

# Bin Yang

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31  
papers

402  
citations

12  
h-index

19  
g-index

31  
ext. papers

610  
ext. citations

5.5  
avg, IF

4.16  
L-index

#	Paper	IF	Citations
31	Distribution of microplastics in surface water and sediments of Qin river in Beibu Gulf, China. <i>Science of the Total Environment</i> , <b>2020</b> , 708, 135176	10.2	71
30	Biogeochemistry of bulk organic matter and biogenic elements in surface sediments of the Yangtze River Estuary and adjacent sea. <i>Marine Pollution Bulletin</i> , <b>2015</b> , 96, 471-84	6.7	45
29	Phosphorus speciation and availability in sediments off the eastern coast of Hainan Island, South China Sea. <i>Continental Shelf Research</i> , <b>2016</b> , 118, 111-127	2.4	40
28	Submarine Groundwater-Borne Nutrients in a Tropical Bay (Maowei Sea, China) and Their Impacts on the Oyster Aquaculture. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2018</b> , 19, 932-951	3.6	34
27	Geochemical characteristics of phosphorus in surface sediments from the continental shelf region of the northern South China Sea. <i>Marine Chemistry</i> , <b>2018</b> , 198, 44-55	3.7	26
26	Phosphorus recycling and burial in core sediments of the East China Sea. <i>Marine Chemistry</i> , <b>2017</b> , 192, 59-72	3.7	21
25	Phosphorus chemical speciation and seasonal variations in surface sediments of the Maowei Sea, northern Beibu Gulf. <i>Marine Pollution Bulletin</i> , <b>2019</b> , 141, 61-69	6.7	21
24	Nutrient absorption by <i>Ulva prolifera</i> and the growth mechanism leading to green-tides. <i>Estuarine, Coastal and Shelf Science</i> , <b>2019</b> , 227, 106329	2.9	14
23	Spatio-temporal variations of sea surface halocarbon concentrations and fluxes from southern Yellow Sea. <i>Biogeochemistry</i> , <b>2014</b> , 121, 369-388	3.8	14
22	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). <i>Journal of Marine Systems</i> , <b>2020</b> , 201, 103244	2.7	14
21	Geochemical discrimination of bulk organic matter in surface sediments of the Cross River estuary system and adjacent shelf, South East Nigeria (West Africa). <i>Science of the Total Environment</i> , <b>2019</b> , 678, 351-368	10.2	12
20	Distributions and sources of volatile chlorocarbons and bromocarbons in the Yellow Sea and East China Sea. <i>Marine Pollution Bulletin</i> , <b>2015</b> , 95, 491-502	6.7	12
19	Bulk sedimentary phosphorus in relation to organic carbon, sediment textural properties and hydrodynamics in the northern Beibu Gulf, South China Sea. <i>Marine Pollution Bulletin</i> , <b>2020</b> , 155, 111176	6.7	11
18	Influence of natural and anthropogenic factors on spatial-temporal hydrochemistry and the susceptibility to nutrient enrichment in a subtropical estuary. <i>Marine Pollution Bulletin</i> , <b>2019</b> , 146, 945-954	6.7	10
17	Spatiotemporal variations of biogenic elements and sources of sedimentary organic matter in the largest oyster mariculture bay (Maowei Sea), Southwest China. <i>Science of the Total Environment</i> , <b>2020</b> , 730, 139056	10.2	9
16	Organophosphorus flame retardants (OPFRs) in the seawater and sediments of the Qinzhou Bay, Northern Beibu Gulf: Occurrence, distribution, and ecological risks. <i>Marine Pollution Bulletin</i> , <b>2021</b> , 168, 112368	6.7	9
15	Spatial Variations in the Abundance and Chemical Speciation of Phosphorus across the River-Sea Interface in the Northern Beibu Gulf. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 1103	3	9

14	Phaeocystis globosa Bloom Monitoring: Based on P. globosa Induced Seawater Viscosity Modification Adjacent to a Nuclear Power Plant in Qinzhou Bay, China. <i>Journal of Ocean University of China</i> , <b>2020</b> , 19, 1207-1220	1	6
13	Partitioning and transformation of organic and inorganic phosphorus among dissolved, colloidal and particulate phases in a hypereutrophic freshwater estuary. <i>Water Research</i> , <b>2021</b> , 196, 117025	12.5	5
12	Causal relationship between alkaline phosphatase activities and phosphorus dynamics in a eutrophic coastal lagoon in Lake Michigan. <i>Science of the Total Environment</i> , <b>2021</b> , 787, 147681	10.2	4
11	Phosphorus biogeochemical cycling in intertidal surface sediments from the Maowei Sea in the northern Beibu Gulf. <i>Regional Studies in Marine Science</i> , <b>2019</b> , 28, 100624	1.5	3
10	Compositions and spatio-temporal distributions of different nitrogen species and lability of dissolved organic nitrogen from the Dafengjiang River to the Sanniang Bay, China. <i>Marine Pollution Bulletin</i> , <b>2020</b> , 156, 111205	6.7	3
9	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. <i>Science of the Total Environment</i> , <b>2021</b> , 783, 146899	10.2	3
8	An Empirical Constitutive Correlation for Regular Jugged Discontinuity of Rock Surfaces. <i>Advances in Applied Mathematics and Mechanics</i> , <b>2013</b> , 5, 258-268	2.1	2
7	Biogeochemistry of dissolved and particulate phosphorus speciation in the Maowei Sea, northern Beibu Gulf. <i>Journal of Hydrology</i> , <b>2021</b> , 593, 125822	6	2
6	Influences of phosphorus concentration and porewater advection on phosphorus dynamics in carbonate sands around the Weizhou Island, northern South China Sea. <i>Marine Pollution Bulletin</i> , <b>2020</b> , 160, 111668	6.7	1
5	Composition and Distributions of Nitrogen and Phosphorus and Assessment of Eutrophication Status in the Maowei Sea. <i>Journal of Ocean University of China</i> , <b>2021</b> , 20, 361-371	1	1
4	Distribution characteristics and ecological evaluation of chlorobenzene compounds in surface sediment of the Maowei Sea, Guangxi, China. <i>Environmental Monitoring and Assessment</i> , <b>2019</b> , 191, 309	3.1	0
3	Organic carbon remineralization rate in global marine sediments: A review. <i>Regional Studies in Marine Science</i> , <b>2022</b> , 49, 102112	1.5	0
2	Sources, burial flux and mass inventory of black carbon in surface sediments of the Daya Bay, a typical mariculture bay of China.. <i>Marine Pollution Bulletin</i> , <b>2022</b> , 179, 113708	6.7	0
1	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. <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 201, 110723	7	0