Bin Yang

List of Publications by Year
in descending order

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31	800	471061	500791
papers	citations	17	28
		h-index	g-index

31	31	31	683
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Distribution of microplastics in surface water and sediments of Qin river in Beibu Gulf, China. Science of the Total Environment, 2020, 708, 135176.	3.9	153
2	Biogeochemistry of bulk organic matter and biogenic elements in surface sediments of the Yangtze River Estuary and adjacent sea. Marine Pollution Bulletin, 2015, 96, 471-484.	2.3	63
3	Submarine Groundwaterâ€Borne Nutrients in a Tropical Bay (Maowei Sea, China) and Their Impacts on the Oyster Aquaculture. Geochemistry, Geophysics, Geosystems, 2018, 19, 932-951.	1.0	54
4	Phosphorus speciation and availability in sediments off the eastern coast of Hainan Island, South China Sea. Continental Shelf Research, 2016, 118, 111-127.	0.9	50
5	Organophosphorus flame retardants (OPFRs) in the seawater and sediments of the Qinzhou Bay, Northern Beibu Gulf: Occurrence, distribution, and ecological risks. Marine Pollution Bulletin, 2021, 168, 112368.	2.3	44
6	Geochemical characteristics of phosphorus in surface sediments from the continental shelf region of the northern South China Sea. Marine Chemistry, 2018, 198, 44-55.	0.9	34
7	Phosphorus chemical speciation and seasonal variations in surface sediments of the Maowei Sea, northern Beibu Gulf. Marine Pollution Bulletin, 2019, 141, 61-69.	2.3	32
8	Geochemical discrimination of bulk organic matter in surface sediments of the Cross River estuary system and adjacent shelf, South East Nigeria (West Africa). Science of the Total Environment, 2019, 678, 351-368.	3.9	29
9	Phosphorus recycling and burial in core sediments of the East China Sea. Marine Chemistry, 2017, 192, 59-72.	0.9	28
10	Partitioning and transformation of organic and inorganic phosphorus among dissolved, colloidal and particulate phases in a hypereutrophic freshwater estuary. Water Research, 2021, 196, 117025.	5.3	28
11	Geochemical fractionation, potential bioavailability and ecological risk of phosphorus in surface sediments of the Cross River estuary system and adjacent shelf, South East Nigeria (West Africa). Journal of Marine Systems, 2020, 201, 103244.	0.9	27
12	Nutrient absorption by Ulva prolifera and the growth mechanism leading to green-tides. Estuarine, Coastal and Shelf Science, 2019, 227, 106329.	0.9	26
13	Spatiotemporal variations of biogenic elements and sources of sedimentary organic matter in the largest oyster mariculture bay (Maowei Sea), Southwest China. Science of the Total Environment, 2020, 730, 139056.	3.9	26
14	Phaeocystis globosa Bloom Monitoring: Based on P. globosa Induced Seawater Viscosity Modification Adjacent to a Nuclear Power Plant in Qinzhou Bay, China. Journal of Ocean University of China, 2020, 19, 1207-1220.	0.6	22
15	Influence of natural and anthropogenic factors on spatial-temporal hydrochemistry and the susceptibility to nutrient enrichment in a subtropical estuary. Marine Pollution Bulletin, 2019, 146, 945-954.	2.3	21
16	Bulk sedimentary phosphorus in relation to organic carbon, sediment textural properties and hydrodynamics in the northern Beibu Gulf, South China Sea. Marine Pollution Bulletin, 2020, 155, 111176.	2.3	21
17	Spatial Variations in the Abundance and Chemical Speciation of Phosphorus across the Riverâ€“Sea Interface in the Northern Beibu Gulf. Water (Switzerland), 2018, 10, 1103.	1.2	18
18	Biogeochemistry of dissolved and particulate phosphorus speciation in the Maowei Sea, northern Beibu Gulf. Journal of Hydrology, 2021, 593, 125822.	2.3	18

#	Article	IF	Citations
19	Influence of sedimentary organic matter sources on the distribution characteristics and preservation status of organic carbon, nitrogen, phosphorus, and biogenic silica in the Daya Bay, northern South China Sea. Science of the Total Environment, 2021, 783, 146899.	3.9	17
20	Spatio-temporal variations of sea surface halocarbon concentrations and fluxes from southern Yellow Sea. Biogeochemistry, 2014, 121, 369-388.	1.7	15
21	Causal relationship between alkaline phosphatase activities and phosphorus dynamics in a eutrophic coastal lagoon in Lake Michigan. Science of the Total Environment, 2021, 787, 147681.	3.9	13
22	Distributions and sources of volatile chlorocarbons and bromocarbons in the Yellow Sea and East China Sea. Marine Pollution Bulletin, 2015, 95, 491-502.	2.3	12
23	Composition and Distributions of Nitrogen and Phosphorus and Assessment of Eutrophication Status in the Maowei Sea. Journal of Ocean University of China, 2021, 20, 361-371.	0.6	11
24	Compositions and spatio-temporal distributions of different nitrogen species and lability of dissolved organic nitrogen from the Dafengjiang River to the Sanniang Bay, China. Marine Pollution Bulletin, 2020, 156, 111205.	2.3	9
25	Sources, burial flux and mass inventory of black carbon in surface sediments of the Daya Bay, a typical mariculture bay of China. Marine Pollution Bulletin, 2022, 179, 113708.	2.3	9
26	Organic carbon remineralization rate in global marine sediments: A review. Regional Studies in Marine Science, 2022, 49, 102112.	0.4	5
27	Phosphorus biogeochemical cycling in intertidal surface sediments from the Maowei Sea in the northern Beibu Gulf. Regional Studies in Marine Science, 2019, 28, 100624.	0.4	4
28	Influences of phosphorus concentration and porewater advection on phosphorus dynamics in carbonate sands around the Weizhou Island, northern South China Sea. Marine Pollution Bulletin, 2020, 160, 111668.	2.3	4
29	Periodic density as an endpoint of customized plankton community responses to petroleum hydrocarbons: A level of toxic effect should be matched with a suitable time scale. Ecotoxicology and Environmental Safety, 2020, 201, 110723.	2.9	3
30	An Empirical Constitutive Correlation for Regular Jugged Discontinuity of Rock Surfaces. Advances in Applied Mathematics and Mechanics, 2013, 5, 258-268.	0.7	2
31	Distribution characteristics and ecological evaluation of chlorobenzene compounds in surface sediment of the Maowei Sea, Guangxi, China. Environmental Monitoring and Assessment, 2019, 191, 309.	1.3	2