

Pradipta Muduli

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

822
citations

430874

18
h-index

501196

28
g-index

37
all docs

37
docs citations

37
times ranked

636
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatio-temporal variability and the impact of Phailin on water quality of Chilika lagoon. <i>Continental Shelf Research</i> , 2017, 136, 39-56.	1.8	61
2	Spatiotemporal distribution and composition of phytoplankton assemblages in a coastal tropical lagoon: Chilika, India. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 47.	2.7	60
3	Interannual and cyclone-driven variability in phytoplankton communities of a tropical coastal lagoon. <i>Marine Pollution Bulletin</i> , 2015, 101, 39-52.	5.0	58
4	Spatio-temporal variation of CO ₂ emission from Chilika Lake, a tropical coastal lagoon, on the east coast of India. <i>Estuarine, Coastal and Shelf Science</i> , 2012, 113, 305-313.	2.1	55
5	Influence of nutrient input on the trophic state of a tropical brackish water lagoon. <i>Journal of Earth System Science</i> , 2015, 124, 1005-1017.	1.3	52
6	Distribution of dissolved inorganic carbon and net ecosystem production in a tropical brackish water lagoon, India. <i>Continental Shelf Research</i> , 2013, 64, 75-87.	1.8	51
7	Assessment of Pollution Near Landfill Site in Nagpur, India by Resistivity Imaging and GPR. <i>Environmental Monitoring and Assessment</i> , 2007, 131, 489-500.	2.7	43
8	Decline in Phytoplankton Biomass along Indian Coastal Waters due to COVID-19 Lockdown. <i>Remote Sensing</i> , 2020, 12, 2584.	4.0	36
9	Spectral similarity approach for mapping turbidity of an inland waterbody. <i>Journal of Hydrology</i> , 2017, 550, 527-537.	5.4	34
10	Water quality assessment of the Ganges River during COVID-19 lockdown. <i>International Journal of Environmental Science and Technology</i> , 2021, 18, 1645-1652.	3.5	33
11	Dinoflagellate Bloom of <i>Karenia mikimotoi</i> along the Southeast Arabian Sea, Bordering Western India. <i>Journal of Ecosystems</i> , 2013, 2013, 1-11.	0.7	30
12	Plankton metabolic processes and its significance on dissolved organic carbon pool in a tropical brackish water lagoon. <i>Continental Shelf Research</i> , 2013, 61-62, 52-61.	1.8	29
13	Spatial distribution and potential biological risk of some metals in relation to granulometric content in core sediments from Chilika Lake, India. <i>Environmental Science and Pollution Research</i> , 2018, 25, 572-587.	5.3	27
14	Variable response of two tropical phytoplankton species at different salinity and nutrient condition. <i>Journal of Experimental Marine Biology and Ecology</i> , 2013, 440, 244-249.	1.5	24
15	Trends in a satellite-derived vegetation index and environmental variables in a restored brackish lagoon. <i>Global Ecology and Conservation</i> , 2015, 4, 614-624.	2.1	23
16	Assessment of petroleum hydrocarbon in a tropical brackish water lagoon: Chilika, India. <i>Chemistry and Ecology</i> , 2016, 32, 653-668.	1.6	20
17	Influence of suspended particulate matter on nutrient biogeochemistry of a tropical shallow lagoon, Chilika, India. <i>Limnology</i> , 2016, 17, 223-238.	1.5	20
18	Application of multivariate analysis to determine spatial and temporal changes in water quality after new channel construction in the Chilika Lagoon. <i>Ecological Engineering</i> , 2016, 90, 314-319.	3.6	18

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19	CO ₂ Saturation and Trophic Shift Induced by Microbial Metabolic Processes in a River-Dominated Ocean Margin (Tropical Shallow Lagoon, Chilika, India). <i>Geomicrobiology Journal</i> , 2016, 33, 513-529.	2.0	18
20	Trace metal concentrations in euryhaline fish species from Chilika lagoon: human health risk assessment. <i>International Journal of Environmental Science and Technology</i> , 2017, 14, 2649-2660.	3.5	18
21	Responses of phytoplankton community structure and association to variability in environmental drivers in a tropical coastal lagoon. <i>Science of the Total Environment</i> , 2021, 783, 146873.	8.0	18
22	Spatio-Temporal Variation in Physicochemical Parameters of Water in the Chilika Lagoon. <i>Wetlands: Ecology, Conservation and Management</i> , 2020, , 203-229.	0.2	17
23	Sources and Variability of Petroleum Hydrocarbon Residues in Sediments of Chilika Lagoon, East Coast of India. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2017, 99, 100-107.	2.7	16
24	Spatial variation of nitrogen uptake rates in the largest brackish water lagoon of Asia (Chilika, India). <i>Estuarine, Coastal and Shelf Science</i> , 2019, 216, 87-97.	2.1	10
25	Distribution of Coloured Dissolved and Detrital Organic Matter in Optically Complex Waters of Chilika Lagoon, Odisha, India, using Hyperspectral Data of AVIRIS-NG. <i>Current Science</i> , 2019, 116, 1166.	0.8	9
26	Landfall season is critical to the impact of a cyclone on a monsoon-regulated tropical coastal lagoon. <i>Science of the Total Environment</i> , 2021, 770, 145235.	8.0	8
27	The Impact of Tropical Cyclone "Phailin" on the Hydrology of Chilika Lagoon, India. <i>International Journal of Environmental Sciences & Natural Resources</i> , 2017, 4, .	0.1	8
28	Sources and transformations of organic matter in sediments of Asia's largest brackish water lagoon (Chilika, India) and nearby mangrove ecosystem. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	2.7	6
29	Isotopic composition (C & N) of the suspended particles and N uptake by phytoplankton in a shallow tropical coastal lagoon. <i>Chemistry and Ecology</i> , 2017, 33, 708-724.	1.6	5
30	Bioavailable dissolved organic matter and its spatio-temporal variation in a river dominated tropical brackish water Lagoon, India. <i>Marine Pollution Bulletin</i> , 2018, 131, 460-467.	5.0	3
31	Improved estimates of bio-optical parameters in optically complex water using hyperspectral remote sensing data. <i>International Journal of Remote Sensing</i> , 2021, 42, 3056-3073.	2.9	3
32	Imprints of COVID-19 lockdowns on total petroleum hydrocarbon levels in Asia's largest brackish water lagoon. <i>Marine Pollution Bulletin</i> , 2022, 174, 113137.	5.0	3
33	Spatiotemporal patterns and impact of a cyclone on the zooplankton community structure in a brackish coastal lagoon. <i>Regional Studies in Marine Science</i> , 2021, 44, 101743.	0.7	2
34	Variability of Nutrients and Their Stoichiometry in Chilika Lagoon, India. <i>Coastal Research Library</i> , 2022, , 139-173.	0.4	2
35	Long-term variation of CO ₂ flux and the controlling factors in Asia's largest brackish water system, Chilika Lake. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 11513-11522.	3.5	1