

T Muralisankar

List of Publications by Year in descending order

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36
papers

1,030
citations

566801

15
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433756

31
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37
all docs

37
docs citations

37
times ranked

1135
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent insights into the extraction, characterization, and bioactivities of chitin and chitosan from insects. <i>Trends in Food Science and Technology</i> , 2020, 105, 17-42.	7.8	170
2	Application of marine-derived polysaccharides as immunostimulants in aquaculture: A review of current knowledge and further perspectives. <i>Fish and Shellfish Immunology</i> , 2019, 86, 1177-1193.	1.6	100
3	Potential uses of fungal polysaccharides as immunostimulants in fish and shrimp aquaculture: A review. <i>Aquaculture</i> , 2019, 500, 250-263.	1.7	82
4	Dietary Supplementation of Zinc Nanoparticles and Its Influence on Biology, Physiology and Immune Responses of the Freshwater Prawn, <i>Macrobrachium rosenbergii</i> . <i>Biological Trace Element Research</i> , 2014, 160, 56-66.	1.9	81
5	Replacement of fishmeal with <i>Spirulina platensis</i> , <i>Chlorella vulgaris</i> and <i>Azolla pinnata</i> on non-enzymatic and enzymatic antioxidant activities of <i>Macrobrachium rosenbergii</i> . <i>Journal of Basic and Applied Zoology</i> , 2014, 67, 25-33.	0.4	75
6	Effects of dietary zinc on the growth, digestive enzyme activities, muscle biochemical compositions, and antioxidant status of the giant freshwater prawn <i>Macrobrachium rosenbergii</i> . <i>Aquaculture</i> , 2015, 448, 98-104.	1.7	51
7	The effect of copper nanoparticles supplementation on freshwater prawn <i>Macrobrachium rosenbergii</i> post larvae. <i>Journal of Trace Elements in Medicine and Biology</i> , 2016, 34, 39-49.	1.5	50
8	Trends in the extraction, purification, characterisation and biological activities of polysaccharides from tropical and sub-tropical fruits – A comprehensive review. <i>Carbohydrate Polymers</i> , 2020, 238, 116185.	5.1	48
9	Effect of dietary <i>Ganoderma lucidum</i> polysaccharides on biological and physiological responses of the giant freshwater prawn <i>Macrobrachium rosenbergii</i> . <i>Aquaculture</i> , 2016, 464, 42-49.	1.7	46
10	Extraction and characterization of chitin from sea snail <i>Conus inscriptus</i> (Reeve, 1843). <i>International Journal of Biological Macromolecules</i> , 2019, 126, 555-560.	3.6	41
11	Impact of fishmeal replacement with <i>Arthrospira platensis</i> on growth performance, body composition and digestive enzyme activities of the freshwater prawn, <i>Macrobrachium rosenbergii</i> . <i>Aquaculture Reports</i> , 2016, 3, 35-44.	0.7	40
12	Dietary Supplementation of Magnesium Oxide (MgO) Nanoparticles for Better Survival and Growth of the Freshwater Prawn <i>Macrobrachium rosenbergii</i> Post-larvae. <i>Biological Trace Element Research</i> , 2017, 177, 196-208.	1.9	26
13	Effects of native medicinal herbs (<i>Alternanthera sessilis</i> , <i>Eclipta alba</i> and <i>Cissus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 monsoon river prawn <i>Macrobrachium malcolmsonii</i> . <i>Aquaculture Nutrition</i> , 2015, 21, 496-506.	1.1	20
14	Bioaccumulation of heavy metals, antioxidants, and metabolic enzymes in the crab <i>Scylla serrata</i> from different regions of Tuticorin, Southeast Coast of India. <i>Marine Pollution Bulletin</i> , 2020, 158, 111443.	2.3	19
15	Effects of Probiotics on Survival, Growth and Digestive Enzymes Activities in Freshwater Prawn <i>Macrobrachium rosenbergii</i> (De Man 1879). <i>Proceedings of the Zoological Society</i> , 2016, 69, 52-60.	0.4	18
16	Dietary <i>Ganoderma lucidum</i> polysaccharides to enhance the growth, immune response and disease resistance of freshwater prawn <i>Macrobrachium rosenbergii</i> . <i>Aquaculture Reports</i> , 2019, 14, 100203.	0.7	17
17	The potential role of medicinal mushrooms as prebiotics in aquaculture: A review. <i>Reviews in Aquaculture</i> , 2022, 14, 1300-1332.	4.6	15
18	<i>Bacillus subtilis</i> on survival, growth, biochemical constituents and energy utilization of the freshwater prawn <i>Macrobrachium rosenbergii</i> post larvae. <i>Egyptian Journal of Aquatic Research</i> , 2012, 38, 195-203.	1.0	13

#	ARTICLE	IF	CITATIONS
19	Synthesis and characterization of palladium nanoparticles by chemical and green methods: A comparative study on hepatic toxicity using zebrafish as an animal model. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 244, 108979.	1.3	13
20	A study on structural comparisons of β -chitin extracted from marine crustacean shell waste. <i>Carbohydrate Polymer Technologies and Applications</i> , 2021, 2, 100037.	1.6	13
21	Growth, biochemical, antioxidants, metabolic enzymes and hemocytes population of the shrimp <i>Litopenaeus vannamei</i> exposed to acidified seawater. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 239, 108843.	1.3	10
22	Genotoxic effects of tobacco use in residents of hilly areas and foot hills of Western Ghats, Southern India. <i>Scientific Reports</i> , 2019, 9, 14898.	1.6	9
23	Assessment of Heavy Metals Pollution in Noyyal and Chinnar Rivers, Western Ghats of Tamil Nadu, India with Reference to Crabs (<i>Gecarcinucidae</i>)—A Baseline Study. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 105, 538-545.	1.3	9
24	Effects of acidified seawater on biological and physiological responses of <i>Artemia franciscana</i> . <i>Marine Pollution Bulletin</i> , 2021, 169, 112476.	2.3	9
25	Growth performance, digestive enzymes and antioxidants activities in the shrimp <i>Litopenaeus vannamei</i> fed with <i>Amphiroa fragilissima</i> crude polysaccharides encapsulated <i>Artemia</i> nauplii. <i>Aquaculture</i> , 2021, 545, 737263.	1.7	9
26	Growth performance, muscle biochemical constituents, amino acid and fatty acid compositions of the giant freshwater prawn, <i>Macrobrachium rosenbergii</i> , fed with herb-incorporated diet. <i>Aquaculture Nutrition</i> , 2017, 23, 766-776.	1.1	8
27	Bioaccumulation of metals in mangroves and salt marshes collected from Tuticorin coast of Gulf of Mannar marine biosphere reserve, Southeastern India. <i>Marine Pollution Bulletin</i> , 2020, 160, 111599.	2.3	8
28	Phytochemical profiling and antioxidant capacity of <i>Kappaphycus alvarezii</i> (Doty) Doty collected from seaweed farming sites of tropical coastal environment. <i>Aquaculture Research</i> , 2021, 52, 3438-3448.	0.9	8
29	Influence of two different dietary zinc sources in freshwater prawn <i>Macrobrachium rosenbergii</i> post larvae. <i>Journal of Oceanology and Limnology</i> , 2019, 37, 290-299.	0.6	6
30	Efficacy of Probiotics on Survival, Growth, Biochemical Changes and Energy Utilization Performance of <i>Macrobrachium rosenbergii</i> (De Man 1879) Post-larvae. <i>Journal of Scientific Research</i> , 2012, 4, 729-740.	0.2	5
31	Influence of Probiotics on Survival, Growth, Biochemical Changes and Energy Utilization Performance of <i>Macrobrachium rosenbergii</i> Post-larvae. <i>Proceedings of the Zoological Society</i> , 2015, 68, 74-83.	0.4	5
32	Dietary Supplement of Medicinal Herbal Leaf Powder on Growth Performance, Digestive Enzymes Activities, Energy Utilization and Vitamin Levels of the Freshwater Prawn <i>Macrobrachium rosenbergii</i> . <i>Proceedings of the Zoological Society</i> , 2018, 71, 265-271.	0.4	2
33	Utilization of marine fisheries wastes for the production of the freshwater fish <i>Cyprinus carpio</i> . <i>Tropical Animal Health and Production</i> , 2019, 51, 2305-2313.	0.5	2
34	Cytotoxic activities of <i>Ganoderma lucidum</i> ethanol extract against HepG2 cell line. <i>Bangladesh Journal of Pharmacology</i> , 2016, 11, 632.	0.1	1
35	Anti-cancer effect of the polysaccharide extract from the <i>Ganoderma lucidum</i> against HeLa cell lines. <i>Bangladesh Journal of Pharmacology</i> , 2017, 12, 56.	0.1	1
36	Replacement of Fishmeal with <i>Arthrospira</i> (<i>Spirulina</i>) <i>platensis</i> and Its Use in Freshwater Prawn <i>Macrobrachium rosenbergii</i> Production. , 2019, , 77-108.		0