

# Hongyan Bao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7004418/publications.pdf>

Version: 2024-02-01

26  
papers

856  
citations

471371

17  
h-index

552653

26  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1065  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aerosols as a source of dissolved black carbon to the ocean. <i>Nature Communications</i> , 2017, 8, 510.	5.8	106
2	Climate warming alters subsoil but not topsoil carbon dynamics in alpine grassland. <i>Global Change Biology</i> , 2019, 25, 4383-4393.	4.2	94
3	Deciphering dissolved organic matter by Fourier transform ion cyclotron resonance mass spectrometry (FT-ICR MS): from bulk to fractions and individuals. , 2022, 1, .		49
4	The impacts of reservoirs on the sources and transport of riverine organic carbon in the karst area: A multi-tracer study. <i>Water Research</i> , 2021, 194, 116933.	5.3	46
5	Biogeochemical behavior of organic carbon in a small tropical river and estuary, Hainan, China. <i>Continental Shelf Research</i> , 2013, 57, 32-43.	0.9	42
6	Impact of the conversion of mangroves into aquaculture ponds on the sedimentary organic matter composition in a tidal flat estuary (Hainan Island, China). <i>Continental Shelf Research</i> , 2013, 57, 82-91.	0.9	38
7	Spatial and temporal variation of dissolved organic matter in the Changjiang: Fluvial transport and flux estimation. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 1870-1886.	1.3	38
8	Molecular composition and origin of water-soluble organic matter in marine aerosols in the Pacific off China. <i>Atmospheric Environment</i> , 2018, 191, 27-35.	1.9	38
9	Sources of reactive nitrogen in marine aerosol over the Northwest Pacific Ocean in spring. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 6207-6222.	1.9	38
10	Different Responses of Dissolved Black Carbon and Dissolved Lignin to Seasonal Hydrological Changes and an Extreme Rain Event. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 479-493.	1.3	38
11	Temporal variability of particulate organic carbon in the lower Changjiang (Yangtze River) in the post-Three Gorges Dam period: Links to anthropogenic and climate impacts. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 2194-2211.	1.3	37
12	Sources of organic matter in Changjiang (Yangtze River) bed sediments: Preliminary insights from organic geochemical proxies. <i>Organic Geochemistry</i> , 2015, 85, 11-21.	0.9	36
13	Sources, Transport, and Transformation of Dissolved Organic Matter in a Large River System: Illustrated by the Changjiang River, China. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 3881-3901.	1.3	34
14	Composition and flux of suspended organic matter in the middle and lower reaches of the Changjiang (Yangtze River) - impact of the Three Gorges Dam and the role of tributaries and channel erosion. <i>Hydrological Processes</i> , 2014, 28, 1137-1147.	1.1	31
15	Sources, transformation and fate of particulate amino acids and hexosamines under varying hydrological regimes in the tropical Wenchang/Wenjiao Rivers and Estuary, Hainan, China. <i>Continental Shelf Research</i> , 2013, 57, 44-58.	0.9	30
16	Importance of Oceanian small mountainous rivers (SMRs) in global land-to-ocean output of lignin and modern biospheric carbon. <i>Scientific Reports</i> , 2015, 5, 16217.	1.6	29
17	Dissolved organic matter in coastal rainwater: Concentration, bioavailability and depositional flux to seawater in southeastern China. <i>Marine Chemistry</i> , 2018, 205, 48-55.	0.9	27
18	Sources and distributions of terrigenous organic matter in a mangrove fringed small tropical estuary in South China. <i>Acta Oceanologica Sinica</i> , 2013, 32, 18-26.	0.4	18

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19	Runoff-driven export of terrigenous particulate organic matter from a small mountainous river: sources, fluxes and comparisons among different rivers. <i>Biogeochemistry</i> , 2020, 147, 71-86.	1.7	14
20	Multiproxy probing of anthropogenic influences on the different components of dissolved organic matter in coastal rainwater. <i>Science of the Total Environment</i> , 2022, 824, 153846.	3.9	12
21	Distribution of organic carbon and lignin in soils in a subtropical small mountainous river basin. <i>Geoderma</i> , 2017, 306, 81-88.	2.3	9
22	Lacustrine lignin biomarker record reveals a severe drought during the late Younger Dryas in southern Taiwan. <i>Journal of Asian Earth Sciences</i> , 2017, 135, 281-290.	1.0	8
23	Sulfur Geochemistry of a Lacustrine Record from Taiwan Reveals Enhanced Marine Aerosol Input during the Early Holocene. <i>Scientific Reports</i> , 2016, 6, 38989.	1.6	6
24	Vertical profiles of <sup>90</sup> Sr activities in seawater in the Greenland Sea, Chukchi Sea and Arctic Ocean. <i>Marine Pollution Bulletin</i> , 2019, 141, 299-306.	2.3	5
25	Temporal Variations in Radionuclide Activity ( <sup>7</sup> Be and <sup>210</sup> Pb) in Surface Aerosols at a Coastal Site in Southeastern China. <i>Aerosol and Air Quality Research</i> , 2019, 19, 1969-1979.	0.9	2
26	Differential Response of Nutrients to Seasonal Hydrological Changes and a Rain Event in a Subtropical Watershed, Southeast China. <i>Water (Switzerland)</i> , 2022, 14, 834.	1.2	1