

Zhifei Liu

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4886364/zhifei-liu-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

71
papers

2,947
citations

28
h-index

54
g-index

73
ext. papers

3,567
ext. citations

4.4
avg, IF

4.82
L-index

#	Paper	IF	Citations
71	Multi-proxy reconstructions of productivity on the continental slope off the Mekong River in the southern South China Sea over the past 30,000 years. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022 , 597, 111005	2.9	0
70	Terrigenous sediment variations in the western South China Sea and their implications to East Asian monsoon evolution during the last glacial-interglacial cycle. <i>Quaternary International</i> , 2021 , 580, 1-10	2	2
69	Changes in the Intermediate Water Masses of the Mediterranean Sea During the Last Climatic Cycle: New Constraints From Neodymium Isotopes in Foraminifera. <i>Paleoceanography and Paleoclimatology</i> , 2021 , 36, e2020PA004153	3.3	0
68	Organic Matter Compositions and Loadings in River Sediments From Humid Tropical Volcanic Luzon Island of the Philippines. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021 , 126, e2020JG006192	3.7	0
67	East Asian paleoclimate change in the Weihe Basin (central China) since the middle Eocene revealed by clay mineral analysis. <i>Science China Earth Sciences</i> , 2021 , 64, 1285-1304	4.6	0
66	Disturbed climate changes preserved in terrigenous sediments associated with anthropogenic activities during the last century in the Taiwan Strait, East Asia. <i>Marine Geology</i> , 2021 , 437, 106499	3.3	4
65	East Asian monsoon and sea-level controls on clay mineral variations in the southern South China Sea since the Last Glacial Maximum. <i>Quaternary International</i> , 2021 , 592, 1-11	2	1
64	Proposing a classic clay mineral proxy for quantifying kerogen reburial in the geologic past. <i>Applied Clay Science</i> , 2021 , 211, 106190	5.2	1
63	Variations in eastern Mediterranean hydrology during the last climatic cycle as inferred from neodymium isotopes in foraminifera. <i>Quaternary Science Reviews</i> , 2020 , 237, 106306	3.9	5
62	Island-wide variation in provenance of riverine sedimentary organic carbon: A case study from Taiwan. <i>Earth and Planetary Science Letters</i> , 2020 , 539, 116238	5.3	10
61	Non-mantle-plume process caused the initial spreading of the South China Sea. <i>Scientific Reports</i> , 2020 , 10, 8500	4.9	6
60	Pitfalls of acid leaching method for determining organic and inorganic carbon contents in marine sediments. <i>Acta Oceanologica Sinica</i> , 2020 , 39, 96-102	1	2
59	Observations of marine snow and fecal pellets in a sediment trap mooring in the northern South China Sea. <i>Acta Oceanologica Sinica</i> , 2020 , 39, 141-147	1	1
58	Mineralogical control on the fate of continentally derived organic matter in the ocean. <i>Science</i> , 2019 , 366, 742-745	33.3	49
57	Perspectives on provenance and alteration of suspended and sedimentary organic matter in the subtropical Pearl River system, South China. <i>Geochimica Et Cosmochimica Acta</i> , 2019 , 259, 270-287	5.5	17
56	Weathering and erosion in central Vietnam over the Holocene and Younger Dryas: Clay mineralogy and elemental geochemistry from the Vietnam Shelf, western South China Sea. <i>Journal of Asian Earth Sciences</i> , 2019 , 179, 1-10	2.8	7
55	Changes in Intermediate Circulation in the Bay of Bengal Since the Last Glacial Maximum as Inferred From Benthic Foraminifera Assemblages and Geochemical Proxies. <i>Geochemistry, Geophysics, Geosystems</i> , 2019 , 20, 1592-1608	3.6	6

54	Seasonal variability of tides in the deep northern South China Sea. <i>Science China Earth Sciences</i> , 2019 , 62, 671-683	4.6	1
53	Terrigenous sediment input responding to sea level change and East Asian monsoon evolution since the last deglaciation in the southern South China Sea. <i>Global and Planetary Change</i> , 2019 , 174, 127-137	4.2	14
52	Temporal and spatial evolution of a deep-reaching anticyclonic eddy in the South China Sea. <i>Science China Earth Sciences</i> , 2019 , 62, 1002-1023	4.6	2
51	Two Production Stages of Coccolithophores in Winter as Revealed by Sediment Traps in the Northern South China Sea. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019 , 124, 2335-2350	3.7	4
50	Reconstructing Chemical Weathering Intensity in the Mekong River Basin Since the Last Glacial Maximum. <i>Paleoceanography and Paleoclimatology</i> , 2019 , 34, 1710-1725	3.3	7
49	Paleoclimatic and paleoenvironmental reconstruction at Tarfaya Atlantic coastal basin (Morocco) based on clay mineral records from Upper Cretaceous to Quaternary. <i>Arabian Journal of Geosciences</i> , 2019 , 12, 1	1.8	2
48	High-resolution clay mineral assemblages in the inner shelf mud wedge of the East China Sea during the Holocene: Implications for the East Asian Monsoon evolution. <i>Science China Earth Sciences</i> , 2018 , 61, 1316-1329	4.6	6
47	Chemical weathering in central Vietnam from clay mineralogy and major-element geochemistry of sedimentary rocks and river sediments. <i>Heliyon</i> , 2018 , 4, e00710	3.6	6
46	Contrasting Fates of Petrogenic and Biospheric Carbon in the South China Sea. <i>Geophysical Research Letters</i> , 2018 , 45, 9077-9086	4.9	13
45	Rapid transition from continental breakup to igneous oceanic crust in the South China Sea. <i>Nature Geoscience</i> , 2018 , 11, 782-789	18.3	113
44	Responses of the East Asian Summer Monsoon in the Low-Latitude South China Sea to High-Latitude Millennial-Scale Climatic Changes During the Last Glaciation: Evidence From a High-Resolution Clay Mineralogical Record. <i>Paleoceanography and Paleoclimatology</i> , 2018 , 33, 745-765	3.3	22
43	Variations of fluvial patterns and infilling history of a paleo-incised valley system during Late Pleistocene to Holocene, Offshore Pahang River, Peninsular Malaysia. <i>Interpretation</i> , 2018 , 6, T39-T50	1.4	1
42	Long-term in situ observations on typhoon-triggered turbidity currents in the deep sea. <i>Geology</i> , 2018 , 46, 675-678	5	32
41	Clay mineralogical and geochemical proxies of the East Asian summer monsoon evolution in the South China Sea during Late Quaternary. <i>Scientific Reports</i> , 2017 , 7, 42083	4.9	17
40	Hydrological variations of the intermediate water masses of the western Mediterranean Sea during the past 20 ka inferred from neodymium isotopic composition in foraminifera and cold-water corals. <i>Climate of the Past</i> , 2017 , 13, 17-37	3.9	20
39	Link between Indian monsoon rainfall and physical erosion in the Himalayan system during the Holocene. <i>Geochemistry, Geophysics, Geosystems</i> , 2017 , 18, 3452-3469	3.6	14
38	Spatiotemporal variations of deep-sea sediment components and their fluxes since the last glaciation in the northern South China Sea. <i>Science China Earth Sciences</i> , 2017 , 60, 1368-1381	4.6	14
37	Source-to-sink transport processes of fluvial sediments in the South China Sea. <i>Earth-Science Reviews</i> , 2016 , 153, 238-273	10.2	227

36	Climatic control of sediment transport from the Himalayas to the proximal NE Bengal Fan during the last glacial-interglacial cycle. <i>Quaternary Science Reviews</i> , 2016 , 148, 1-16	3.9	45
35	Correction of interstitial water changes in calibration methods applied to XRF core-scanning major elements in long sediment cores: Case study from the South China Sea. <i>Geochemistry, Geophysics, Geosystems</i> , 2016 , 17, 1925-1934	3.6	14
34	Magnetic minerals in three Asian rivers draining into the South China Sea: Pearl, Red, and Mekong Rivers. <i>Geochemistry, Geophysics, Geosystems</i> , 2016 , 17, 1678-1693	3.6	20
33	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	5.3	28
32	In situ observation of contour currents in the northern South China Sea: Applications for deepwater sediment transport. <i>Earth and Planetary Science Letters</i> , 2015 , 430, 477-485	5.3	32
31	Fluxes of clay minerals in the South China Sea. <i>Earth and Planetary Science Letters</i> , 2015 , 430, 30-42	5.3	35
30	Neodymium isotopic composition in foraminifera and authigenic phases of the South China Sea sediments: Implications for the hydrology of the North Pacific Ocean over the past 25 kyr. <i>Geochemistry, Geophysics, Geosystems</i> , 2015 , 16, 3883-3904	3.6	17
29	Seismic stratigraphy of the central South China Sea basin and implications for neotectonics. <i>Journal of Geophysical Research: Solid Earth</i> , 2015 , 120, 1377-1399	3.6	109
28	Diagenetic and Paleoenvironmental Controls on Late Cretaceous Clay Minerals in the Songliao Basin, Northeast China. <i>Clays and Clay Minerals</i> , 2015 , 63, 469-484	2.1	15
27	Mesoscale eddies transport deep-sea sediments. <i>Scientific Reports</i> , 2014 , 4, 5937	4.9	56
26	Ages and magnetic structures of the South China Sea constrained by deep tow magnetic surveys and IODP Expedition 349. <i>Geochemistry, Geophysics, Geosystems</i> , 2014 , 15, 4958-4983	3.6	273
25	Late Miocene to early Pliocene climate variability off NW Africa (ODP Site 659). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014 , 401, 81-95	2.9	21
24	Reconstructing precipitation changes in northeastern Africa during the Quaternary by clay mineralogical and geochemical investigations of Nile deep-sea fan sediments. <i>Quaternary Science Reviews</i> , 2012 , 57, 58-70	3.9	49
23	Climatic and tectonic controls on chemical weathering in tropical Southeast Asia (Malay Peninsula, Borneo, and Sumatra). <i>Chemical Geology</i> , 2012 , 291, 1-12	4.2	80
22	Late quaternary glacial cycle and precessional period of clay mineral assemblages in the western Pacific warm pool. <i>Science Bulletin</i> , 2012 , 57, 3748-3760		16
21	Variations of the Nile suspended discharges during the last 1.75Myr. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011 , 311, 230-241	2.9	44
20	Chemical weathering in Malay Peninsula and North Borneo: Clay mineralogy and element geochemistry of river surface sediments. <i>Science China Earth Sciences</i> , 2011 , 54, 272-282	4.6	30
19	Turbidite deposition in the southern South China Sea during the last glacial: Evidence from grain-size and major elements records. <i>Science Bulletin</i> , 2011 , 56, 3558-3565		10

18	Impact of the East Asian monsoon rainfall changes on the erosion of the Mekong River basin over the past 25,000yr. <i>Marine Geology</i> , 2010 , 271, 84-92	3.3	72
17	A high-resolution clay mineralogical record in the northern South China Sea since the Last Glacial Maximum, and its time series provenance analysis. <i>Science Bulletin</i> , 2010 , 55, 4058-4068		32
16	Clay mineral distribution in surface sediments of the northeastern South China Sea and surrounding fluvial drainage basins: Source and transport. <i>Marine Geology</i> , 2010 , 277, 48-60	3.3	168
15	Chemical weathering in Luzon, Philippines from clay mineralogy and major-element geochemistry of river sediments. <i>Applied Geochemistry</i> , 2009 , 24, 2195-2205	3.5	103
14	Detrital fine-grained sediment contribution from Taiwan to the northern South China Sea and its relation to regional ocean circulation. <i>Marine Geology</i> , 2008 , 255, 149-155	3.3	153
13	Climatic and tectonic controls on weathering in south China and Indochina Peninsula: Clay mineralogical and geochemical investigations from the Pearl, Red, and Mekong drainage basins. <i>Geochemistry, Geophysics, Geosystems</i> , 2007 , 8, n/a-n/a	3.6	159
12	Sedimentary responses to the Pleistocene climatic variations recorded in the South China Sea. <i>Quaternary Research</i> , 2007 , 68, 162-172	1.9	66
11	Late Quaternary clay minerals off Middle Vietnam in the western South China Sea: Implications for source analysis and East Asian monsoon evolution. <i>Science in China Series D: Earth Sciences</i> , 2007 , 50, 1674-1684		45
10	Clay minerals in surface sediments of the Pearl River drainage basin and their contribution to the South China Sea. <i>Science Bulletin</i> , 2007 , 52, 1101-1111		61
9	Sediment sources and East Asian monsoon intensity over the last 450 ky. Mineralogical and geochemical investigations on South China Sea sediments. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005 , 228, 260-277	2.9	100
8	Clay mineral records of East Asian monsoon evolution during late Quaternary in the southern South China Sea. <i>Science in China Series D: Earth Sciences</i> , 2005 , 48, 84-92		21
7	Late Quaternary climatic control on erosion and weathering in the eastern Tibetan Plateau and the Mekong Basin. <i>Quaternary Research</i> , 2005 , 63, 316-328	1.9	78
6	Erosional history of the eastern Tibetan Plateau since 190 kyr ago: clay mineralogical and geochemical investigations from the southwestern South China Sea. <i>Marine Geology</i> , 2004 , 209, 1-18	3.3	113
5	Deep-water Earliest Oligocene Glacial Maximum (EOGM) in South Atlantic. <i>Science Bulletin</i> , 2004 , 49, 2190-2197		16
4	Calcium carbonate pump during Quaternary glacial cycles in the South China Sea. <i>Science Bulletin</i> , 2003 , 48, 1862-1869		12
3	Clay mineral assemblages in the northern South China Sea: implications for East Asian monsoon evolution over the past 2 million years. <i>Marine Geology</i> , 2003 , 201, 133-146	3.3	184
2	Quaternary clay mineralogy in the northern South China Sea (ODP Site 1146). <i>Science in China Series D: Earth Sciences</i> , 2003 , 46, 1223-1235		21
1	Clay mineral assemblages of the oceanic red beds in the northern South China Sea and their responses to the Middle Miocene Climate Transition. <i>Science China Earth Sciences</i> , 1	4.6	

