> , 2012, 7, 205-214.	0.1	3
51	Therapeutic Efficacy of Bacteriophages. , 0, , .		2
52	A Novel Prototype Biosensor Array Electrode System for Detecting the Bacterial Pathogen <i>Salmonella typhimurium</i> . <i>Biosensors</i> , 2022, 12, 389.	4.7	2
53	Phage Therapy for Control of Bacterial Diseases. , 0, , .		1
54	Thermophilic Bacteria as a Source of Novel Polymers for Biotechnological Applications. <i>Journal of Advances in Biology &amp; Biotechnology</i> , 2016, 6, 1-16.	0.2	1

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55	Advances and Trends in Biotechnology and Genetics Vol. 3. , 2019, , .		0
56	Influence of acute salinity changes on biochemical, hematological and immune indices of <i>Fenneropenaeus indicus</i> during white spot syndrome virus (WSSV) challenges. Microbiology and Immunology, 2013, , 000-000.	1.4	0