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	Reconstruction of climate and vegetation changes of Lake Bayanchagan (Inner Mongolia): Holocene variability of the East Asian monsoon. Quaternary Research, 2006, 65, 411-420.	1.7	235
2	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. Quaternary Science Reviews, 2012, 32, 131-142.	3.0	180
3	Biogeochemical evidence of Holocene East Asian summer and winter monsoon variability from a tropical maar lake in southern China. Quaternary Science Reviews, 2015, 111, 51-61.	3.0	121
4	The â€˜Mediaeval Warm Periodâ€™ drought recorded in Lake Huguangyan, tropical South China. Holocene, 2002, 12, 511-516.	1.7	118
5	Long-chain alkenone distributions and temperature dependence in lacustrine surface sediments from China. Geochimica Et Cosmochimica Acta, 2005, 69, 4985-5003.	3.9	105
6	Synchronous 500-year oscillations of monsoon climate and human activity in Northeast Asia. Nature Communications, 2019, 10, 4105.	12.8	96
7	Diatomâ€based inference of variations in the strength of Asian winter monsoon winds between 17,500 and 6000 calendar years B.P.. Journal of Geophysical Research, 2008, 113, .	3.3	84
8	Calibration of alkenone unsaturation index with growth temperature for a lacustrine species, Chrysotila lamellosa (Haptophyceae). Organic Geochemistry, 2007, 38, 1226-1234.	1.8	81
9	Holocene cyclic climatic variations and the role of the Pacific Ocean as recorded in varved sediments from northeastern China. Quaternary Science Reviews, 2014, 102, 85-95.	3.0	81
10	Natural and anthropogenic forest fires recorded in the Holocene pollen record from a Jinchuan peat bog, northeastern China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 261, 47-57.	2.3	80
11	Millennial-scale Asian summer monsoon variations in South China since the last deglaciation. Earth and Planetary Science Letters, 2016, 451, 22-30.	4.4	77
12	500-year climate cycles stacking of recent centennial warming documented in an East Asian pollen record. Scientific Reports, 2014, 4, 3611.	3.3	73
13	Distributions and temperature dependence of branched glycerol dialkyl glycerol tetraethers in recent lacustrine sediments from China and Nepal. Journal of Geophysical Research, 2011, 116, .	3.3	72
14	Sediment Fluxes and Varve Formation in Sihailongwan, a Maar Lake from Northeastern China. Journal of Paleolimnology, 2005, 34, 311-324.	1.6	69
15	A 1600 year multiproxy record of paleoclimatic change from varved sediments in Lake Xiaolongwan, northeastern China. Journal of Geophysical Research, 2009, 114, .	3.3	55
16	An improved methodology of the modern analogues technique for palaeoclimate reconstruction in arid and semiâ€arid regions. Boreas, 2010, 39, 145-153.	2.4	54
17	Seasonal temperature variability during the past 1600 years recorded in historical documents and varved lake sediment profiles from northeastern China. Holocene, 2012, 22, 785-792.	1.7	53
18	Widespread occurrence of distinct alkenones from Group I haptophytes in freshwater lakes: Implications for paleotemperature and paleoenvironmental reconstructions. Earth and Planetary Science Letters, 2018, 492, 239-250.	4.4	53

#	Article	IF	Citations
19	Dust records from varved lacustrine sediments of two neighboring lakes in northeastern China over the last 1400 years. Quaternary International, 2009, 194, 108-118.	1.5	52
20	A multi-proxy reconstruction of spatial and temporal variations in Asian summer temperatures over the last millennium. Climatic Change, 2015, 131, 663-676.	3.6	52
21	Periodicity of Holocene climatic variations in the Huguangyan Maar Lake. Science Bulletin, 2000, 45, 1712-1717.	1.7	51
22	A 1000-yr record of environmental change in NE China indicated by diatom assemblages from maar lake Erlongwan. Quaternary Research, 2012, 78, 24-34.	1.7	47
23	The role of the Asian winter monsoon in the rapid propagation of abrupt climate changes during the last deglaciation. Quaternary Science Reviews, 2017, 177, 120-129.	3.0	46
24	Dinocyst microlaminations and freshwater "red tides" recorded in Lake Xiaolongwan, northeastern China. Journal of Paleolimnology, 2008, 39, 319-333.	1.6	45
25	A 20,000-year high-resolution pollen record from Huguangyan Maar Lake in tropicalâ€“subtropical South China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 472, 83-92.	2.3	45
26	Shrinkage of East Asia Winter Monsoon Associated With Increased ENSO Events Since the Midâ€Holocene. Journal of Geophysical Research D: Atmospheres, 2019, 124, 3839-3848.	3.3	42
27	Volcanic eruptions in the Longgang volcanic field, northeastern China, during the past 15,000 years. Journal of Asian Earth Sciences, 2009, 34, 645-654.	2.3	41
28	Alkanes, compound-specific carbon isotope measures and climate variation during the last millennium from varved sediments of Lake Xiaolongwan, northeast China. Journal of Paleolimnology, 2013, 50, 331-344.	1.6	40
29	Decoupling of Climatic Drying and Asian Dust Export During the Holocene. Journal of Geophysical Research D: Atmospheres, 2018, 123, 915-928.	3.3	39
30	Snow anomaly events from historical documents in eastern China during the past two millennia and implication for lowâ€frequency variability of AO/NAO and PDO. Geophysical Research Letters, 2008, 35, .	4.0	38
31	Palaeovegetation and palaeoclimate in low-latitude southern China during the Last Glacial Maximum. Quaternary International, 2012, 248, 79-85.	1.5	35
32	Evidence for decreasing South Asian summer monsoon in the past 160 years from varved sediment in Lake Xinluhai, Tibetan Plateau. Journal of Geophysical Research, 2011, 116, .	3.3	34
33	New evidence for the presence of Changbaishan Millennium eruption ash in the Longgang volcanic field, Northeast China. Gondwana Research, 2015, 28, 52-60.	6.0	33
34	High-resolution magnetic and palynological records of the last deglaciation and Holocene from Lake Xiarinur in the Hunshandake Sandy Land, Inner Mongolia. Holocene, 2015, 25, 844-856.	1.7	30
35	Diatomâ€“environment relationships and a transfer function for conductivity in lakes of the Badain Jaran Desert, Inner Mongolia, China. Journal of Paleolimnology, 2013, 50, 207-229.	1.6	28
36	Surface soil phytoliths as vegetation and altitude indicators: a study from the southern Himalaya. Scientific Reports, 2015, 5, 15523.	3.3	28

#	Article	IF	Citations
37	An oxygen isotope record from Lake Xiarinur in Inner Mongolia since the last deglaciation and its implication for tropical monsoon change. Global and Planetary Change, 2018, 163, 109-117.	3.5	27
38	Seasonal drought events in tropical East Asia over the last 60,000 y. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 30988-30992.	7.1	27
39	The two-step monsoon changes of the last deglaciation recorded in tropical Maar Lake Huguangyan, southern China. Science Bulletin, 2000, 45, 1529-1532.	1.7	26
40	An n-alkane and carbon isotope record during the last deglaciation from annually laminated sediment in Lake Xiaolongwan, northeastern China. Journal of Paleolimnology, 2016, 56, 189-203.	1.6	26
41	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. Marine Pollution Bulletin, 2014, 87, 152-163.	5.0	22
42	Ash From the Changbaishan Qixiangzhan Eruption: A New Early Holocene Marker Horizon Across East Asia. Journal of Geophysical Research: Solid Earth, 2018, 123, 6442-6450.	3.4	20
43	Perylene as an indicator of land-based plant biomarkers in the southwest Caspian Sea. Marine Pollution Bulletin, 2014, 80, 124-131.	5.0	19
44	Distribution and characteristic of PAHs in sediments from the southwest Caspian Sea, Guilan Province, Iran. Water Science and Technology, 2015, 71, 1587-1596.	2.5	19
45	A 530 year long record of the Indian Summer Monsoon from carbonate varves in Maar Lake Twintaung, Myanmar. Journal of Geophysical Research D: Atmospheres, 2016, 121, 5620-5630.	3.3	19
46	Using 210Pbuns and 137Cs to date recent sediment cores from the Badain Jaran Desert, Inner Mongolia, China. Quaternary Geochronology, 2012, 12, 30-39.	1.4	18
47	Minor element variations during the past 1300 years in the varved sediments of Lake Xiaolongwan, north-eastern China. Gff, 2013, 135, 265-272.	1.2	17
48	A 150-year Record of Heavy Metals in the Varved Sediments of Lake Bolterskardet, Svalbard. Arctic, Antarctic, and Alpine Research, 2006, 38, 436-445.	1.1	16
49	Lateglacial and early Holocene climatic fluctuations recorded in the diatom flora of Xiaolongwan maar lake, <scp>NE</scp> China. Boreas, 2016, 45, 61-75.	2.4	14
50	The first tephra evidence for a Late Glacial explosive volcanic eruption in the Arxan-Chaihe volcanic field (ACVF), northeast China. Quaternary Geochronology, 2017, 40, 109-119.	1.4	14
51	Late Quaternary climate in southern China deduced from Srâ€“Nd isotopes of Huguangyan Maar sediments. Earth and Planetary Science Letters, 2018, 496, 10-19.	4.4	14
52	Asynchronous 500-year summer monsoon rainfall cycles between Northeast and Central China during the Holocene. Global and Planetary Change, 2020, 195, 103324.	3.5	14
53	Study of the varve record from Erlongwan maar lake, NE China, over the last 13 ka BP. Science Bulletin, 2008, 53, 262-266.	1.7	12
54	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. Holocene, 2018, 28, 1173-1180.	1.7	12

#	Article	IF	Citations
55	A record of late Holocene precipitation on the Central Tibetan Plateau inferred from varved lake sediments. Journal of Paleolimnology, 2021, 66, 439-452.	1.6	12
56	Stauroneis lacusvulcani sp. nov. (Bacillariophyceae), a new diatom from volcanic lakes in northeastern China. Phytotaxa, 2013, 148, 47.	0.3	11
57	Discrimination of two kinds of sedimentary laminae in maar lakes of China. Science Bulletin, 2000, 45, 2292-2295.	1.7	10
58	The significance of maar volcanoes for palaeoclimatic studies in China. Journal of Volcanology and Geothermal Research, 2019, 383, 2-15.	2.1	9
59	Staurosira longwanensis sp. nov., a new araphid diatom (Bacillariophyta) from Northeast China.. Fottea, 2014, 14, 91-100.	0.9	9
60	Tephra evidence for the most recent eruption of Laoheishan volcano, Wudalianchi volcanic field, northeast China. Journal of Volcanology and Geothermal Research, 2019, 383, 103-111.	2.1	8
61	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. Quaternary Science Reviews, 2021, 261, 106946.	3.0	8
62	Morphology and Ecology of a New Centric Diatom Belonging to the<i>Cyclotella comta</i>(Ehrenberg) KÃ¼tzing Complex:<i>Lindavia khinganensis sp. nov</i>. from the Greater Khingan Range, Northeastern China. Cryptogamie, Algologie, 2017, 38, 349-377.	0.9	8
63	Clinopyroxene and Fe-Ti oxides for correlating the ash from Changbaishan Millennium eruption. Science China Earth Sciences, 2016, 59, 1454-1462.	5.2	7
64	<i>n</i>-Alkanes and compound carbon isotope records from Lake Yiheshariwusu in the Hulun Buir sandy land, northeastern China. Holocene, 2020, 30, 1451-1461.	1.7	7
65	Drought Cycles Over the Last 8,200ÂYears Recorded in Maar Lake Twintaung, Myanmar. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD032225.	3.3	7
66	Morphometric variation of <i><scp>S</scp>eminavis pusilla</i> (<scp>B</scp>acillariophyceae) and its relationship to salinity in interâ€dune lakes of the <scp>B</scp>adain <scp>J</scp>aran <scp>D</scp>esert, <scp>I</scp>nner <scp>M</scp>ongolia, <scp>C</scp>hina. Phycological Research, 2014, 62, 282-293.	1.6	6
67	A 1400 year environmental magnetic record from varved sediments of <scp>L</scp>ake <scp>X</scp>iaolongwan (<scp>N</scp>ortheast <scp>C</scp>hina) reflecting natural and anthropogenic soil erosion. Geochemistry, Geophysics, Geosystems, 2015, 16, 3053-3060.	2.5	6
68	Global Warming Increases the Incidence of Haze Days in China. Journal of Geophysical Research D: Atmospheres, 2019, 124, 6180-6190.	3.3	6
69	Highâ€Resolution Elemental Record From the Holocene Sediments of an Alpine Lake in the Central Altai Mountains: Implications for Arctic Seaâ€Ice Variations. Earth and Space Science, 2021, 8, e2021EA001810.	2.6	6
70	Multidecadalâ€to Centennialâ€Scale ¹⁰Be Variations in Holocene Sediments of Huguangyan Maar Lake, South China. Geophysical Research Letters, 2019, 46, 7634-7642.	4.0	5
71	Paleomagnetic Secular Variation and Relative Paleointensity During the Holocene in South Chinaâ€"Huguangyan Maar Lake Revisited. Geochemistry, Geophysics, Geosystems, 2019, 20, 2681-2697.	2.5	5
72	ç¼…ç”¸TwintaungçŽ›ç¥æ¹–ç¢³é…¸ç›å¹´çº¹å±‚åŠ100å¹´æ¥å¾®åŒºåŽŸä½å…ƒç´ å†å²æž Chinese Science Bulletin, 2015, 60, 1038-1047.	0.7	4

#	Article	IF	Citations
73	Plant-wax carbon isotopic evidence of Lateglacial and Holocene climate change from lake sediments in the Yin Mountains, inner Mongolia. Quaternary International, 2022, 622, 10-20.	1.5	4
74	Distribution and carbon isotopic composition of long-chain leaf wax n-alkanes from Holocene lake sediments in the Altai Mountains. Quaternary International, 2022, 625, 29-37.	1.5	2
75	500-year climate cycles stacking of recent centennial warming documented in an East Asian pollen record. , 2016, , .		1
76	~5.9â€‰cal ka bp Towadaâ€Chuseri tephra from Towada volcano: a midâ€Holocene marker layer from Japan to northeast China. Journal of Quaternary Science, 2021, 36, 1143.	2.1	1