

# Jayesh Puthumana

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

470  
citations

687335

13  
h-index

752679

20  
g-index

29  
all docs

29  
docs citations

29  
times ranked

522  
citing authors

#	ARTICLE	IF	CITATIONS
1	â€PmLyO-Sf9 - WSSV complexâ€™™ could be a platform for elucidating the mechanism of viral entry, cellular apoptosis and replication impediments. <i>Virology</i> , 2021, 553, 102-110.	2.4	11
2	Effects of zinc and mercury on ROS-mediated oxidative stress-induced physiological impairments and antioxidant responses in the microalga <i>Chlorella vulgaris</i> . <i>Environmental Science and Pollution Research</i> , 2021, 28, 32475-32492.	5.3	23
3	Immortalization of shrimp lymphoid cells by hybridizing with the continuous cell line Sf9 leading to the development of â€PmLyO-Sf9 â€™™. <i>Fish and Shellfish Immunology</i> , 2021, 113, 196-207.	3.6	12
4	A Novel Approach of Transducing Recombinant Baculovirus into Primary Lymphoid Cells of <i>Penaeus monodon</i> for Developing Continuous Cell Line. <i>Marine Biotechnology</i> , 2021, 23, 517-528.	2.4	4
5	Cytotoxic impacts of treated electroplating industrial effluent and the comparative effect of their metal components (Zn, Hg, and Zn+Hg) on <i>Danio rerio</i> gill (DrG) cell line. <i>Science of the Total Environment</i> , 2021, 793, 148533.	8.0	6
6	Exploration and profiling of hidden endophytic mycota of marine macroalgae with potential drug leads. <i>FEMS Microbiology Letters</i> , 2020, 367, .	1.8	6
7	A histone H2A derived antimicrobial peptide, Fi-Histin from the Indian White shrimp, <i>Fenneropenaeus indicus</i> : Molecular and functional characterization. <i>Fish and Shellfish Immunology</i> , 2019, 92, 667-679.	3.6	25
8	Effect of metals of treated electroplating industrial effluents on antioxidant defense system in the microalga <i>Chlorella vulgaris</i> . <i>Aquatic Toxicology</i> , 2019, 217, 105317.	4.0	20
9	Community composition of marine and brackish water ammonia-oxidizing consortia developed for aquaculture application. <i>Water Science and Technology</i> , 2019, 79, 1017-1028.	2.5	5
10	Amplicon sequencing based profiling of bacterial diversity from Krossfjorden, Arctic. <i>Data in Brief</i> , 2018, 21, 2522-2525.	1.0	10
11	Assessing the identity and expression level of the cytochrome P450 20A1 (CYP20A1) gene in the BPA-, BDE-47, and WAF-exposed copepods <i>Tigriopus japonicus</i> and <i>Paracyclopsina nana</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 193, 42-49.	2.6	5
12	Nine co-localized cytochrome P450 genes of the CYP2N , CYP2AD , and CYP2P gene families in the mangrove killifish <i>Kryptolebias marmoratus</i> genome: Identification and expression in response to B[±]P, BPA, OP, and NP. <i>Aquatic Toxicology</i> , 2017, 187, 132-140.	4.0	10
13	Ultraviolet B radiation induces impaired lifecycle traits and modulates expression of cytochrome P450 ( CYP ) genes in the copepod <i>Tigriopus japonicus</i> . <i>Aquatic Toxicology</i> , 2017, 184, 116-122.	4.0	18
14	Multifactorial interactions and optimization in biomass harvesting of marine picoalga <i>Picochlorum maculatum</i> MACC3 with different flocculants. <i>Aquaculture</i> , 2017, 474, 18-25.	3.5	8
15	Effects of salinity on growth, fatty acid synthesis, and expression of stress response genes in the cyclopoid copepod <i>Paracyclopsina nana</i> . <i>Aquaculture</i> , 2017, 470, 182-189.	3.5	33
16	Ecdysone receptor (EcR) and ultraspiracle (USP) genes from the cyclopoid copepod <i>Paracyclopsina nana</i> : Identification and expression in response to water accommodated fractions (WAFs). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 192, 7-15.	2.6	7
17	WAFs lead molting retardation of naupliar stages with down-regulated expression profiles of chitin metabolic pathway and related genes in the copepod <i>Tigriopus japonicus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 193, 9-17.	2.6	6
18	Molecular cloning, recombinant expression and functional characterization of an antimicrobial peptide, Crustin from the Indian white shrimp, <i>Fenneropenaeus indicus</i> . <i>Fish and Shellfish Immunology</i> , 2017, 71, 83-94.	3.6	22

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19	Effects of temperature on growth and fatty acid synthesis in the cyclopoid copepod <i>Paracyclopsina nana</i> . <i>Fisheries Science</i> , 2017, 83, 725-734.	1.6	19
20	Marine Algicolous Endophytic Fungi - A Promising Drug Resource of the Era. <i>Journal of Microbiology and Biotechnology</i> , 2017, 27, 1039-1052.	2.1	54
21	BDE-47 induces oxidative stress, activates MAPK signaling pathway, and elevates de novo lipogenesis in the copepod <i>Paracyclopsina nana</i> . <i>Aquatic Toxicology</i> , 2016, 181, 104-112.	4.0	34
22	Adverse effects of MWCNTs on life parameters, antioxidant systems, and activation of MAPK signaling pathways in the copepod <i>Paracyclopsina nana</i> . <i>Aquatic Toxicology</i> , 2016, 179, 115-124.	4.0	22
23	Transgene expression in <i>Penaeus monodon</i> cells: evaluation of recombinant baculoviral vectors with shrimp specific hybrid promoters. <i>Cytotechnology</i> , 2016, 68, 1147-1159.	1.6	14
24	Different susceptibilities of the Antarctic and temperate copepods <i>Tigriopus kingsejongensis</i> and <i>T. japonicus</i> to ultraviolet (UV) radiation. <i>Marine Ecology - Progress Series</i> , 2016, 561, 99-107.	1.9	17
25	Immune gene expression profile of <i>Penaeus monodon</i> in response to marine yeast glucan application and white spot syndrome virus challenge. <i>Fish and Shellfish Immunology</i> , 2015, 43, 346-356.	3.6	32
26	Cellular and molecular markers in monitoring the fate of lymphoid cell culture from <i>Penaeus monodon</i> Fabricius (1798). <i>Fish and Shellfish Immunology</i> , 2015, 47, 893-901.	3.6	8
27	Attempts on producing lymphoid cell line from <i>Penaeus monodon</i> by induction with SV40-T and 12S EIA oncogenes. <i>Fish and Shellfish Immunology</i> , 2015, 47, 655-663.	3.6	9
28	Fluorescent Superparamagnetic Iron Oxide Core-Shell Nanoprobes for Multimodal Cellular Imaging. <i>Materials Express</i> , 2012, 2, 265-274.	0.5	7
29	Enhanced Bio-Compatibility of Ferrofluids of Self-Assembled Superparamagnetic Iron Oxide-Silica Core-Shell Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 1958-1967.	0.9	23