

Guoqiang Chu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1560001/publications.pdf>

Version: 2024-02-01

76
papers

2,891
citations

136950

32
h-index

175258

52
g-index

77
all docs

77
docs citations

77
times ranked

2244
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant-wax carbon isotopic evidence of Lateglacial and Holocene climate change from lake sediments in the Yin Mountains, inner Mongolia. <i>Quaternary International</i> , 2022, 622, 10-20.	1.5	4
2	Distribution and carbon isotopic composition of long-chain leaf wax n-alkanes from Holocene lake sediments in the Altai Mountains. <i>Quaternary International</i> , 2022, 625, 29-37.	1.5	2
3	Evaluation of the sources and seasonal production of brGDGTs in lake Sihailongwan (N.E. China) and application to reconstruct paleo-temperatures over the period 60â€“8 ka BP. <i>Quaternary Science Reviews</i> , 2021, 261, 106946.	3.0	8
4	~5.9â€“cal ka bp Towadaâ€“Chuseri tephra from Towada volcano: a midâ€“Holocene marker layer from Japan to northeast China. <i>Journal of Quaternary Science</i> , 2021, 36, 1143.	2.1	1
5	A record of late Holocene precipitation on the Central Tibetan Plateau inferred from varved lake sediments. <i>Journal of Paleolimnology</i> , 2021, 66, 439-452.	1.6	12
6	Highâ€“Resolution Elemental Record From the Holocene Sediments of an Alpine Lake in the Central Altai Mountains: Implications for Arctic Seaâ€“Ice Variations. <i>Earth and Space Science</i> , 2021, 8, e2021EA001810.	2.6	6
7	Asynchronous 500-year summer monsoon rainfall cycles between Northeast and Central China during the Holocene. <i>Global and Planetary Change</i> , 2020, 195, 103324.	3.5	14
8	Seasonal drought events in tropical East Asia over the last 60,000 y. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 30988-30992.	7.1	27
9	<i>n</i> -Alkanes and compound carbon isotope records from Lake Yiheshariwusu in the Hulun Buir sandy land, northeastern China. <i>Holocene</i> , 2020, 30, 1451-1461.	1.7	7
10	Drought Cycles Over the Last 8,200 Years Recorded in Maar Lake Twintaung, Myanmar. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032225.	3.3	7
11	Synchronous 500-year oscillations of monsoon climate and human activity in Northeast Asia. <i>Nature Communications</i> , 2019, 10, 4105.	12.8	96
12	Global Warming Increases the Incidence of Haze Days in China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 6180-6190.	3.3	6
13	Multidecadalâ€“to Centennialâ€“Scale ¹⁰ Be Variations in Holocene Sediments of Huguangyan Maar Lake, South China. <i>Geophysical Research Letters</i> , 2019, 46, 7634-7642.	4.0	5
14	Paleomagnetic Secular Variation and Relative Paleointensity During the Holocene in South Chinaâ€“Huguangyan Maar Lake Revisited. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 2681-2697.	2.5	5
15	Shrinkage of East Asia Winter Monsoon Associated With Increased ENSO Events Since the Midâ€“Holocene. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 3839-3848.	3.3	42
16	Tephra evidence for the most recent eruption of Laoheishan volcano, Wudalianchi volcanic field, northeast China. <i>Journal of Volcanology and Geothermal Research</i> , 2019, 383, 103-111.	2.1	8
17	The significance of maar volcanoes for palaeoclimatic studies in China. <i>Journal of Volcanology and Geothermal Research</i> , 2019, 383, 2-15.	2.1	9
18	Widespread occurrence of distinct alkenones from Group I haptophytes in freshwater lakes: Implications for paleotemperature and paleoenvironmental reconstructions. <i>Earth and Planetary Science Letters</i> , 2018, 492, 239-250.	4.4	53

#	ARTICLE	IF	CITATIONS
19	An oxygen isotope record from Lake Xiarinur in Inner Mongolia since the last deglaciation and its implication for tropical monsoon change. <i>Global and Planetary Change</i> , 2018, 163, 109-117.	3.5	27
20	Decoupling of Climatic Drying and Asian Dust Export During the Holocene. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 915-928.	3.3	39
21	Long-chain alkenone-inferred temperatures from the last deglaciation to the early Holocene recorded by annually laminated sediments of the maar lake Sihailongwan, northeastern China. <i>Holocene</i> , 2018, 28, 1173-1180.	1.7	12
22	Late Quaternary climate in southern China deduced from Sr ⁸⁷ /Nd isotopes of Huguangyan Maar sediments. <i>Earth and Planetary Science Letters</i> , 2018, 496, 10-19.	4.4	14
23	Ash From the Changbaishan Qixiangzhan Eruption: A New Early Holocene Marker Horizon Across East Asia. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 6442-6450.	3.4	20
24	A 20,000-year high-resolution pollen record from Huguangyan Maar Lake in tropical-subtropical South China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 472, 83-92.	2.3	45
25	The role of the Asian winter monsoon in the rapid propagation of abrupt climate changes during the last deglaciation. <i>Quaternary Science Reviews</i> , 2017, 177, 120-129.	3.0	46
26	The first tephra evidence for a Late Glacial explosive volcanic eruption in the Arxan-Chaihe volcanic field (ACVF), northeast China. <i>Quaternary Geochronology</i> , 2017, 40, 109-119.	1.4	14
27	Morphology and Ecology of a New Centric Diatom Belonging to the <i>Cyclotella comta</i> (Ehrenberg) Kötzing Complex: <i>Lindavia khinganensis</i> sp. nov. from the Greater Khingan Range, Northeastern China. <i>Cryptogamie, Algologie</i> , 2017, 38, 349-377.	0.9	8
28	Lateglacial and early Holocene climatic fluctuations recorded in the diatom flora of Xiaolongwan maar lake, NE China. <i>Boreas</i> , 2016, 45, 61-75.	2.4	14
29	A 530 year long record of the Indian Summer Monsoon from carbonate varves in Maar Lake Twintaung, Myanmar. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 5620-5630.	3.3	19
30	Clinopyroxene and Fe-Ti oxides for correlating the ash from Changbaishan Millennium eruption. <i>Science China Earth Sciences</i> , 2016, 59, 1454-1462.	5.2	7
31	Millennial-scale Asian summer monsoon variations in South China since the last deglaciation. <i>Earth and Planetary Science Letters</i> , 2016, 451, 22-30.	4.4	77
32	An n-alkane and carbon isotope record during the last deglaciation from annually laminated sediment in Lake Xiaolongwan, northeastern China. <i>Journal of Paleolimnology</i> , 2016, 56, 189-203.	1.6	26
33	500-year climate cycles stacking of recent centennial warming documented in an East Asian pollen record. , 2016, , .		1
34	Surface soil phytoliths as vegetation and altitude indicators: a study from the southern Himalaya. <i>Scientific Reports</i> , 2015, 5, 15523.	3.3	28
35	A 1400 year environmental magnetic record from varved sediments of Lake Xiaolongwan (Northeast China) reflecting natural and anthropogenic soil erosion. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 3053-3060.	2.5	6
36	Biogeochemical evidence of Holocene East Asian summer and winter monsoon variability from a tropical maar lake in southern China. <i>Quaternary Science Reviews</i> , 2015, 111, 51-61.	3.0	121

#	ARTICLE	IF	CITATIONS
37	New evidence for the presence of Changbaishan Millennium eruption ash in the Longgang volcanic field, Northeast China. <i>Gondwana Research</i> , 2015, 28, 52-60.	6.0	33
38	Distribution and characteristic of PAHs in sediments from the southwest Caspian Sea, Guilan Province, Iran. <i>Water Science and Technology</i> , 2015, 71, 1587-1596.	2.5	19
39	A multi-proxy reconstruction of spatial and temporal variations in Asian summer temperatures over the last millennium. <i>Climatic Change</i> , 2015, 131, 663-676.	3.6	52
40	High-resolution magnetic and palynological records of the last deglaciation and Holocene from Lake Xiarinur in the Hunshandake Sandy Land, Inner Mongolia. <i>Holocene</i> , 2015, 25, 844-856.	1.7	30
41	“TwintaungçŽçæ¹–çç³é...çâ¹ç¹â±,âš100â¹æŸâ¾âCEâŽŸâ½â...fçâ^†æž”, <i>Chinese Science Bulletin</i> , 2015, 60, 1038-1044.		
42	Holocene cyclic climatic variations and the role of the Pacific Ocean as recorded in varved sediments from northeastern China. <i>Quaternary Science Reviews</i> , 2014, 102, 85-95.	3.0	81
43	Morphometric variation of <i>Seminavis pusilla</i> (Bacillariophyceae) and its relationship to salinity in interdune lakes of the Badain Jaran Desert, Inner Mongolia, China. <i>Phycological Research</i> , 2014, 62, 282-293.	1.6	6
44	Vertical distribution and source identification of polycyclic aromatic hydrocarbons (PAHs) in southwest of the Caspian Sea: Most petrogenic events during the late Little Ice Age. <i>Marine Pollution Bulletin</i> , 2014, 87, 152-163.	5.0	22
45	Perylene as an indicator of land-based plant biomarkers in the southwest Caspian Sea. <i>Marine Pollution Bulletin</i> , 2014, 80, 124-131.	5.0	19
46	500-year climate cycles stacking of recent centennial warming documented in an East Asian pollen record. <i>Scientific Reports</i> , 2014, 4, 3611.	3.3	73
47	<i>Staurosira longwanensis</i> sp. nov., a new araphid diatom (Bacillariophyta) from Northeast China. <i>Fottea</i> , 2014, 14, 91-100.	0.9	9
48	Alkanes, compound-specific carbon isotope measures and climate variation during the last millennium from varved sediments of Lake Xiaolongwan, northeast China. <i>Journal of Paleolimnology</i> , 2013, 50, 331-344.	1.6	40
49	Diatom–environment relationships and a transfer function for conductivity in lakes of the Badain Jaran Desert, Inner Mongolia, China. <i>Journal of Paleolimnology</i> , 2013, 50, 207-229.	1.6	28
50	Minor element variations during the past 1300 years in the varved sediments of Lake Xiaolongwan, north-eastern China. <i>Gff</i> , 2013, 135, 265-272.	1.2	17
51	<i>Stauroneis lacusvulcani</i> sp. nov. (Bacillariophyceae), a new diatom from volcanic lakes in northeastern China. <i>Phytotaxa</i> , 2013, 148, 47.	0.3	11
52	Using ²¹⁰ Pb and ¹³⁷ Cs to date recent sediment cores from the Badain Jaran Desert, Inner Mongolia, China. <i>Quaternary Geochronology</i> , 2012, 12, 30-39.	1.4	18
53	Palaeovegetation and palaeoclimate in low-latitude southern China during the Last Glacial Maximum. <i>Quaternary International</i> , 2012, 248, 79-85.	1.5	35
54	The East Asian winter monsoon over the last 15,000 years: its links to high-latitudes and tropical climate systems and complex correlation to the summer monsoon. <i>Quaternary Science Reviews</i> , 2012, 32, 131-142.	3.0	180

#	ARTICLE	IF	CITATIONS
55	Seasonal temperature variability during the past 1600 years recorded in historical documents and varved lake sediment profiles from northeastern China. <i>Holocene</i> , 2012, 22, 785-792.	1.7	53
56	A 1000-yr record of environmental change in NE China indicated by diatom assemblages from maar lake Erlongwan. <i>Quaternary Research</i> , 2012, 78, 24-34.	1.7	47
57	Evidence for decreasing South Asian summer monsoon in the past 160 years from varved sediment in Lake Xinluhai, Tibetan Plateau. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	34
58	Distributions and temperature dependence of branched glycerol dialkyl glycerol tetraethers in recent lacustrine sediments from China and Nepal. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	72
59	An improved methodology of the modern analogues technique for palaeoclimate reconstruction in arid and semi-árid regions. <i>Boreas</i> , 2010, 39, 145-153.	2.4	54
60	Dust records from varved lacustrine sediments of two neighboring lakes in northeastern China over the last 1400 years. <i>Quaternary International</i> , 2009, 194, 108-118.	1.5	52
61	Volcanic eruptions in the Longgang volcanic field, northeastern China, during the past 15,000 years. <i>Journal of Asian Earth Sciences</i> , 2009, 34, 645-654.	2.3	41
62	A 1600 year multiproxy record of paleoclimatic change from varved sediments in Lake Xiaolongwan, northeastern China. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	55
63	Dinocyst microlaminations and freshwater "red tides" recorded in Lake Xiaolongwan, northeastern China. <i>Journal of Paleolimnology</i> , 2008, 39, 319-333.	1.6	45
64	Study of the varve record from Erlongwan maar lake, NE China, over the last 13 ka BP. <i>Science Bulletin</i> , 2008, 53, 262-266.	1.7	12
65	Natural and anthropogenic forest fires recorded in the Holocene pollen record from a Jinchuan peat bog, northeastern China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 261, 47-57.	2.3	80
66	Snow anomaly events from historical documents in eastern China during the past two millennia and implication for low-áfrequency variability of AO/NAO and PDO. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	38
67	Diatom-ábased inference of variations in the strength of Asian winter monsoon winds between 17,500 and 6000 calendar years B.P.. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	84
68	Calibration of alkenone unsaturation index with growth temperature for a lacustrine species, <i>Chrysotila lamellosa</i> (Haptophyceae). <i>Organic Geochemistry</i> , 2007, 38, 1226-1234.	1.8	81
69	Reconstruction of climate and vegetation changes of Lake Bayanchagan (Inner Mongolia): Holocene variability of the East Asian monsoon. <i>Quaternary Research</i> , 2006, 65, 411-420.	1.7	235
70	A 150-year Record of Heavy Metals in the Varved Sediments of Lake Bolterskardet, Svalbard. <i>Arctic, Antarctic, and Alpine Research</i> , 2006, 38, 436-445.	1.1	16
71	Sediment Fluxes and Varve Formation in Sihailongwan, a Maar Lake from Northeastern China. <i>Journal of Paleolimnology</i> , 2005, 34, 311-324.	1.6	69
72	Long-chain alkenone distributions and temperature dependence in lacustrine surface sediments from China. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 4985-5003.	3.9	105

#	ARTICLE	IF	CITATIONS
73	The "Mediaeval Warm Period" drought recorded in Lake Huguangyan, tropical South China. <i>Holocene</i> , 2002, 12, 511-516.	1.7	118
74	Discrimination of two kinds of sedimentary laminae in maar lakes of China. <i>Science Bulletin</i> , 2000, 45, 2292-2295.	1.7	10
75	The two-step monsoon changes of the last deglaciation recorded in tropical Maar Lake Huguangyan, southern China. <i>Science Bulletin</i> , 2000, 45, 1529-1532.	1.7	26
76	Periodicity of Holocene climatic variations in the Huguangyan Maar Lake. <i>Science Bulletin</i> , 2000, 45, 1712-1717.	1.7	51