

# Arumugam Sundaramanickam

## List of Publications by Year in descending order

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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	Biosurfactant Producing Microbes and their Potential Applications: A Review. Critical Reviews in Environmental Science and Technology, 2015, 45, 1522-1554.	12.8	291
2	Green synthesis of silver nanoparticles using marine algae <i>Caulerpa racemosa</i> and their antibacterial activity against some human pathogens. Applied Nanoscience (Switzerland), 2015, 5, 499-504.	3.1	283
3	Global distribution of microplastics and its impact on marine environment—a review. Environmental Science and Pollution Research, 2020, 27, 25970-25986.	5.3	184
4	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. Journal of Saudi Chemical Society, 2019, 23, 1180-1191.	5.2	95
5	Biosynthesis of silver nanoparticles from the marine seaweed <i>Sargassum wightii</i> and their antibacterial activity against some human pathogens. Applied Nanoscience (Switzerland), 2014, 4, 881-888.	3.1	88
6	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
7	Biosorption of multi-heavy metals by coral associated phosphate solubilising bacteria <i>Cronobacter muytjensii</i> KSCAS2. Journal of Environmental Management, 2018, 222, 396-401.	7.8	62
8	Bioremediation of Mercury by <i>Vibrio fluvialis</i> Screened from Industrial Effluents. BioMed Research International, 2017, 2017, 1-6.	1.9	48
9	In vitro anticancer activity of silver nanoparticle synthesized by <i>Escherichia coli</i> VM1 isolated from marine sediments of Ennore southeast coast of India. Enzyme and Microbial Technology, 2016, 95, 146-154.	3.2	40
10	Synthesis and characterization of nano-hydroxyapatite from <i>Sardinella longiceps</i> fish bone and its effects on human osteoblast bone cells. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 119, 104501.	3.1	34
11	Microplastic contamination in salt pans and commercial salts – A baseline study on the salt pans of Marakkanam and Parangipettai, Tamil Nadu, India. Marine Pollution Bulletin, 2021, 165, 112101.	5.0	33
12	A Comparative Study of Physico-Chemical Investigation along Parangipettai and Cuddalore Coast. Journal of Environmental Science and Technology, 2007, 1, 1-10.	0.3	26
13	Seasonal distribution of microplastics in the surface water and sediments of the Vellar estuary, Parangipettai, southeast coast of India. Marine Pollution Bulletin, 2022, 174, 113248.	5.0	24
14	Enhanced photocatalytic dye degradation and antibacterial activity of biosynthesized ZnO-NPs using curry leaves extract with coconut water. Nanotechnology for Environmental Engineering, 2020, 5, 1.	3.3	23
15	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
16	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
17	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
18	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. Marine Pollution Bulletin, 2021, 163, 111757.	5.0	10

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19	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
20	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
21	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
22	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
23	Environmental variables and nutrients in selected islands of Lakshadweep Sea; Addressing coral bleaching. <i>Regional Studies in Marine Science</i> , 2018, 22, 38-48.	0.7	6
24	Seasonal abundance and distribution of ichthyoplankton diversity in the Coleroon estuarine complex, Southeast coast of India. <i>Biocatalysis and Agricultural Biotechnology</i> , 2015, 4, 784-794.	3.1	5
25	Occurrence of a <i>Pterygoplichthys disjunctivus</i> (Weber, 1991) population in Cauvery River System, Tamil Nadu, South India. <i>International Journal of Fisheries and Aquaculture</i> , 2016, 8, 62-66.	1.1	5
26	Spatial and Seasonal Variation of Macrobenthos from Puducherry Coast, Southeast Coast of India. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2016, 5, 33-49.	0.1	5
27	Assessment of Tsunami Impact on Fish Eggs and Larvae along Parangipettai Coast (Southeast Coast of) Tj ETQq1 1.0784314 rgBT / O 0.1	0.1	4
28	Biomedical applications of carrageenan hydrogel impregnated with zinc oxide nanoparticles. <i>Inorganic and Nano-Metal Chemistry</i> , 2022, 52, 734-745.	1.6	4
29	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
30	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
31	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
32	First record of buckler crab <i>Cryptopodia angulata</i> (Decapoda: Brachyura: Parthenopidae) from Chennai coast (Bay of Bengal), India. <i>Journal of Asia-Pacific Biodiversity</i> , 2015, 8, 102-104.	0.4	1
33	Further records of rare brachyuran crab <i>Eucrater indica</i> (Crustacea: Decapoda: Brachyura) Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf 50	0.1	1
34	Biodiversity of the fungi in extreme marine environments. , 2021, , 75-100.		1
35	Role of Mangroves in Pollution Abatement. , 2021, , 257-278.		1
36	Assessment of Anthropogenic Threats to the Biological Resources of Kaliveli Lake, India: A Coastal Wetland. <i>Coastal Research Library</i> , 2017, , 393-409.	0.4	1

#	ARTICLE	IF	CITATIONS
37	Microplastics Occurrence in Different Regions Around the World. Environmental Footprints and Eco-design of Products and Processes, 2022, , 1-20.	1.1	1
38	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
39	Occurrence of a Pempheris flavicycla in Chennai Coast, India. Proceedings of the Zoological Society, 2018, 71, 401-402.	1.0	0
40	Title is missing!. Turkish Journal of Fisheries and Aquatic Sciences, 2019, 19, .	0.9	0
41	First record of the silver-cheeked toad fish Lagocephalus scleratus (Gmelin, 1789) (Actinopterygii: Tj ETQq1 1 0.784314 rgBT/Overlook	0.3	0
42	First record of Caromiobenella helgolandica (Claus, 1863) (Copepoda, Monstrilloida) from the Saudi waters of the Arabian Gulf. Check List, 2022, 18, 575-581.	0.4	0