

Zhaokai Xu

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

879
citations

430754

18
h-index

501076

28
g-index

45
all docs

45
docs citations

45
times ranked

819
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate evolution of southwest Australia in the Miocene and its main controlling factors. <i>Science China Earth Sciences</i> , 2022, 65, 1104-1115.	2.3	1
2	First Record of Oceanic Anoxic Event 1d at Southern High Latitudes: Sedimentary and Geochemical Evidence From International Ocean Discovery Program Expedition 369. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	4
3	Climate and sea level forcing of terrigenous sediments input to the eastern Arabian Sea since the last glacial period. <i>Marine Geology</i> , 2022, 450, 106860.	0.9	2
4	REE fractionation and quantification of sediment source in the Yellow Sea mud deposits, East Asian marginal sea. <i>Continental Shelf Research</i> , 2021, 217, 104374.	0.9	3
5	Enhancements of Himalayan and Tibetan Erosion and the Produced Organic Carbon Burial in Distal Tropical Marginal Seas During the Quaternary Glacial Periods: An Integration of Sedimentary Records. <i>Journal of Geophysical Research F: Earth Surface</i> , 2021, 126, e2020JF005828.	1.0	7
6	Long-term history of sediment inputs to the eastern Arabian Sea and its implications for the evolution of the Indian summer monsoon since 3.7 Ma. <i>Geological Magazine</i> , 2020, 157, 908-919.	0.9	15
7	Sources and origins of eolian dust to the Philippine Sea determined by major minerals and elemental geochemistry. <i>Geological Magazine</i> , 2020, 157, 719-728.	0.9	4
8	Geochemical Records of the Provenance and Silicate Weathering/Erosion From the Eastern Arabian Sea and Their Responses to the Indian Summer Monsoon Since the Mid-Pleistocene. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2019PA003732.	1.3	15
9	Enhanced terrigenous organic matter input and productivity on the western margin of the Western Pacific Warm Pool during the Quaternary sea-level lowstands: Forcing mechanisms and implications for the global carbon cycle. <i>Quaternary Science Reviews</i> , 2020, 232, 106211.	1.4	13
10	Phased evolution and variation of the South Asian monsoon, and resulting weathering and surface erosion in the Himalaya-Karakoram Mountains, since late Pliocene time using data from Arabian Sea core. <i>Geological Magazine</i> , 2020, 157, 864-878.	0.9	9
11	Depositional History and Indian Summer Monsoon Controls on the Silicate Weathering of Sediment Transported to the Eastern Arabian Sea: Geochemical Records From IODP Site U1456 Since 3.8 Ma. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 4336-4353.	1.0	14
12	REEs and Sr-Nd isotope variations in a 20 ky-sediment core from the middle Okinawa Trough, East China Sea: An in-depth provenance analysis of siliciclastic components. <i>Marine Geology</i> , 2019, 415, 105970.	0.9	16
13	Sea-level, monsoonal, and anthropogenic impacts on the millennial-scale variability of siliciclastic sediment input into the western Philippine sea since 27 ka. <i>Journal of Asian Earth Sciences</i> , 2019, 177, 250-262.	1.0	6
14	Sea level-controlled sediment transport to the eastern Arabian Sea over the past 600 kyr: Clay minerals and Sr Nd isotopic evidence from IODP site U1457. <i>Quaternary Science Reviews</i> , 2019, 205, 22-34.	1.4	34
15	Orbital-scale evolution of the Indian summer monsoon since 1.2 Ma: Evidence from clay mineral records at IODP Expedition 355 Site U1456 in the eastern Arabian Sea. <i>Journal of Asian Earth Sciences</i> , 2019, 174, 11-22.	1.0	21
16	Sedimentary mercury (Hg) in the marginal seas adjacent to Chinese high-Hg emissions: Source-to-sink, mass inventory, and accumulation history. <i>Marine Pollution Bulletin</i> , 2018, 128, 428-437.	2.3	20
17	ENSO-Like Modulated Tropical Pacific Climate Changes Since 2.36 Myr and Its Implication for the Middle Pleistocene Transition. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 415-426.	1.0	12
18	Bathyal records of enhanced silicate erosion and weathering on the exposed Luzon shelf during glacial lowstands and their significance for atmospheric CO ₂ sink. <i>Chemical Geology</i> , 2018, 476, 302-315.	1.4	25

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19	Seasonal Variations in the Siliciclastic Fluxes to the Western Philippine Sea and Their Impacts on Seawater $\delta^{15}\text{N}$ Values Inferred From 1 Year of In Situ Observations Above Benham Rise. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 6688-6702.	1.0	7
20	Yttrium and rare earth element partitioning in seawaters from the Bay of Bengal. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1388-1403.	1.0	13
21	New evidence for Kuroshio inflow and deepwater circulation in the Okinawa Trough, East China Sea: Sedimentary mercury variations over the last 20 kyr. <i>Paleoceanography</i> , 2017, 32, 571-579.	3.0	44
22	Seasonal variations in dissolved neodymium isotope composition in the Bay of Bengal. <i>Earth and Planetary Science Letters</i> , 2017, 479, 310-321.	1.8	26
23	Distinct control mechanism of fine-grained sediments from the Yellow River and the Kuroshio supply in the northern Okinawa Trough since the last glacial. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 2949-2969.	1.0	30
24	Secondary grain-size effects on Li and Cs concentrations and appropriate normalization procedures for coastal sediments. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 175, 57-61.	0.9	6
25	Discrimination of sediment provenance in the Yellow Sea: Secondary grain-size effect and REE proxy. <i>Journal of Asian Earth Sciences</i> , 2016, 123, 78-84.	1.0	24
26	Co-evolution of monsoonal precipitation in East Asia and the tropical Pacific ENSO system since 2.36 Ma: New insights from high-resolution clay mineral records in the West Philippine Sea. <i>Earth and Planetary Science Letters</i> , 2016, 446, 45-55.	1.8	40
27	Comment on $\delta^{87}\text{Sr}/\delta^{86}\text{Sr}$ isotope composition and clay mineral assemblages in Eolian dust from the central Philippine Sea over the last 600 kyr: Implications for the transport mechanism of Asian dust by the sea et al.. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 14,137.	1.2	5
28	Elemental and $\delta^{15}\text{N}$ isotopic compositional disparity of riverine sediments around the Yellow Sea: Constraints from grain-size and chemical partitioning. <i>Applied Geochemistry</i> , 2015, 63, 272-281.	1.4	15
29	Evidence for sea level and monsoonally driven variations in terrigenous input to the northern East China Sea during the last 24.3 ka. <i>Paleoceanography</i> , 2015, 30, 642-658.	3.0	23
30	Quantitative estimates of Asian dust input to the western Philippine Sea in the mid-late Quaternary and its potential significance for paleoenvironment. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 3182-3196.	1.0	50
31	$\delta^{15}\text{N}$ isotopic constraints on detrital sediment provenance and paleoenvironmental change in the northern Okinawa Trough during the late Quaternary. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 430, 74-84.	1.0	39
32	Holocene changes in detrital sediment supply to the eastern part of the central Yellow Sea and their forcing mechanisms. <i>Journal of Asian Earth Sciences</i> , 2015, 105, 18-31.	1.0	39
33	Geochemistry of rare earth elements in the mid-late Quaternary sediments of the western Philippine Sea and their paleoenvironmental significance. <i>Science China Earth Sciences</i> , 2014, 57, 802-812.	2.3	8
34	Quantitative compensation of grain-size effects in elemental concentration: A Korean coastal sediments case study. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 151, 69-77.	0.9	19
35	Clay-sized sediment provenance change in the northern Okinawa Trough since 22 kyrBP and its paleoenvironmental implication. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 399, 236-245.	1.0	53
36	Late Holocene (~ 2 ka) East Asian Monsoon variations inferred from river discharge and climate interrelationships in the Pearl River Estuary. <i>Quaternary Research</i> , 2014, 81, 240-250.	1.0	14

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37	Sediment provenance and evolution of the East Asian winter monsoon since 700 ka recorded by major elements in the West Philippine Sea. <i>Science Bulletin</i> , 2013, 58, 1044-1052.	1.7	6
38	Asian dust input in the western Philippine Sea: Evidence from radiogenic Sr and Nd isotopes. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 1538-1551.	1.0	45
39	TURBIDITE DEPOSITION RECORD AND ITS MECHANISM SINCE 150 KABP IN WESTERN PHILIPPINE SEA. <i>Marine Geology & Quaternary Geology</i> , 2013, 32, 157-163.	0.1	3
40	Paleoenvironmental changes in the northern Okinawa trough since 25 ka BP: REE and organic carbon evidence. <i>Journal of Earth Science (Wuhan, China)</i> , 2012, 23, 297-310.	1.1	10
41	Paleoceanographic changes in the Ulleung Basin, East (Japan) Sea, during the last 20,000years: Evidence from variations in element composition of core sediments. <i>Progress in Oceanography</i> , 2011, 88, 101-115.	1.5	30
42	Response of the northwestern Pacific upper water $\delta^{13}C$ to the last deglacial ventilation of the deep Southern Ocean. <i>Science Bulletin</i> , 2011, 56, 2628-2634.	1.7	10
43	Rare earth elements in bottom sediments of major rivers around the Yellow Sea: implications for sediment provenance. <i>Geo-Marine Letters</i> , 2009, 29, 291-300.	0.5	76
44	Geochemical character and material source of sediments in the eastern Philippine Sea. <i>Science Bulletin</i> , 2008, 53, 923-931.	4.3	20
45	Paleoenvironment evolution of the East Philippine Sea recorded in the new-type ferromanganese crust since the terminal Late Miocene. <i>Science in China Series D: Earth Sciences</i> , 2007, 50, 1179-1188.	0.9	3