Shan Jiang

List of Publications by Year
in descending order

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41 papers	857 citations	623734 14 h-index	501196 28 g-index
47 all docs	47 docs citations	47 times ranked	1063 citing authors

#	Article	IF	Citations
1	Effects of conventional and biodegradable microplastics on a marine ecosystem engineer (Arenicola) Tj ETQq1 1 0.784314 rgBT /Overlock 10	7.5	310
2	Optimisation for assay of fluorescein diacetate hydrolytic activity as a sensitive tool to evaluate impacts of pollutants and nutrients on microbial activity in coastal sediments. Marine Pollution Bulletin, 2016, 110, 424-431.	5.0	41
3	Response of phenolic metabolism to cadmium and phenanthrene and its influence on pollutant translocations in the mangrove plant Aegiceras corniculatum (L.) Blanco (Ac). Ecotoxicology and Environmental Safety, 2017, 141, 290-297.	6.0	36
4	Dissolved inorganic nitrogen in a tropical estuary in Malaysia: transport and transformation. Biogeosciences, 2019, 16, 2821-2836.	3.3	34
5	Rhizodegradation potential and tolerance of Avicennia marina (Forsk.) Vierh in phenanthrene and pyrene contaminated sediments. Marine Pollution Bulletin, 2016, 110, 112-118.	5.0	33
6	Response of low-molecular-weight organic acids in mangrove root exudates to exposure of polycyclic aromatic hydrocarbons. Environmental Science and Pollution Research, 2017, 24, 12484-12493.	5.3	29
7	Shape-persistent porous organic cage supported palladium nanoparticles as heterogeneous catalytic materials. Nanoscale, 2019, 11, 14929-14936.	5.6	29
8	Organic carbon in a seepage face of a subterranean estuary: Turnover and microbial interrelations. Science of the Total Environment, 2020, 725, 138220.	8.0	29
9	Net Heterotrophy in the Amazon Continental Shelf Changes Rapidly to a Sink of CO2 in the Outer Amazon Plume. Frontiers in Marine Science, 2017, 4, .	2.5	22
10	Effect of enhanced reactive nitrogen availability on plant-sediment mediated degradation of polycyclic aromatic hydrocarbons in contaminated mangrove sediment. Marine Pollution Bulletin, 2016, 103, 151-158.	5.0	21
11	Nutrient cycling in tropical and temperate coastal waters: Is latitude making a difference?. Estuarine, Coastal and Shelf Science, 2021, 262, 107571.	2.1	19
12	A source of CO2 to the atmosphere throughout the year in the Maranhense continental shelf (2Â°30'S,) Tj ETQq0 0 0 rgBT /Overlock 10	1.8	18
13	Spatial Variations of Phytoplankton Biomass Controlled by River Plume Dynamics Over the Lower Changjiang Estuary and Adjacent Shelf Based on High-Resolution Observations. Frontiers in Marine Science, 2020, 7, .	2.5	18
14	Influence of seasonal variation and anthropogenic activity on phosphorus cycling and retention in mangrove sediments: A case study in China. Estuarine, Coastal and Shelf Science, 2018, 202, 134-144.	2.1	17
15	Distribution and degradation of terrestrial organic matter in the sediments of peat-draining rivers, Sarawak, Malaysian Borneo. Biogeosciences, 2019, 16, 4517-4533.	3.3	17
16	Equity in science: advocating for a triple-blind review system. Trends in Ecology and Evolution, 2021, 36, 957-959.	8.7	16
17	Influence of labile dissolved organic matter on nitrate reduction in a seepage face. Environmental Science and Pollution Research, 2018, 25, 10654-10667.	5.3	15
18	Nitrate in the Changjiang diluted water: an isotopic evaluation on sources and reaction pathways. Journal of Oceanology and Limnology, 2021, 39, 830-845.	1.3	14

#	Article	IF	Citations
19	Cobalt nanoparticle catalysed graphitization and the effect of metal precursor decomposition temperature. Materials Advances, 0, , .	5.4	14
20	Geochemical tracers in submarine groundwater discharge research: practice and challenges from a view of climate changes. Environmental Reviews, 2021, 29, 242-259.	4.5	14
21	Nitrogen isotopic analysis of nitrate in aquatic environment using cadmiumâ€“hydroxylamine hydrochloride reduction. Rapid Communications in Mass Spectrometry, 2020, 34, e8804.	1.5	10
22	Distribution and behaviour of dissolved selenium in tropical peatland-draining rivers and estuaries of Malaysia. Biogeosciences, 2020, 17, 1133-1145.	3.3	10
23	Influence of polycyclic aromatic hydrocarbons on nitrate reduction capability in mangrove sediments. Marine Pollution Bulletin, 2017, 122, 366-375.	5.0	9
24	Distribution and flux of dissolved iron in the peatland-draining rivers and estuaries of Sarawak, Malaysian Borneo. Biogeosciences, 2020, 17, 1805-1819.	3.3	9
25	Effects of algal blooms on selenium species dynamics: A case study in the Changjiang Estuary, China. Science of the Total Environment, 2021, 768, 144235.	8.0	9
26	Denitrification-nitrification process in permeable coastal sediments: An investigation on the effect of salinity and nitrate availability using flow-through reactors. Acta Oceanologica Sinica, 2021, 40, 1-12.	1.0	9
27	Nitrogen in Atmospheric Wet Depositions Over the East Indian Ocean and West Pacific Ocean: Spatial Variability, Source Identification, and Potential Influences. Frontiers in Marine Science, 2021, 7, .	2.5	7
28	Response of Nitrate Processing to Bio-labile Dissolved Organic Matter Supply Under Variable Oxygen Conditions in a Sandy Beach Seepage Face. Frontiers in Marine Science, 2021, 8, .	2.5	7
29	Benthic microbial biogeography along the continental shelf shaped by substrates from the Changjiang River plume. Acta Oceanologica Sinica, 2022, 41, 118-131.	1.0	7
30	Evaluation of the suitability of vacutainers for storage of nutrient and dissolved organic carbon analytes in water samples. Biology and Environment, 2017, 117B, 33.	0.3	5
31	Biogeographical distribution of microbial communities along the Rajang Riverâ€“South China Sea continuum. Biogeosciences, 2019, 16, 4243-4260.	3.3	4
32	Investigation of soil microbiota reveals variable dominant species at different land areas in China. Biotechnology and Biotechnological Equipment, 2022, 36, 245-255.	1.3	4
33	Short-term influence of nutrient availability on the uptake and translocation of phenanthrene in mangrove seedlings. Toxicological and Environmental Chemistry, 2018, 100, 334-347.	1.2	3
34	The nonconservative distribution pattern of organic matter in the Rajang, a tropical river with peatland in its estuary. Biogeosciences, 2020, 17, 2473-2485.	3.3	3
35	Microbiota for Nitrogen Removal in Wastewater Treatments and Marine Environments: Advocating Communication and Interactive Research. Frontiers in Environmental Science, 2021, 9, .	3.3	3
36	Spatial distribution and behavior of dissolved selenium speciation in the South China Sea and Malacca Straits during spring inter-monsoon period. Acta Oceanologica Sinica, 2021, 40, 1-13.	1.0	2

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37	Editorial: Efficient Treatment of Industrial Wastewater With Microbiome and Synthetic Biology. Frontiers in Environmental Science, 2022, 10, .	3.3	2
38	Deep Feature Migration for Real-Time Mapping of Urban Street Shading Coverage Index Based on Street-Level Panorama Images. Remote Sensing, 2022, 14, 1796.	4.0	1
39	Editorial: Solving Complex Ocean Challenges Through Interdisciplinary Research: Advances from Early Career Marine Scientists. Frontiers in Marine Science, 2022, 9, .	2.5	1
40	Synchronous Shifts in Nutrients and Organic Carbon Responses Over the Diatom-to-Dinoflagellate Succession. Frontiers in Marine Science, 2022, 9, .	2.5	0
41	Fractionation of Dissolved Selenium Isotopic composition during a Phytoplankton Bloom in an Estuary. Geochimica Et Cosmochimica Acta, 2022, 328, 153-167.	3.9	0