Jing Zhang

List of Publications by Year
in descending order

27 papers	1,012 citations	687363 13 h-index	610901 24 g-index
28 all docs	28 docs citations	28 times ranked	1141 citing authors

#	Article	IF	Citations
1	Rare earth elements and yttrium in seawater: ICP-MS determinations in the East Caroline, Coral Sea, and South Fiji basins of the western South Pacific Ocean. Geochimica Et Cosmochimica Acta, 1996, 60, 4631-4644.	3.9	394
2	Behavior of rare earth elements in seawater at the ocean margin: a study along the slopes of the Sagami and Nankai troughs near Japan. Geochimica Et Cosmochimica Acta, 1998, 62, 1307-1317.	3.9	108
3	Using radium isotopes to estimate the residence time and the contribution of submarine groundwater discharge (SGD) in the Changjiang effluent plume, East China Sea. Continental Shelf Research, 2012, 35, 95-107.	1.8	85
4	Neodymium isotopic variations in Northwest Pacific waters. Geochimica Et Cosmochimica Acta, 2004, 68, 715-727.	3.9	81
5	Major and rare earth elements in rainwaters from Japan and East China Sea: Natural and anthropogenic sources. Chemical Geology, 2004, 209, 315-326.	3.3	58
6	Biogeochemistry of Chinese estuarine and coastal waters: nutrients, trace metals and biomarkers. Regional Environmental Change, 2002, 3, 65-76.	2.9	56
7	Determination of Nd Isotopes in Water: A Chemical Separation Technique for Extracting Nd from Seawater Using a Chelating Resin. Analytical Chemistry, 2011, 83, 1336-1341.	6.5	35
8	Discovery of asphalt seeps in the deep Southwest Atlantic off Brazil. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 146, 35-44.	1.4	32
9	Water Mass Analysis and Endâ€Member Mixing Contribution Using Coupled Radiogenic Nd Isotopes and Nd Concentrations: Interaction Between Marginal Seas and the Northwestern Pacific. Geophysical Research Letters, 2018, 45, 2388-2395.	4.0	23
10	Submarine Groundwater Discharge helps making nearshore waters heterotrophic. Scientific Reports, 2018, 8, 11650.	3.3	20
11	A Feasibility Study of Rare-Earth Element Vapor Generation by Nebulized Film Dielectric Barrier Discharge and Its Application in Environmental Sample Determination. Analytical Chemistry, 2020, 92, 2535-2542.	6.5	19
12	Water Mass Control on Phytoplankton Spatiotemporal Variations in the Northeastern East China Sea and the Western Tsushima Strait Revealed by Lipid Biomarkers. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 1318-1332.	3.0	17
13	Possible source of advected water mass and residence times in the multi-structured Sea of Japan using rare earth elements. Geophysical Research Letters, 2006, 33, .	4.0	15
14	Temporal changes and impacts of submarine fresh groundwater discharge to the coastal environment: A decadal case study in Toyama Bay, Japan. Journal of Geophysical Research: Oceans, 2013, 118, 2610-2622.	2.6	12
15	Discovery and biogeochemistry of asphalt seeps in the North SÃ£o Paulo Plateau, Brazilian Margin. Scientific Reports, 2018, 8, 12619.	3.3	10
16	Budget of riverine nitrogen over the East China Sea shelf. Environmental Pollution, 2021, 289, 117915.	7.5	8
17	A Shift from Snow to Rain in Midlatitude Japan Increases Fresh Submarine Groundwater Discharge and Doubled Inorganic Carbon Flux over 20 Years. Environmental Science & Technology, 2021, 55, 14667-14675.	10.0	6
18	Significance of nutrients in oxygen-depleted bottom waters via various origins on the mid-outer shelf of the East China Sea during summer. Science of the Total Environment, 2022, 826, 154083.	8.0	6

#	Article	IF	Citations
19	Phytoplankton Distributions in the Kuroshio-Oyashio Region of the Northwest Pacific Ocean: Implications for Marine Ecology and Carbon Cycle. Frontiers in Marine Science, 2022, 9, .	2.5	6
20	A quarter-century of nutrient load reduction leads to halving river nutrient fluxes and increasing nutrient limitation in coastal waters of central Japan. Environmental Monitoring and Assessment, 2021, 193, 573.	2.7	5
21	Sources and fluxes of rare earth elements in wet deposition at a Chinese coastal city downstream of the Asian continental outflow. Atmospheric Environment, 2022, 269, 118843.	4.1	4
22	Revisiting the Carbonate Chemistry of the Sea of Japan (East Sea): From Water Column to Sediment. Journal of Marine Science and Engineering, 2022, 10, 438.	2.6	4
23	Millennial-scale fluctuations in water volume transported by the Tsushima Warm Current in the Japan Sea during the Holocene. Global and Planetary Change, 2019, 183, 103028.	3.5	3
24	A driving factor for harmful algal blooms in the East China Sea coastal marine ecosystems â€" Implications of Kuroshio subsurface water invasion. Marine Pollution Bulletin, 2022, 181, 113871.	5.0	3
25	Refining the contribution of riverine particulate release to the global marine Nd budget. Progress in Earth and Planetary Science, 2022, 9, .	3.0	2
26	Rare Earth Elements and Their Isotopes in the Ocean. , 2019, , 181-197.		0
27	From Land to Ocean: Water and Material Supply and Its Changes. Trends in the Sciences, 2022, 27, 1_22-1_27.	0.0	0