Ramasamy Palaniappan

List of Publications by Year
in descending order

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	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
2	Comprehensive Analysis of SARS-COV-2 Drug Targets and Pharmacological Aspects in Treating the COVID-19. Current Molecular Pharmacology, 2022, 15, 393-417.	1.5	6
3	N-acyl-homoserine lactone mediated virulence factor(s) of Pseudomonas aeruginosa inhibited by flavonoids and isoflavonoids. Process Biochemistry, 2022, 116, 84-93.	3.7	13
4	A Novel Prototype Biosensor Array Electrode System for Detecting the Bacterial Pathogen Salmonella typhimurium. Biosensors, 2022, 12, 389.	4.7	2
5	Bio-Fabrication of Human Amniotic Membrane Zinc Oxide Nanoparticles and the Wet/Dry HAM Dressing Membrane for Wound Healing. Frontiers in Bioengineering and Biotechnology, 2021, 9, 695710.	4.1	11
6	Bioinspired Zinc Oxide Nanoparticles Using Lycopersicon esculentum for Antimicrobial and Anticancer Applications. Journal of Cluster Science, 2019, 30, 1465-1479.	3.3	50
7	Advances and Trends in Biotechnology and Genetics Vol. 3. , 2019, , .		0
8	Green larvicides against blowflies, Lucilia sericata (Diptera, Calliphoridae): Screening of seven plants used in Indian ethno-veterinary medicine and production of green-coated zinc oxideÂnanoparticles. Physiological and Molecular Plant Pathology, 2018, 101, 214-218.	2.5	14
9	TOXICITY OF ATRAZINE AND RELATED TO TESTICULAR, TISSUE DAMAGING ENZYME LEVELS IN POECILIA SPHENOPS. International Journal of Current Pharmaceutical Research, 2018, 10, 75.	0.2	3
10	Chitin and Chitinases: Biomedical And Environmental Applications of Chitin and its Derivatives. Journal of Enzymes, 2018, 1, 20-43.	0.7	26
11	Morphological characterization and biocontrol effects of Vibrio vulnificus phages against Vibriosis in the shrimp aquaculture environment. Microbial Pathogenesis, 2017, 111, 472-480.	2.9	20
12	Exploitation of chemical, herbal and nanoformulated acaricides to control the cattle tick, Rhipicephalus (Boophilus) microplus â€“ A review. Veterinary Parasitology, 2017, 244, 102-110.	1.8	94
13	Chitosan coated Ag/ZnO nanocomposite and their antibiofilm, antifungal and cytotoxic effects on murine macrophages. Microbial Pathogenesis, 2016, 100, 124-132.	2.9	83
14	Assessment of biopolymer stabilized silver nanoparticle for their ecotoxicity on Ceriodaphnia cornuta and antibiofilm activity. Journal of Environmental Chemical Engineering, 2016, 4, 2076-2083.	6.7	30
15	Thermophilic Bacteria as a Source of Novel Polymers for Biotechnological Applications. Journal of Advances in Biology & Biotechnology, 2016, 6, 1-16.	0.2	1
16	Inhibitory activity of essential oils from medicinal plants againstPseudomonassp. isolated from aquatic environments. Aquaculture Research, 2013, 45, 97-105.	1.8	8
17	Influence of acute salinity changes on biochemical, hematological and immune characteristics of Fenneropenaeus indicus during white spot syndrome virus challenge. Microbiology and Immunology, 2013, 57, 463-469.	1.4	19
18	Influence of acute salinity changes on biochemical, hematological and immune indices ofFenneropenaeus indicusduring white spot syndrome virus (WSSV) challenges. Microbiology and Immunology, 2013, , 000-000.	1.4	0

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19	Effect of Water Exchange to Eliminate Vibrio sp. During the Naupliar Development of Artemia franciscana. Journal of Fisheries and Aquatic Science, 2012, 7, 205-214.	0.1	3
20	Antibacterial activity of Allium sativum against multidrug-resistant Vibrio harveyi isolated from black gillâ€“diseased Fenneropenaeus indicus. Aquaculture International, 2011, 19, 531-539.	2.2	26
21	Antibacterial activity of silver nanoparticles (AgNps) synthesized by tea leaf extracts against pathogenicVibrio harveyiand its protective efficacy on juvenileFeneropenaeus indicus. Letters in Applied Microbiology, 2010, 50, 352-356.	2.2	112
22	Antiviral activity of bis(2-methylheptyl)phthalate isolated from Pongamia pinnata leaves against White Spot Syndrome Virus of Penaeus monodon Fabricius. Virus Research, 2007, 126, 38-44.	2.2	84
23	Antioxidant and membrane bound enzymes activity in WSSV-infected Penaeus monodon Fabricius. Aquaculture, 2006, 254, 32-39.	3.5	58
24	White spot syndrome virus infection decreases the activity of antioxidant enzymes in Fenneropenaeus indicus. Virus Research, 2006, 115, 69-75.	2.2	143
25	Activities of membrane bound phosphatases, transaminases and mitochondrial enzymes in white spot syndrome virus infected tissues of Fenneropenaeus indicus. Virus Research, 2006, 118, 130-135.	2.2	31
26	Protein expression in white spot syndrome virus infected Penaeus monodon fabricius. Virus Research, 2005, 110, 133-141.	2.2	8
27	In vitro susceptibility of antibiotics against Vibrio spp. and Aeromonas spp. isolated from Penaeus monodon hatcheries and ponds. International Journal of Antimicrobial Agents, 2005, 26, 285-291.	2.5	103
28	Effect of probiotics, antibiotic sensitivity, pathogenicity, and plasmid profiles of Listonella anguillarum-like bacteria isolated from Penaeus monodon culture systems. Aquaculture, 2004, 241, 77-91.	3.5	30
29	Control of pathogenic Vibrio spp. by Bacillus subtilis BT23, a possible probiotic treatment for black tiger shrimp Penaeus monodon. Letters in Applied Microbiology, 2003, 36, 83-87.	2.2	284
30	PCR-based detection of white spot syndrome virus in cultured and captured crustaceans in India. Letters in Applied Microbiology, 2003, 37, 443-447.	2.2	46
31	Abundance of potentially pathogenic micro-organisms in Penaeus monodon larvae rearing systems in India. Microbiological Research, 2003, 158, 299-308.	5.3	60
32	Fasciola gigantica: tegumental surface alterations following treatment in vitro with the sulphoxide metabolite of triclabendazole. Parasitology Research, 2002, 88, 315-325.	1.6	42
33	The major tegumental antigen of Fasciola hepatica contains repeated elements. Parasitology, 2000, 121, 185-191.	1.5	9
34	Muscle degeneration associated with cotton shrimp disease of Penaeus indicus. Journal of Fish Diseases, 2000, 23, 77-81.	1.9	12
35	Ultrastructure of the surface structures and haptor of Empleurosoma pyriforme (Ancyrocephalinae;) Tj ETQq1 1 0.784314 rgBT /Overlo Research, 2000, 86, 129-139.	1.6	14
36	White spot baculovirus syndrome in the Indian shrimp Penaeus monodon and P. indicus. Aquaculture, 2000, 184, 31-44.	3.5	48

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37	Ultrastructure and pathogenesis of Monodon baculovirus (Pm SNPV) in cultured larvae and natural brooders of Peneaus monodon. Aquaculture, 2000, 184, 45-66.	3.5	13
38	Ultrastructure of the digestive and protonephridial systems of the metacercaria of Euclinostomum multicaecum. Journal of Helminthology, 1998, 72, 243-249.	1.0	3
39	Ultrastructure of the gut caecal epithelium of Pricea multae (Monogenea: Polyopisthocotylea). Parasitology Research, 1996, 82, 312-318.	1.6	7
40	Ultrastructure of the surface structures and electron immunogold labeling of peptide immunoreactivity in the nervous system of Pseudothoracocotyla indica (Polyopisthocotylea:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 617	1.6	12
41	Lagenidium callinectes (Couch, 1942) infection and its control in cultured larval Indian tiger prawn, Penaeus monodon Fabricius. Journal of Fish Diseases, 1996, 19, 75-82.	1.9	9
42	A record and prevalence of Monodon baculovirus from postlarval Penaeus monodon in Madras, India. Aquaculture, 1995, 130, 129-135.	3.5	18
43	Ultrastructure of the surface structures of Allodiscocotyla diacanthi (Polyopisthocotylea:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Parasitology, 1995, 25, 43-54.	3.1	15
44	The ultrastructure of the tegument and clamp attachment organ of Gotocotyla bivaginalis (Monogenea, polyopisthocotylea). International Journal for Parasitology, 1993, 23, 213-220.	3.1	11
45	Studies on the chemical nature of the cyst wall ofMicrophallus madrasensis. Journal of Helminthology, 1991, 65, 111-119.	1.0	4
46	The surface topography of Gotocotyla secunda and Gotocotyla bivaginalis (monogenea,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (19, 63-69.	3.1	12
47	The occurrence, site specificity and frequency distribution of Bicotyle vellavoli on Pampus chinensis and Pampus argenteus. International Journal for Parasitology, 1989, 19, 761-767.	3.1	11
48	Scanning and transmission electron microscopic studies of the surface of Vallisia indica (Monogenea, Polyopisthocotylea). International Journal for Parasitology, 1987, 17, 1187-1195.	3.1	18
49	The surface topography and ultrastructure of the tegument and haptor of Pricea multae (Monogenea). International Journal for Parasitology, 1986, 16, 581-589.	3.1	22
50	The surface topography of Bicotyle vellavoli (Monogenea) from the gills of Pampus chinensis. International Journal for Parasitology, 1986, 16, 591-594.	3.1	13
51	The surface topography of a monogenean Heterapta chorinemi from the gills of Scomberoides commersonianus. International Journal for Parasitology, 1986, 16, 595-600.	3.1	10
52	The surface topography ofPseudothoracocotyla indica (Unnithan, 1956) (Monogenea) from the gills ofScomberomorus commerson. Zeitschrift FÃ¼r Parasitenkunde (Berlin, Germany), 1985, 71, 575-581.	0.8	12
53	Microhabitats of gill parasites (Monogenea and copepoda) of teleosts (Scomberoides spp.). International Journal for Parasitology, 1985, 15, 385-397.	3.1	51
54	Stabilization of the egg-shell of a monogeneanDionchus remorae. Experientia, 1984, 40, 839-840.	1.2	4

#	Article	IF	Citations
55	Phage Therapy for Control of Bacterial Diseases. , 0, , .		1
56	Therapeutic Efficacy of Bacteriophages. , 0, , .		2