Dipnarayan Ganguly

List of Publications by Year
in descending order

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43 papers	1,338 citations	394421 19 h-index	345221 36 g-index
45 all docs	45 docs citations	45 times ranked	1266 citing authors

#	Article	IF	Citations
1	Microplastic pollution in fragile coastal ecosystems with special reference to the X-Press Pearl maritime disaster, southeast coast of India. Environmental Pollution, 2022, 305, 119297.	7.5	16
2	Distribution and dynamics of particulate organic matter in Indian mangroves during dry period. Environmental Science and Pollution Research, 2022, 29, 64150-64161.	5.3	4
3	Microbial Methane Production-Oxidation Profile in the Soil of Mangrove and Paddy Fields of West Bengal, India. Geomicrobiology Journal, 2021, 38, 220-230.	2.0	3
4	Assessment of bioavailable nitrogen and phosphorus content in the sediments of Indian mangroves. Environmental Science and Pollution Research, 2021, 28, 42051-42069.	5.3	9
5	COVID-19 restrictions and their influences on ambient air, surface water and plastic waste in a coastal megacity, Chennai, India. Marine Pollution Bulletin, 2021, 171, 112739.	5.0	23
6	Interspecific variations in mangrove stem biomass: A potential storehouse of sequestered carbon. Regional Studies in Marine Science, 2021, 48, 102044.	0.7	3
7	Holistic assessment of microplastics in various coastal environmental matrices, southwest coast of India. Science of the Total Environment, 2020, 703, 134947.	8.0	154
8	The first report of Glomalin from the Sundarban Mangrove Biosphere Reserve, India, a long-term sediment Carbon storage. Regional Studies in Marine Science, 2020, 39, 101398.	0.7	2
9	In situ Photosynthetic Activities and Associated Biogeochemical Changes in Three Tropical Seagrass Species. Frontiers in Earth Science, 2020, 8, .	1.8	4
10	Spatial heterogeneity of mesozooplankton along the tropical coastal waters. Continental Shelf Research, 2020, 206, 104193.	1.8	6
11	Integrated Management of the Ganges Delta, India. , 2019, , 187-211.		7
12	Seagrass litter decomposition: an additional nutrient source to shallow coastal waters. Environmental Monitoring and Assessment, 2019, 191, 5.	2.7	13
13	Valuing the carbon sequestration regulation service by seagrass ecosystems of Palk Bay and Chilika, India. Ocean and Coastal Management, 2018, 159, 26-33.	4.4	29
14	Seagrass meadows as proxy for assessment of ecosystem health. Ocean and Coastal Management, 2018, 159, 34-45.	4.4	23
15	Biogenic hydrogen sulphide emissions and non-sea sulfate aerosols over the Indian Sundarban mangrove forest. Journal of Atmospheric Chemistry, 2018, 75, 319-333.	3.2	6
16	Seagrass and macrophyte mediated CO2 and CH4 dynamics in shallow coastal waters. PLoS ONE, 2018, 13, e0203922.	2.5	28
17	Methane flux dynamics in relation to methanogenic and methanotrophic populations in the soil of Indian Sundarban mangroves. Marine Ecology, 2018, 39, e12493.	1.1	13
18	Microplastics along the beaches of southeast coast of India. Science of the Total Environment, 2018, 645, 1388-1399.	8.0	280

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19	Seagrass metabolism and carbon dynamics in a tropical coastal embayment. Ambio, 2017, 46, 667-679.	5.5	27
20	Isotopic composition (C & N) of the suspended particles and N uptake by phytoplankton in a shallow tropical coastal lagoon. Chemistry and Ecology, 2017, 33, 708-724.	1.6	5
21	Temporal variability of atmospheric Total Gaseous Mercury and its correlation with meteorological parameters at a high-altitude station of the South India. Atmospheric Pollution Research, 2017, 8, 164-173.	3.8	12
22	Nitrogen Assessment in Indian Coastal Systems. , 2017, , 361-379.		6
23	Both riverine detritus and dissolved nutrients drive lagoon fisheries. Estuarine, Coastal and Shelf Science, 2016, 183, 360-369.	2.1	12
24	Influence of suspended particulate matter on nutrient biogeochemistry of a tropical shallow lagoon, Chilika, India. Limnology, 2016, 17, 223-238.	1.5	20
25	CO₂ Saturation and Trophic Shift Induced by Microbial Metabolic Processes in a River-Dominated Ocean Margin (Tropical Shallow Lagoon, Chilika, India). Geomicrobiology Journal, 2016, 33, 513-529.	2.0	18
26	Seagrass Ecosystem and Climate Change: An Indian Perspective. Journal of Climate Change, 2015, 1, 67-74.	0.5	14
27	Influence of nutrient input on the trophic state of a tropical brackish water lagoon. Journal of Earth System Science, 2015, 124, 1005-1017.	1.3	52
28	Monsoonal Influence on Evapotranspiration of the Tropical Mangrove Forest in Northeast India. American Journal of Climate Change, 2014, 03, 232-244.	0.9	3
29	Comparison of Monsoonal change of water quality parameters between 1983 and 2008 in a tropical estuary in Northeastern India: role of phytoplankton and community metabolism. Marine Ecology, 2013, 34, 14-29.	1.1	19
30	Plankton metabolic processes and its significance on dissolved organic carbon pool in a tropical brackish water lagoon. Continental Shelf Research, 2013, 61-62, 52-61.	1.8	29
31	Variable response of two tropical phytoplankton species at different salinity and nutrient condition. Journal of Experimental Marine Biology and Ecology, 2013, 440, 244-249.	1.5	24
32	A Depth Wise Diversity of Free Living N₂ Fixing and Nitrifying Bacteria and Its Seasonal Variation with Nitrogen Containing Nutrients in the Mangrove Sediments of Sundarban, WB, India. Open Journal of Marine Science, 2013, 03, 112-119.	0.5	11
33	Intra-Annual Variation of Modern Foraminiferal Assemblage in a Tropical Mangrove Ecosystem in India. Wetlands, 2012, 32, 813-826.	1.5	15
34	Adsorption kinetic control of As(III & V) mobilization and sequestration by Mangrove sediment. Environmental Earth Sciences, 2012, 65, 2027-2036.	2.7	21
35	Coupled micrometeorological and biological processes on atmospheric CO2 concentrations at the landâ€“ocean boundary, NE coast of India. Atmospheric Environment, 2011, 45, 3903-3910.	4.1	24
36	Carbon sequestration and annual increase of carbon stock in a mangrove forest. Atmospheric Environment, 2011, 45, 5016-5024.	4.1	178

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37	Depth profile exploration of enzyme activity and culturable microbial community from the oxygen-starved soil of Sundarban mangrove forest, India. Open Journal of Ecology, 2011, 01, 65-72.	1.0	2
38	Comparative Analysis of Phytoplankton Composition and Abundance over a Two-Decade Period at the Landâ€“Ocean Boundary of a Tropical Mangrove Ecosystem. Estuaries and Coasts, 2010, 33, 384-394.	2.2	73
39	Biogeochemical controls of arsenic occurrence and mobility in the Indian Sundarban mangrove ecosystem. Marine Pollution Bulletin, 2009, 58, 652-657.	5.0	26
40	Biosphereâ€atmosphere exchange of NO_x in the tropical mangrove forest. Journal of Geophysical Research, 2009, 114, .	3.3	17
41	Energy dynamics and its implication to biosphereâ€“atmosphere exchange of CO2, H2O and CH4 in a tropical mangrove forest canopy. Atmospheric Environment, 2008, 42, 4172-4184.	4.1	46
42	Formation, transformation, and removal of aerosol over a tropical mangrove forest. Journal of Geophysical Research, 2006, 111, .	3.3	21
43	Geomorphological study of sundarban deltaic estuary. Journal of the Indian Society of Remote Sensing, 2006, 34, 431-435.	2.4	28