

Fengming Chang

List of Publications by Year in descending order

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Clay-sized sediment provenance change in the northern Okinawa Trough since 22kyrBP and its paleoenvironmental implication. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 399, 236-245.	1.0	53
2	Sr-Nd 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
3	Rare earth element geochemistry of laminated diatom mats from tropical West Pacific: Evidence for more reducing bottomwaters and higher primary productivity during the Last Glacial Maximum. <i>Chemical Geology</i> , 2012, 296-297, 103-118.	1.4	38
4	Evolution of East Asian monsoon: Clay mineral evidence in the western Philippine Sea over the past 700kyr. <i>Journal of Asian Earth Sciences</i> , 2012, 60, 188-196.	1.0	37
5	The variation of upper ocean structure and paleoproductivity in the Kuroshio source region during the last 200kyr. <i>Marine Micropaleontology</i> , 2010, 75, 50-61.	0.5	32
6	Potential role of giant marine diatoms in sequestration of atmospheric CO ₂ during the Last Glacial Maximum: $\delta^{13}\text{C}$ evidence from laminated <i>Ethmodiscus rex</i> mats in tropical West Pacific. <i>Global and Planetary Change</i> , 2013, 108, 1-14.	1.6	27
7	The silicon isotope composition of <i>Ethmodiscus rex</i> laminated diatom mats from the tropical West Pacific: Implications for silicate cycling during the Last Glacial Maximum. <i>Paleoceanography</i> , 2015, 30, 803-823.	3.0	27
8	Evidence for sea level and monsoonally driven variations in terrigenous input to the northern East China Sea during the last 24.3ka. <i>Paleoceanography</i> , 2015, 30, 642-658.	3.0	23
9	Holocene paleoenvironment changes in the northern Yellow Sea: Evidence from alkenone-derived sea surface temperature. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 483, 83-93.	1.0	23
10	Palaeoenvironmental changes from pollen record in deep sea core PC-1 from northern Okinawa Trough, East China Sea during the past 24 ka. <i>Science Bulletin</i> , 2009, 54, 3739-3748.	1.7	19
11	Rapid precipitation changes in the tropical West Pacific linked to North Atlantic climate forcing during the last deglaciation. <i>Quaternary Science Reviews</i> , 2018, 197, 288-306.	1.4	18
12	Vast laminated diatom mat deposits from the west low-latitude Pacific Ocean in the last glacial period. <i>Science Bulletin</i> , 2009, 54, 4529-4533.	4.3	16
13	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
14	Deepwater carbonate ion concentrations in the western tropical Pacific since 250ka: Evidence for oceanic carbon storage and global climate influence. <i>Paleoceanography</i> , 2017, 32, 351-370.	3.0	15
15	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
16	Calcareous nannofossil bioevents and microtektite stratigraphy in the Western Philippine Sea during the Quaternary. <i>Science Bulletin</i> , 2011, 56, 2732-2738.	1.7	14
17	Precession cycles of the El Niño/Southern oscillation-like system controlled by Pacific upper-ocean stratification. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	14
18	Sea surface temperature and salinity reconstruction based on stable isotopes and Mg/Ca of planktonic foraminifera in the western Pacific Warm Pool during the last 155 ka. <i>Chinese Journal of Oceanology and Limnology</i> , 2014, 32, 187-200.	0.7	13

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19	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
20	Sediment provenance discrimination in northern Okinawa Trough during the last 24 ka and paleoenvironmental implication: rare earth elements evidence. <i>Journal of Rare Earths</i> , 2012, 30, 1184-1190.	2.5	11
21	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
22	Correspondence between the ENSO-like state and glacial-interglacial condition during the past 360 kyr. <i>Chinese Journal of Oceanology and Limnology</i> , 2017, 35, 1018-1031.	0.7	10
23	Spatial distribution and controlling factors of planktonic foraminifera in the modern western Pacific. <i>Quaternary International</i> , 2018, 468, 14-23.	0.7	10
24	Seawater pH reconstruction using boron isotopes in multiple planktonic foraminifera species with different depth habitats and their potential to constrain pH and $\delta^{13}C$ gradients. <i>Biogeosciences</i> , 2020, 17, 3487-3510.	1.3	9
25	Deep-sea carbonate preservation in the western Philippine Sea over the past 1Ma. <i>Quaternary International</i> , 2017, 459, 101-115.	0.7	7
26	Variations in the western Pacific warm pool across the mid-Pleistocene: Evidence from oxygen isotopes and coccoliths in the West Philippine Sea. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 483, 157-171.	1.0	7
27	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
28	Paleoproductivity evolution in the West Philippine Sea during the last 700 ka. <i>Chinese Journal of Oceanology and Limnology</i> , 2013, 31, 435-444.	0.7	6
29	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
30	The evolution of the Kuroshio Current over the last 5 million years since the Pliocene: Evidence from planktonic foraminiferal faunas. <i>Science China Earth Sciences</i> , 2020, 63, 1714-1729.	2.3	5
31	A quantitative reconstruction of the paleoenvironmental variations of the South Yellow Sea inner shelf based on benthic foraminiferal transfer functions. <i>Science China Earth Sciences</i> , 2015, 58, 1633-1642.	2.3	4
32	Millennial-scale evolution of elemental ratios in bulk sediments from the western Philippine Sea and implications for chemical weathering in Luzon since the Last Glacial Maximum. <i>Journal of Asian Earth Sciences</i> , 2019, 179, 127-137.	1.0	4
33	Distribution, sources and burial flux of sedimentary organic matter in the East China Sea. <i>Journal of Oceanology and Limnology</i> , 2020, 38, 1488-1501.	0.6	4
34	PROVENANCE OF SEDIMENTS IN THE NORTHERN OKINAWA TROUGH OVER THE LAST 24 KA: HIGH RESOLUTION RECORD FROM MAJOR ELEMENTS. <i>Marine Geology & Quaternary Geology</i> , 2013, 32, 73-82.	0.1	4
35	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
36	Monsoon- and ENSO-driven surface-water pCO ₂ variation in the tropical West Pacific since the Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2022, 289, 107621.	1.4	4

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37	The Mechanism of Microbial-Ferromanganese Nodule Interaction and the Contribution of Biomineralization to the Formation of Oceanic Ferromanganese Nodules. <i>Microorganisms</i> , 2021, 9, 1247.	1.6	3
38	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
39	Revisiting the dependence of thermocline-dwelling foraminiferal B/Ca on temperature and [CO ₂], and its application in reconstruction of the subsurface carbonate system in the tropical western Pacific since 24 ka. <i>Acta Oceanologica Sinica</i> , 2019, 38, 71-86.	0.4	2
40	Sea surface temperature evolution in the Yellow Sea Warm Current pathway and its teleconnection with high and low latitude forcing during the mid-late Holocene. <i>Journal of Oceanology and Limnology</i> , 2022, 40, 93-109.	0.6	2
41	Environmental anomalies in the northeastern East China Sea during the last 3 000 years: implications for El Niño activity in the Holocene. <i>Chinese Journal of Oceanology and Limnology</i> , 2010, 28, 190-200.	0.7	1
42	Redox conditions in sediments and during sedimentation in the Ontong Java Plateau, west equatorial Pacific. <i>Chinese Journal of Oceanology and Limnology</i> , 2011, 29, 1309-1324.	0.7	1
43	High-resolution sea surface temperature and salinity dynamics in the northern Okinawa Trough over the last 24 kyr. <i>Palaeoworld</i> , 2021, 30, 770-785.	0.5	1
44	Sedimentary signatures of the abrupt deglacial rise in sea level from the East China Sea inner shelf. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 258, 107423.	0.9	1
45	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