

Shaowu Bao

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

832
citations

840776

11
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

1145
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence of microplastics in the beach sand of the Chinese inner sea: the Bohai Sea. <i>Environmental Pollution</i> , 2016, 214, 722-730.	7.5	291
2	Occurrence and distribution of microplastics at selected coastal sites along the southeastern United States. <i>Science of the Total Environment</i> , 2018, 613-614, 298-305.	8.0	161
3	A Real-Time Hurricane Surface Wind Forecasting Model: Formulation and Verification. <i>Monthly Weather Review</i> , 2006, 134, 1355-1370.	1.4	102
4	Natural Fibers: A Missing Link to Chemical Pollution Dispersion in Aquatic Environments. <i>Environmental Science & Technology</i> , 2015, 49, 12609-12610.	10.0	76
5	Extreme flooding mobilized dissolved organic matter from coastal forested wetlands. <i>Biogeochemistry</i> , 2017, 136, 293-309.	3.5	43
6	Sensitivity of wind waves to hurricane wind characteristics. <i>Ocean Modelling</i> , 2007, 18, 37-52.	2.4	32
7	A numerical study of the effect of hurricane wind asymmetry on storm surge and inundation. <i>Ocean Modelling</i> , 2011, 36, 71-79.	2.4	26
8	Ensemble projection of the sea level rise impact on storm surge and inundation at the coast of Bangladesh. <i>Natural Hazards and Earth System Sciences</i> , 2018, 18, 351-364.	3.6	25
9	Concentration and isotopic composition of mercury in a blackwater river affected by extreme flooding events. <i>Limnology and Oceanography</i> , 2020, 65, 2158-2169.	3.1	16
10	Hurricane resulted in releasing more nitrogenous than carbonaceous disinfection byproduct precursors in coastal watersheds. <i>Science of the Total Environment</i> , 2020, 705, 135785.	8.0	15
11	Hurricane Matthew (2016) and its impact under global warming scenarios. <i>Modeling Earth Systems and Environment</i> , 2018, 4, 97-109.	3.4	14
12	Dynamical Ocean Responses to Typhoon Malakas (2016) in the Vicinity of Taiwan. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016663.	2.6	12
13	SAR Observation and Numerical Simulation of Mountain Lee Waves Near Kuril Islands Forced by an Extratropical Cyclone. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2016, 54, 7157-7165.	6.3	10
14	Frequency and Characteristics of Inland Advecting Sea Breezes in the Southeast United States. <i>Atmosphere</i> , 2021, 12, 950.	2.3	7
15	The Need and Rationale for a Coastal Flood Risk Index. , 2018, , .		1