

Arumugam Sundaramanickam

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,438
citations

623734

14
h-index

361022

35
g-index

46
all docs

46
docs citations

46
times ranked

1759
citing authors

#	ARTICLE	IF	CITATIONS
1	Macrophytic waste optimization by synthesis of silver nanoparticles and exploring their agro-fungicidal activity. <i>Inorganic and Nano-Metal Chemistry</i> , 2023, 53, 257-266.	1.6	3
2	Seasonal distribution of microplastics in the surface water and sediments of the Vellar estuary, Parangipettai, southeast coast of India. <i>Marine Pollution Bulletin</i> , 2022, 174, 113248.	5.0	24
3	Adsorption of chromium by exopolysaccharides extracted from lignolytic phosphate solubilizing bacteria. <i>International Journal of Biological Macromolecules</i> , 2022, 206, 788-798.	7.5	8
4	Biomedical applications of carrageenan hydrogel impregnated with zinc oxide nanoparticles. <i>Inorganic and Nano-Metal Chemistry</i> , 2022, 52, 734-745.	1.6	4
5	Microplastics Occurrence in Different Regions Around the World. <i>Environmental Footprints and Eco-design of Products and Processes</i> , 2022, , 1-20.	1.1	1
6	Occurrence of Shortlip Numbfish, <i>Narcine brevilabiata</i> Bessednov, 1966 from Bay of Bengal, Indian Coastal Waters. <i>Thalassas</i> , 2022, 38, 997-1002.	0.5	2
7	First record of <i>Caromiobenella helgolandica</i> (Claus, 1863) (Copepoda, Monstrilloida) from the Saudi waters of the Arabian Gulf. <i>Check List</i> , 2022, 18, 575-581.	0.4	0
8	Intense bloom of the diatom <i>Hemidiscus hardmanianus</i> (Greville) in relation to water quality and plankton communities in Tuticorin coast, Gulf of Mannar, India. <i>Marine Pollution Bulletin</i> , 2021, 163, 111757.	5.0	10
9	Biodiversity of the fungi in extreme marine environments. , 2021, , 75-100.		1
10	Microplastic contamination in salt pans and commercial salts – A baseline study on the salt pans of Marakkanam and Parangipettai, Tamil Nadu, India. <i>Marine Pollution Bulletin</i> , 2021, 165, 112101.	5.0	33
11	Petroleum hydrocarbon concentrations in the surface sediments of two major sea ports, Bay of Bengal, India. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	2.7	3
12	Synthesis and characterization of nano-hydroxyapatite from <i>Sardinella longiceps</i> fish bone and its effects on human osteoblast bone cells. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 119, 104501.	3.1	34
13	Role of Mangroves in Pollution Abatement. , 2021, , 257-278.		1
14	Enhanced photocatalytic dye degradation and antibacterial activity of biosynthesized ZnO-NPs using curry leaves extract with coconut water. <i>Nanotechnology for Environmental Engineering</i> , 2020, 5, 1.	3.3	23
15	Global distribution of microplastics and its impact on marine environment – a review. <i>Environmental Science and Pollution Research</i> , 2020, 27, 25970-25986.	5.3	184
16	Production and characterization of biosurfactant by marine bacterium <i>Pseudomonas stutzeri</i> (SSASM1). <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 4697-4706.	3.5	8
17	Green synthesis of silver nanoparticles by bloom forming marine microalgae <i>Trichodesmium erythraeum</i> and its applications in antioxidant, drug-resistant bacteria, and cytotoxicity activity. <i>Journal of Saudi Chemical Society</i> , 2019, 23, 1180-1191.	5.2	95
18	Bioremoval of toxic substances in synthetic wastewater using <i>Trichoderma pubescens</i> (NPK2), isolated from mangrove soil. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 19, 101100.	3.1	7

#	ARTICLE	IF	CITATIONS
19	Title is missing!. Turkish Journal of Fisheries and Aquatic Sciences, 2019, 19, .	0.9	0
20	Occurrence of a Pempheris flavicycla in Chennai Coast, India. Proceedings of the Zoological Society, 2018, 71, 401-402.	1.0	0
21	Seasonal variability in plankton food web composition in Tuticorin coastal waters, south east coast of India. Marine Pollution Bulletin, 2018, 137, 408-417.	5.0	17
22	Biosorption of multi-heavy metals by coral associated phosphate solubilising bacteria Cronobacter muytjensii KSCAS2. Journal of Environmental Management, 2018, 222, 396-401.	7.8	62
23	Environmental variables and nutrients in selected islands of Lakshadweep Sea; Addressing coral bleaching. Regional Studies in Marine Science, 2018, 22, 38-48.	0.7	6
24	Elucidation of seasonal variations of physicochemical and biological parameters with statistical analysis methods in Puducherry coastal waters. Marine Pollution Bulletin, 2017, 122, 432-440.	5.0	16
25	Bioremediation of Mercury by <i>Vibrio fluvialis</i> Screened from Industrial Effluents. BioMed Research International, 2017, 2017, 1-6.	1.9	48
26	Further records of rare brachyuran crab Eucrate indica (Crustacea: Decapoda: Brachyura) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (t	0.1	1
27	Assessment of Anthropogenic Threats to the Biological Resources of Kaliveli Lake, India: A Coastal Wetland. Coastal Research Library, 2017, , 393-409.	0.4	1
28	First record of the silver-cheeked toad fish Lagocephalus scleratus (Gmelin, 1789) (Actinopterygii: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (t	0.3	0
29	Occurrence of a Pterygoplichthys disjunctivus (Weber, 1991) population in Cauvery River System, Tamil Nadu, South India. International Journal of Fisheries and Aquaculture, 2016, 8, 62-66.	1.1	5
30	In vitro anticancer activity of silver nanoparticle synthesized by Escherichia coli VM1 isolated from marine sediments of Ennore southeast coast of India. Enzyme and Microbial Technology, 2016, 95, 146-154.	3.2	40
31	Spatial variability of heavy metals in estuarine, mangrove and coastal ecosystems along Parangipettai, Southeast coast of India. Environmental Pollution, 2016, 218, 186-195.	7.5	74
32	Spatial and Seasonal Variation of Macrobenthos from Puducherry Coast, Southeast Coast of India. International Journal of Current Microbiology and Applied Sciences, 2016, 5, 33-49.	0.1	5
33	First record of buckler crab Cryptopodia angulata (Decapoda: Brachyura: Parthenopidae) from Chennai coast (Bay of Bengal), India. Journal of Asia-Pacific Biodiversity, 2015, 8, 102-104.	0.4	1
34	Bio Prospecting the Enzymatic and Anticancer Potential of Spine Secretions of Marine Catfish (Plotosus lineatus). Journal of Biologically Active Products From Nature, 2015, 5, 406-418.	0.3	0
35	Isolation and molecular characterization of multidrug-resistant halophilic bacteria from shrimp farm effluents of Parangipettai coastal waters. Environmental Science and Pollution Research, 2015, 22, 11700-11707.	5.3	13
36	Seasonal abundance and distribution of ichthyoplankton diversity in the Coleroon estuarine complex, Southeast coast of India. Biocatalysis and Agricultural Biotechnology, 2015, 4, 784-794.	3.1	5

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37	Green synthesis of silver nanoparticles using marine algae <i>Caulerpa racemosa</i> and their antibacterial activity against some human pathogens. <i>Applied Nanoscience (Switzerland)</i> , 2015, 5, 499-504.	3.1	283
38	Biosurfactant Producing Microbes and their Potential Applications: A Review. <i>Critical Reviews in Environmental Science and Technology</i> , 2015, 45, 1522-1554.	12.8	291
39	DISTRIBUTION AND SEASONAL VARIATION OF HEAVY METALS IN SEDIMENTS OF MUTHUPET LAGOON, SOUTHEAST COAST OF INDIA. <i>Journal of Ecological Engineering</i> , 2015, 16, 49-60.	1.1	9
40	Biosynthesis of silver nanoparticles from the marine seaweed <i>Sargassum wightii</i> and their antibacterial activity against some human pathogens. <i>Applied Nanoscience (Switzerland)</i> , 2014, 4, 881-888.	3.1	88
41	A Comparative Study of Physico-Chemical Investigation along Parangipettai and Cuddalore Coast. <i>Journal of Environmental Science and Technology</i> , 2007, 1, 1-10.	0.3	26
42	Assessment of Tsunami Impact on Fish Eggs and Larvae along Parangipettai Coast (Southeast Coast of) Tj ETQq0 0.0,rgBT /Oyerlock 10	0.1	4