

Bing Xu

List of Publications by Year in descending order

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27
papers

909
citations

623734

14
h-index

526287

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28
all docs

28
docs citations

28
times ranked

1399
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of biomass burning on haze pollution in the Yangtze River delta, China: a case study in summer 2011. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 4573-4585.	4.9	198
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. <i>Quaternary Science Reviews</i> , 2012, 32, 131-142.	3.0	180
3	Climate as the dominant control on C3 and C4 plant abundance in the Loess Plateau: Organic carbon isotope evidence from the last glacial-interglacial loess-soil sequences. <i>Science Bulletin</i> , 2003, 48, 1271-1276.	1.7	92
4	The trend and extent of heavy metal accumulation over last one hundred years in the Liaodong Bay, China. <i>Chemosphere</i> , 2009, 75, 442-446.	8.2	76
5	The different climatic response of pedogenic hematite and ferrimagnetic minerals: Evidence from particle-sized modern soils over the Chinese Loess Plateau. <i>Quaternary Science Reviews</i> , 2018, 179, 69-86.	3.0	47
6	Holocene aeolian stratigraphic sequences in the eastern portion of the desert belt (sand seas and) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Sciences</i> , 2019, 62, 1302-1315.	5.2	42
7	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
8	Diet control on carbon isotopic composition of land snail shell carbonate. <i>Science Bulletin</i> , 2007, 52, 388-394.	1.7	29
9	New High-temperature Dependence of Magnetic Susceptibility-Based Climofunction for Quantifying Paleoprecipitation From Chinese Loess. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 4273-4291.	2.5	25
10	Carbon isotopic evidence for the associations of decreasing atmospheric CO ₂ level with the Frasnian-Famennian mass extinction. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	20
11	Radiocarbon and Stable Carbon Isotope Analyses of Land Snails from the Chinese Loess Plateau: Environmental and Chronological Implications. <i>Radiocarbon</i> , 2010, 52, 149-156.	1.8	19
12	Prolonged Heavy Snowfall During the Younger Dryas. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 13,748.	3.3	19
13	Environmental changes during Frasnian-Famennian transition in south China: A multiproxy approach. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	18
14	Radiocarbon Dating the Ancient City of Loulan. <i>Radiocarbon</i> , 2017, 59, 1215-1226.	1.8	17
15	¹⁰ Be dating and seismic origin of Luanshibao rock avalanche in SE Tibetan Plateau and implications on Litang active fault. <i>Landslides</i> , 2020, 17, 1091-1104.	5.4	14
16	Hydrological change and human activity during Yuan-Ming Dynasties in the Loulan area, northwestern China. <i>Holocene</i> , 2018, 28, 1266-1275.	1.7	13
17	Sequential Extractions and Isotope Analysis for Discriminating the Chemical Forms and Origins of Pb in Sediment from Liaodong Bay, China. <i>Archives of Environmental Contamination and Toxicology</i> , 2009, 57, 230-238.	4.1	12
18	Oasis landscape of the ancient Loulan on the west bank of Lake Lop Nur, Northwest China, inferred from vegetation utilization for architecture. <i>Holocene</i> , 2019, 29, 1030-1044.	1.7	12

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19	Human mobility in the Lop Nur region during the Han-Jin Dynasties: a multi-approach study. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	1.8	8
20	A Preliminary Study of Holocene Climate Change and Human Adaptation in the Horqin Region. <i>Acta Geologica Sinica</i> , 2014, 88, 1784-1791.	1.4	7
21	Human activity during the late Pleistocene in the Lop Nur region, northwest China: Evidence from a buried stone artifact. <i>Science China Earth Sciences</i> , 2018, 61, 1659-1668.	5.2	7
22	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
23	New radiocarbon dating and archaeological evidence reveal the westward migration of prehistoric humans in the drylands of the Asian interior. <i>Holocene</i> , 2021, 31, 1555-1570.	1.7	3
24	Carbon isotopic record from Upper Devonian carbonates at Dongcun in Guilin, southern China, supporting the worldwide pattern of carbon isotope excursions during Frasnian-Famennian transition. <i>Science Bulletin</i> , 2003, 48, 1259-1264.	1.7	2
25	Link between black carbon, fires, climate change, and human activity during the Holocene period shown in the loess-paleosol sequence from Henan, China. <i>Quaternary Research</i> , 2017, 87, 288-297.	1.7	2
26	Radiocarbon dating of the Pleistocene/Holocene climatic transition across the Chinese Loess Plateau. <i>Quaternary Geochronology</i> , 2017, 41, 112-118.	1.4	1
27	The Late Quaternary Hydrological Changes in the Eastern Tarim Basin Inferred From ¹⁰ Be Exposure Ages of River Terraces. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035022.	3.3	1