

# Shan Jiang

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Benthic microbial biogeography along the continental shelf shaped by substrates from the Changjiang River plume. <i>Acta Oceanologica Sinica</i> , 2022, 41, 118-131.	1.0	7
2	Synchronous Shifts in Nutrients and Organic Carbon Responses Over the Diatom-to-Dinoflagellate Succession. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	0
3	Deep Feature Migration for Real-Time Mapping of Urban Street Shading Coverage Index Based on Street-Level Panorama Images. <i>Remote Sensing</i> , 2022, 14, 1796.	4.0	1
4	Editorial: Efficient Treatment of Industrial Wastewater With Microbiome and Synthetic Biology. <i>Frontiers in Environmental Science</i> , 2022, 10, .	3.3	2
5	Investigation of soil microbiota reveals variable dominant species at different land areas in China. <i>Biotechnology and Biotechnological Equipment</i> , 2022, 36, 245-255.	1.3	4
6	Editorial: Solving Complex Ocean Challenges Through Interdisciplinary Research: Advances from Early Career Marine Scientists. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	1
7	Fractionation of Dissolved Selenium Isotopic composition during a Phytoplankton Bloom in an Estuary. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 328, 153-167.	3.9	0
8	Nitrate in the Changjiang diluted water: an isotopic evaluation on sources and reaction pathways. <i>Journal of Oceanology and Limnology</i> , 2021, 39, 830-845.	1.3	14
9	Nitrogen in Atmospheric Wet Depositions Over the East Indian Ocean and West Pacific Ocean: Spatial Variability, Source Identification, and Potential Influences. <i>Frontiers in Marine Science</i> , 2021, 7, .	2.5	7
10	Effects of algal blooms on selenium species dynamics: A case study in the Changjiang Estuary, China. <i>Science of the Total Environment</i> , 2021, 768, 144235.	8.0	9
11	Geochemical tracers in submarine groundwater discharge research: practice and challenges from a view of climate changes. <i>Environmental Reviews</i> , 2021, 29, 242-259.	4.5	14
12	Response of Nitrate Processing to Bio-labile Dissolved Organic Matter Supply Under Variable Oxygen Conditions in a Sandy Beach Seepage Face. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	7
13	Spatial distribution and behavior of dissolved selenium speciation in the South China Sea and Malacca Straits during spring inter-monsoon period. <i>Acta Oceanologica Sinica</i> , 2021, 40, 1-13.	1.0	2
14	Equity in science: advocating for a triple-blind review system. <i>Trends in Ecology and Evolution</i> , 2021, 36, 957-959.	8.7	16
15	Nutrient cycling in tropical and temperate coastal waters: Is latitude making a difference?. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 262, 107571.	2.1	19
16	Denitrification-nitrification process in permeable coastal sediments: An investigation on the effect of salinity and nitrate availability using flow-through reactors. <i>Acta Oceanologica Sinica</i> , 2021, 40, 1-12.	1.0	9
17	Microbiota for Nitrogen Removal in Wastewater Treatments and Marine Environments: Advocating Communication and Interactive Research. <i>Frontiers in Environmental Science</i> , 2021, 9, .	3.3	3
18	Spatial Variations of Phytoplankton Biomass Controlled by River Plume Dynamics Over the Lower Changjiang Estuary and Adjacent Shelf Based on High-Resolution Observations. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	18

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19	Nitrogen isotopic analysis of nitrate in aquatic environment using cadmium-hydroxylamine hydrochloride reduction. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8804.	1.5	10
20	Distribution and behaviour of dissolved selenium in tropical peatland-draining rivers and estuaries of Malaysia. <i>Biogeosciences</i> , 2020, 17, 1133-1145.	3.3	10
21	Organic carbon in a seepage face of a subterranean estuary: Turnover and microbial interrelations. <i>Science of the Total Environment</i> , 2020, 725, 138220.	8.0	29
22	Distribution and flux of dissolved iron in the peatland-draining rivers and estuaries of Sarawak, Malaysian Borneo. <i>Biogeosciences</i> , 2020, 17, 1805-1819.	3.3	9
23	The nonconservative distribution pattern of organic matter in the Rajang, a tropical river with peatland in its estuary. <i>Biogeosciences</i> , 2020, 17, 2473-2485.	3.3	3
24	Dissolved inorganic nitrogen in a tropical estuary in Malaysia: transport and transformation. <i>Biogeosciences</i> , 2019, 16, 2821-2836.	3.3	34
25	Shape-persistent porous organic cage supported palladium nanoparticles as heterogeneous catalytic materials. <i>Nanoscale</i> , 2019, 11, 14929-14936.	5.6	29
26	Biogeographical distribution of microbial communities along the Rajang River-South China Sea continuum. <i>Biogeosciences</i> , 2019, 16, 4243-4260.	3.3	4
27	Distribution and degradation of terrestrial organic matter in the sediments of peat-draining rivers, Sarawak, Malaysian Borneo. <i>Biogeosciences</i> , 2019, 16, 4517-4533.	3.3	17
28	Influence of labile dissolved organic matter on nitrate reduction in a seepage face. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10654-10667.	5.3	15
29	Influence of seasonal variation and anthropogenic activity on phosphorus cycling and retention in mangrove sediments: A case study in China. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 202, 134-144.	2.1	17
30	Short-term influence of nutrient availability on the uptake and translocation of phenanthrene in mangrove seedlings. <i>Toxicological and Environmental Chemistry</i> , 2018, 100, 334-347.	1.2	3
31	Response of phenolic metabolism to cadmium and phenanthrene and its influence on pollutant translocations in the mangrove plant <i>Aegiceras corniculatum</i> (L.) Blanco (Ac). <i>Ecotoxicology and Environmental Safety</i> , 2017, 141, 290-297.	6.0	36
32	A source of CO <sub>2</sub> to the atmosphere throughout the year in the Maranhense continental shelf (2°30'S). <i>Journal of Geophysical Research</i> , 2017, 122, 11800-11810.	1.8	18
33	Response of low-molecular-weight organic acids in mangrove root exudates to exposure of polycyclic aromatic hydrocarbons. <i>Environmental Science and Pollution Research</i> , 2017, 24, 12484-12493.	5.3	29
34	Influence of polycyclic aromatic hydrocarbons on nitrate reduction capability in mangrove sediments. <i>Marine Pollution Bulletin</i> , 2017, 122, 366-375.	5.0	9
35	Net Heterotrophy in the Amazon Continental Shelf Changes Rapidly to a Sink of CO <sub>2</sub> in the Outer Amazon Plume. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	22
36	Evaluation of the suitability of vacutainers for storage of nutrient and dissolved organic carbon analytes in water samples. <i>Biology and Environment</i> , 2017, 117B, 33.	0.3	5

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37	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
38	Rhizodegradation potential and tolerance of <i>Avicennia marina</i> (Forsk.) Vierh in phenanthrene and pyrene contaminated sediments. Marine Pollution Bulletin, 2016, 110, 112-118.	5.0	33
39	Effects of conventional and biodegradable microplastics on a marine ecosystem engineer ( <i>Arenicola</i> ) Tj ETQq1 1 0.784314 rgBT /Over 7.5 310	7.5	310
40	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
41	Cobalt nanoparticle catalysed graphitization and the effect of metal precursor decomposition temperature. Materials Advances, 0, , .	5.4	14