

Sarat C Tripathy

List of Publications by Year in descending order

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papers

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687363

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712
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of Godavari estuarine mangrove ecosystem through trace metal studies. <i>Environment International</i> , 2006, 32, 219-223.	10.0	125
2	Detection of harmful algal blooms of <i>Karenia mikimotoi</i> using MODIS measurements: A case study of Seto-Inland Sea, Japan. <i>Remote Sensing of Environment</i> , 2013, 129, 185-196.	11.0	58
3	Water quality assessment of Gautami " Godavari mangrove estuarine ecosystem of Andhra Pradesh, India during September 2001. <i>Journal of Earth System Science</i> , 2005, 114, 185-190.	1.3	32
4	Influence of the Changjiang River on the light absorption properties of phytoplankton from the East China Sea. <i>Biogeosciences</i> , 2014, 11, 1759-1773.	3.3	30
5	Deep chlorophyll maximum and primary productivity in Indian Ocean sector of the Southern Ocean: Case study in the Subtropical and Polar Front during austral summer 2011. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 118, 240-249.	1.4	30
6	Variation of the photosynthetic electron transfer rate and electron requirement for daily net carbon fixation in Ariake Bay, Japan. <i>Journal of Oceanography</i> , 2016, 72, 761-776.	1.7	25
7	Effects of growth conditions on siderophore producing bacteria and siderophore production from Indian Ocean sector of Southern Ocean. <i>Journal of Basic Microbiology</i> , 2019, 59, 412-424.	3.3	24
8	Relationship between light, community composition and the electron requirement for carbon fixation in natural phytoplankton. <i>Marine Ecology - Progress Series</i> , 2017, 580, 83-100.	1.9	22
9	The influence of air-sea-ice interactions on an anomalous phytoplankton bloom in the Indian Ocean sector of the Antarctic Zone of the Southern Ocean during the austral summer, 2011. <i>Polar Science</i> , 2014, 8, 370-384.	1.2	21
10	Iron-Stimulated Phytoplankton Blooms in the Southern Ocean: a Brief Review. <i>Remote Sensing in Earth Systems Sciences</i> , 2019, 2, 64-77.	1.8	18
11	Modification of the vertically generalized production model for the turbid waters of Ariake Bay, southwestern Japan. <i>Estuarine, Coastal and Shelf Science</i> , 2012, 97, 66-77.	2.1	17
12	Assessment of carbon- and fluorescence-based primary productivity in Ariake Bay, southwestern Japan. <i>Estuarine, Coastal and Shelf Science</i> , 2010, 87, 163-173.	2.1	15
13	Impacts of the Changjiang diluted water on sinking processes of particulate organic matters in the East China Sea. <i>Continental Shelf Research</i> , 2017, 151, 84-93.	1.8	14
14	Estimation of reactive inorganic iodine fluxes in the Indian and Southern Ocean marine boundary layer. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 12093-12114.	4.9	14
15	Assessing post-sunami effects on ocean colour at eastern Indian Ocean using MODIS Aqua satellite. <i>International Journal of Remote Sensing</i> , 2007, 28, 3055-3069.	2.9	13
16	Variability in primary productivity and bio-optical properties in the Indian sector of the Southern Ocean during an austral summer. <i>Polar Biology</i> , 2020, 43, 1469-1492.	1.2	13
17	Phytoplankton pigment change as a photoadaptive response to light variation caused by tidal cycle in Ariake Bay, Japan. <i>Journal of Oceanography</i> , 2010, 66, 831-843.	1.7	11
18	Biophysical Control on Variability in Phytoplankton Production and Composition in the South-Western Tropical Indian Ocean During Monsoon 2014. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	10

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19	Variation of phytoplankton assemblages of Kongsfjorden in early autumn 2012: a microscopic and pigment ratio-based assessment. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 224.	2.7	9
20	Upper layer diapycnal mixing and nutrient flux in the subtropical frontal region of the Indian sector of the Southern Ocean. <i>Journal of Marine Systems</i> , 2018, 187, 197-205.	2.1	9
21	Planktonic food web structure at SSTF and PF in the Indian sector of the Southern Ocean during austral summer 2011. <i>Polar Research</i> , 2018, 37, 1495545.	1.6	8
22	Distribution of zooplankton in the Indian sector of the Southern Ocean. <i>Antarctic Science</i> , 2020, 32, 168-179.	0.9	8
23	Characterization of phytoplankton productivity and bio-optical variability in a polar marine ecosystem. <i>Progress in Oceanography</i> , 2021, 195, 102573.	3.2	8
24	Nitrogen uptake by phytoplankton in surface waters of the Indian sector of Southern Ocean during austral summer. <i>Frontiers of Earth Science</i> , 2018, 12, 52-62.	2.1	7
25	Spatial and seasonal variations of dinoflagellates and ciliates in the Kongsfjorden, Svalbard. <i>Marine Ecology</i> , 2020, 41, 1-12.	1.1	7
26	Interplay of regional oceanography and biogeochemistry on phytoplankton bloom development in an Arctic fjord. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 243, 106916.	2.1	5
27	The occurrence of blue-pigmented <i>Pontella valida</i> Dana, 1852 (Copepoda: Calanoida: Pontellidae) in the equatorial Indian Ocean. <i>Journal of Crustacean Biology</i> , 2017, 37, 512-515.	0.8	4
28	Empirical relationships for remote sensing reflectance and <i>Noctiluca scintillans</i> cell density in the northeastern Arabian Sea. <i>Marine Pollution Bulletin</i> , 2020, 161, 111770.	5.0	3
29	Summer variability in bio-optical properties and phytoplankton pigment signatures in two adjacent high Arctic fjords, Svalbard. <i>International Journal of Environmental Science and Technology</i> , 2023, 20, 239-258.	3.5	3
30	Morphometric estimation of copepod carbon biomass in coastal Antarctica: a case study in Prydz Bay. <i>Journal of Crustacean Biology</i> , 2020, 40, 58-66.	0.8	2
31	A Review of Estuarine CDOM Dynamics of East Coast of India Influenced by Hydrographical Forcing. , 2021, , 223-237.		2
32	Characteristics of conservative and non-conservative CDOM of a tropical monsoonal estuary in relation to changing biogeochemistry. <i>Regional Studies in Marine Science</i> , 2021, 44, 101721.	0.7	2
33	Bio-optical depiction of a polar ocean under global change: Exploring the regional absorption traits. <i>Global and Planetary Change</i> , 2022, 213, 103818.	3.5	2
34	Assessing the trophic link between primary and secondary producers in the Southern Ocean: A carbon-biomass based approach. <i>Polar Science</i> , 2022, 31, 100734.	1.2	1
35	Spatiotemporal variability in the optical characteristics of dissolved organic matter in the coastal Bay of Bengal. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 9393-9408.	3.5	1
36	The Arctic Temperature Response to Global and Regional Anthropogenic Sulfate Aerosols. <i>Frontiers in Environmental Science</i> , 2021, 9, .	3.3	1

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37	Progress in Southern Ocean Biology from the Indian Sector: Half-Decadal (2009-13) overview. Proceedings of the Indian National Science Academy, 2017, 90, .	1.4	0