Chenglong Deng

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8066107/publications.pdf

Version: 2024-02-01

180 papers	6,254 citations	71097 41 h-index	98792 67 g-index
183 all docs	183 docs citations	183 times ranked	3177 citing authors

#	Article	IF	Citations
1	Discovery of a hidden Triassic Arc in the Southern South China Sea: Evidence for the breakaway of a ribbon continent with implications for the evolution of the Western Pacific margin. Terra Nova, 2022, 34, 12-19.	2.1	10
2	New geochronology of the Lower Cretaceous in the Luanping Basin, northern Hebei: Age constraints on the development of early Jehol Biota. Palaeogeography, Palaeoclimatology, Palaeoecology, 2022, 586, 110768.	2.3	7
3	The exceptionally preserved Early Cretaceous â€œMoqi Faunaâ€•from eastern Inner Mongolia, China, and its age relationship with the Jehol Biota. Palaeogeography, Palaeoclimatology, Palaeoecology, 2022, 589, 110824.	2.3	8
4	Importance of Hematite Selfâ€Reversal in Alâ€Rich Soils Magnetostratigraphy: Revisiting the Damei Red Soil Sequence in the Bose Basin, Southern China. Journal of Geophysical Research: Solid Earth, 2022, 127, .	3.4	5
5	Innovative ochre processing and tool use in China 40,000 years ago. Nature, 2022, 603, 284-289.	27.8	14
6	Isochron 26Al/10Be burial dating of the Xiashagou Fauna in the Nihewan Basin, northern China: Implications for biogeography and early hominin dispersals. Quaternary Science Reviews, 2022, 283, 107447.	3.0	7
7	Magnetostratigraphy of the Upper Cretaceous Nenjiang Formation in the Songliao Basin, northeast China: Implications for age constraints on terminating the Cretaceous Normal Superchron. Cretaceous Research, 2022, 135, 105213.	1.4	4
8	Magnetostratigraphy of Abyssal Deposits in the Central Philippine Sea and Regional Sedimentary Dynamics During the Quaternary. Paleoceanography and Paleoclimatology, 2022, 37, .	2.9	7
9	Triple-stage India-Asia collision involving arc-continent collision and subsequent two-stage continent-continent collision. Global and Planetary Change, 2022, 212, 103821.	3.5	28
10	Magnetostratigraphy of the fluvio-lacustrine sequence of core DY-1 in the Datong Basin and its implications for the evolution of the Shanxi Rift System in northern China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2022, 599, 111063.	2.3	6
11	Rapid drift of the Tethyan Himalaya terrane before two-stage India-Asia collision. National Science Review, 2021, 8, nwaa173.	9.5	46
12	Technological innovations at the onset of the Mid-Pleistocene Climate Transition in high-latitude East Asia. National Science Review, 2021, 8, nwaa053.	9.5	12
13	Neogeneâ€“quaternary magnetostratigraphy of the biogenic reef sequence of core NKâ€“1 in Nansha Qundao, South China Sea. Science Bulletin, 2021, 66, 200-203.	9.0	16
14	SIMS U-Pb geochronology for the Jurassic Yanliao Biota from Bawanggou section, Qinglong (northern Hebei Province, China). International Geology Review, 2021, 63, 265-275.	2.1	6
15	Early Pleistocene hominin teeth from Meipu, southern China. Journal of Human Evolution, 2021, 151, 102924.	2.6	11
16	Orbital-scale Asian summer monsoon variations: Paradox and exploration. Science China Earth Sciences, 2021, 64, 529-544.	5.2	71
17	Evidence from the Dayao Paleolithic site, Inner Mongolia for human migration into arid northwest China during mid-Pleistocene interglacials. Quaternary Research, 2021, 103, 113-129.	1.7	4
18	Paleowind directions from the magnetic fabric of loess deposits in the western Chinese Loess Plateau and implications for dust provenance. Quaternary Research, 2021, 103, 74-87.	1.7	4

#	Article	IF	Citations
19	Magnetic response to pedogenesis in aerobic soils of different weathering degree. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 567, 110240.	2.3	9
20	Dating the Hemudu Neolithic rice cultivation site, East China, by paleomagnetic chronostratigraphy. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 569, 110297.	2.3	3
21	Early Neoproterozoic (870â€"820 Ma) amalgamation of the Tarim craton (northwestern China) and the final assembly of Rodinia. Geology, 2021, 49, 1277-1282.	4.4	27
22	Magnetostratigraphic and uranium-series dating of fossiliferous cave sediments in Jinyuan Cave, Liaoning Province, northeast China. Quaternary International, 2021, 591, 5-14.	1.5	10
23	Magnetostratigraphy across the end-Permian mass extinction event from the Meishan sections, southeastern China. Geology, 2021, 49, 1289-1294.	4.4	8
24	Mineral magnetic properties of loessâ€"paleosol couplets of northern Serbia over the last 1.0 Ma. Quaternary Research, 2021, 103, 35-48.	1.7	4
25	Precipitation thresholds for iron oxides dissolution and the enhanced Eurasian aridity across the Mid-Pleistocene Transition: Evidence from loess deposits in subtropical China. Global and Planetary Change, 2021, 204, 103580.	3.5	6
26	Exploration of apatite (U Th)/He geochronological analysis of volcanic units in fossil-bearing strata of the Homa Peninsula, southwestern Kenya. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 579, 110599.	2.3	1
27	New geochronological constraints for the Lower Cretaceous Jiufotang Formation in Jianchang Basin, NE China, and their implications for the late Jehol Biota. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 583, 110657.	2.3	15
28	Middle Miocene (âˆ¼14ÂMa) and Late Miocene (âˆ¼6ÂMa) Paleogeographic Boundary Conditions. Paleoceanography and Paleoclimatology, 2021, 36, e2021PA004298.	2.9	8
29	Magnetostratigraphy of the Upper Cretaceous and Lower Paleocene terrestrial sequence, Jiaolai Basin, eastern China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 538, 109451.	2.3	5
30	The Paleolithic in the Nihewan Basin, China: Evolutionary history of an Early to Late Pleistocene record in Eastern Asia. Evolutionary Anthropology, 2020, 29, 125-142.	3.4	29
31	Fossil leaves of Berhamniphyllum (Rhamnaceae) from Markam, Tibet and their biogeographic implications. Science China Earth Sciences, 2020, 63, 224-234.	5.2	18
32	Oldest colobine calcaneus from East Asia (Zhaotong, Yunnan, China). Journal of Human Evolution, 2020, 147, 102866.	2.6	9
33	Hominin site distributions and behaviours across the Mid-Pleistocene climate transition in China. Quaternary Science Reviews, 2020, 248, 106614.	3.0	13
34	Mesopithecus pentelicus from Zhaotong, China, the easternmost representative of a widespread Miocene cercopithecoid species. Journal of Human Evolution, 2020, 146, 102851.	2.6	12
35	Late Miocene Climate Cooling Contributed to the Disappearance of Hominoids in Yunnan Region, Southwestern China. Geophysical Research Letters, 2020, 47, e2020GL087741.	4.0	9
36	Highâ€Fidelity Archeointensity Results for the Late Neolithic Period From Central China. Geophysical Research Letters, 2020, 47, e2020GL087625.	4.0	8

#	Article	IF	Citations
37	Evolution of vegetation and climate variability on the Tibetan Plateau over the past 1.74 million years. Science Advances, 2020, 6, eaay6193.	10.3	74
38	Magma flow pattern of the 1.78ÂGa dyke swarm of the North China Craton during the initial assembly of the Supercontinent Nuna/Columbia: Constraints from rock magnetic and anisotropy of magnetic susceptibility studies. Precambrian Research, 2020, 345, 105773.	2.7	8
39	Oligocene Deformation of the Chuandian Terrane in the SE Margin of the Tibetan Plateau Related to the Extrusion of Indochina. Tectonics, 2020, 39, e2019TC005974.	2.8	36
40	Uplift of the Hengduan Mountains on the southeastern margin of the Tibetan Plateau in the late Miocene and its paleoenvironmental impact on hominoid diversity. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 553, 109794.	2.3	23
41	The Potential of Marine Ferromanganese Nodules From Eastern Pacific as Recorders of Earth's Magnetic Field Changes During the Past 4.7ÂMyr: A Geochronological Study by Magnetic Scanning and Authigenic ¹⁰Be/⁹Be Dating. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB018639.	3.4	12
42	The appearance and duration of the Jehol Biota: Constraint from SIMS U-Pb zircon dating for the Huajiying Formation in northern China. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 14299-14305.	7.1	38
43	A high-resolution Late Neogene geochemical record of the southeastern margin of the Tibetan Plateau: Constraints on Dali fault system activity and uplift of the Diancang Shan massif. Journal of Asian Earth Sciences, 2020, 195, 104335.	2.3	4
44	Magnetostratigraphy and Authigenic ¹⁰Be/⁹Be Dating of Plioâ€Pleistocene Abyssal Surficial Sediments on the Southern Slope of Mariana Trench and Sedimentary Processes During the Midâ€Pleistocene Transition. Journal of Geophysical Research: Oceans, 2020, 125, e2020JC016250.	2.6	14
45	Paleomagnetism of the Late Cretaceous Red Beds From the Far Western Lhasa Terrane: Inclination Discrepancy and Tectonic Implications. Tectonics, 2020, 39, e2020TC006280.	2.8	18
46	Does pulsed Tibetan deformation correlate with Indian plate motion changes?. Earth and Planetary Science Letters, 2020, 536, 116144.	4.4	70
47	Climate-influenced cave deposition and human occupation during the Pleistocene in Zhiren Cave, southwest China. Quaternary International, 2020, 559, 14-23.	1.5	16
48	Paleoenvironmental implications of molecular and carbon isotopic distributions of n-alkanes in the hominoid-bearing upper Miocene sediments from the Zhaotong Basin, southwestern China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 544, 109627.	2.3	2
49	New SIMS U-Pb geochronology for the Shahezi Formation from CCSD-SK-IIe borehole in the Songliao Basin, NE China. Science Bulletin, 2020, 65, 1049-1051.	9.0	17
50	Anisotropy of Magnetic Susceptibility (AMS) Analysis of the Gonjo Basin as an Independent Constraint to Date Tibetan Shortening Pulses. Geophysical Research Letters, 2020, 47, e2020GL087531.	4.0	21
51	A new weathering indicator from high-temperature magnetic susceptibility measurements in an Argon atmosphere. Geophysical Journal International, 2020, 221, 2010-2025.	2.4	9
52	Pollen evidence for the environmental context of the early Pleistocene Xiashagou fauna of the Nihewan Basin, north China. Quaternary Science Reviews, 2020, 236, 106298.	3.0	11
53	Sedimentary history of the coastal plain of the south Yellow Sea since 5.1ÂMa constrained by high-resolution magnetostratigraphy of onshore borehole core GZK01. Quaternary Science Reviews, 2020, 239, 106355.	3.0	7
54	Uplift, climate and biotic changes at the Eoceneâ€"Oligocene transition in south-eastern Tibet. National Science Review, 2019, 6, 495-504.	9.5	155

#	Article	IF	Citations
55	Quaternary integrative stratigraphy and timescale of China. Science China Earth Sciences, 2019, 62, 324-348.	5.2	57
56	New Highâ€Temperature Dependence of Magnetic Susceptibilityâ€Based Climofunction for Quantifying Paleoprecipitation From Chinese Loess. Geochemistry, Geophysics, Geosystems, 2019, 20, 4273-4291.	2.5	25
57	Highâ€Resolution Eocene Magnetostratigraphy of the Xijigou Section: Implications for the Infilling Process of Xining Basin, Northeastern Tibetan Plateau. Journal of Geophysical Research: Solid Earth, 2019, 124, 7588-7603.	3.4	9
58	Provenance and climate changes inferred from magnetic properties of the sediments from the lower Yangtze River (China) during the last 130â€¯years. Journal of Asian Earth Sciences, 2019, 175, 128-137.	2.3	4
59	New geochronological constraints for the Upper Cretaceous Nenjiang Formation in the Songliao Basin, NE China. Cretaceous Research, 2019, 102, 160-169.	1.4	20
60	Magnetostratigraphic and archaeological records at the Early Pleistocene site complex of Madigou (Nihewan Basin): Implications for human adaptations in North China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 530, 176-189.	2.3	17
61	Biostratigraphy, magnetostratigraphy, and geochronology of lower Miocene Aoerban strata in Central Inner Mongolia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 518, 187-205.	2.3	8
62	Cenozoic tectonic and paleoenvironmental evolution of northwestern China: Evidence from two deep boreholes in the Jartai Basin. Journal of Asian Earth Sciences, 2019, 173, 98-112.	2.3	8
63	Clay mineral assemblages in the Zhaotong Basin of southwestern China: Implications for the late Miocene and Pliocene evolution of the South Asian monsoon. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 516, 90-100.	2.3	20
64	Astronomical tuning and magnetostratigraphy of Neogene biogenic reefs in Xisha Islands, South China Sea. Science Bulletin, 2018, 63, 564-573.	9.0	31
65	40Ar/39Ar dating results from the Shijiatun Formation, Jiaolai Basin: New age constraints on the Cretaceous terrestrial volcanic-sedimentary sequence of China. Cretaceous Research, 2018, 86, 251-260.	1.4	10
66	Orbital-scale nonlinear response of East Asian summer monsoon to its potential driving forces in the late Quaternary. Climate Dynamics, 2018, 50, 2183-2197.	3.8	14
67	Magnetostratigraphy of two deep boreholes in southwestern Bohai Bay: Tectonic implications and constraints on the ages of volcanic layers. Quaternary Geochronology, 2018, 43, 102-114.	1.4	13
68	The different climatic response of pedogenic hematite and ferrimagnetic minerals: Evidence from particle-sized modern soils over the Chinese Loess Plateau. Quaternary Science Reviews, 2018, 179, 69-86.	3.0	47
69	⁴⁰Ar/³⁹Ar age of the onset of high-Ti phase of the Emeishan volcanism strengthens the link with the end-Guadalupian mass extinction. International Geology Review, 2018, 60, 1906-1917.	2.1	33
70	Magnetic stratigraphy of the Danube loess: A composite Titel-Stari Slankamen loess section over the last one million years in Vojvodina, Serbia. Journal of Asian Earth Sciences, 2018, 155, 68-80.	2.3	27
71	Paleomagnetic Constraints From the Baoshan Area on the Deformation of the Qiangtangâ€Sibumasu Terrane Around the Eastern Himalayan Syntaxis. Journal of Geophysical Research: Solid Earth, 2018, 123, 977-997.	3.4	32
72	Magnetostratigraphy and paleoenvironmental events recorded in a late Cenozoic sedimentary succession in Huaibei Plain, East China. Quaternary Science Reviews, 2018, 200, 52-64.	3.0	3

#	Article	IF	Citations
73	Magnetostratigraphic dating of the hominin occupation of Bailong Cave, central China. Scientific Reports, 2018, 8, 9699.	3.3	13
74	Magnetostratigraphic dating of the Shixia red sediments and implications for formation of Nihewan paleo-lake, North China. Quaternary Science Reviews, 2018, 193, 118-128.	3.0	20
75	Magnetostratigraphic dating of the late Miocene Baogeda Ula Formation and associated fauna in central Inner Mongolia, northern China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 505, 243-255.	2.3	5
76	Hemitrapa Miki (Lythraceae) from the earliest Oligocene of southeastern Qinghai-Tibetan Plateau and its phytogeographic implications. Review of Palaeobotany and Palynology, 2018, 257, 57-63.	1.5	15
77	The earliest evidence of hominid settlement in China: Combined electron spin resonance and uranium series (ESR/U-series) dating of mammalian fossil teeth from Longgupo cave. Quaternary International, 2017, 434, 75-83.	1.5	62
78	The Early Pleistocene Gigantopithecus-Sinomastodon fauna from Juyuan karst cave in Boyue Mountain, Guangxi, South China. Quaternary International, 2017, 434, 4-16.	1.5	16
79	Environmental change and raw material selection strategies at Taoshan: a terminal Late Pleistocene to Holocene site in northâ€eastern China. Journal of Quaternary Science, 2017, 32, 553-563.	2.1	6
80	Paleomagnetic constraints on the Mesozoic-Cenozoic paleolatitudinal and rotational history of Indochina and South China: Review and updated kinematic reconstruction. Earth-Science Reviews, 2017, 171, 58-77.	9.1	116
81	Habitat, climate and potential plant food resources for the late Miocene Shuitangba hominoid in Southwest China: Insights from carpological remains. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 470, 63-71.	2.3	22
82	Archaeointensity results spanning the past 6 kiloyears from eastern China and implications for extreme behaviors of the geomagnetic field. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 39-44.	7.1	60
83	Plio-Pleistocene magnetostratigraphy of northern Bohai Bay and its implications for tectonic events since ca. 2.0 Ma. Journal of Geodynamics, 2017, 111, 1-14.	1.6	5
84	Magnetostratigraphy of Plioâ€"Pleistocene fossiliferous cave sediments in the Bubing Basin, southern China. Quaternary Geochronology, 2017, 37, 68-81.	1.4	11
85	Recent Advances in Chinese Archeomagnetism. Frontiers in Earth Science, 2017, 5, .	1.8	10
86	The lithic assemblages of Donggutuo, Nihewan basin: Knapping skills of Early Pleistocene hominins in North China. PLoS ONE, 2017, 12, e0185101.	2.5	16
87	Early Pleistocene archaeological occurrences at the Feiliang site, and the archaeology of human origins in the Nihewan Basin, North China. PLoS ONE, 2017, 12, e0187251.	2.5	18
88	Magnetostratigraphic dating of the Shanshenmiaozui mammalian fauna in the Nihewan Basin, North China. Quaternary International, 2016, 400, 202-211.	1.5	16
89	The Lithic Assemblages of Xiaochangliang, Nihewan Basin: Implications for Early Pleistocene Hominin Behaviour in North China. PLoS ONE, 2016, 11, e0155793.	2.5	16
90	Plio-Pleistocene evolution of Bohai Basin (East Asia): demise of Bohai Paleolake and transition to marine environment. Scientific Reports, 2016, 6, 29403.	3.3	39

#	Article	IF	Citations
91	High-resolution enviromagnetic records of the last deglaciation from Dali Lake, Inner Mongolia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 454, 1-11.	2.3	16
92	New archaeomagnetic direction results from China and their constraints on palaeosecular variation of the geomagnetic field in Eastern Asia. Geophysical Journal International, 2016, 207, 1332-1342.	2.4	14
93	Lake geochemistry reveals marked environmental change in Southwest China during the Mid Miocene Climatic Optimum. Science Bulletin, 2016, 61, 897-910.	9.0	32
94	Highâ€precision Uâ€Pb geochronology of the <scp>J</scp>urassic <scp>Y</scp>anliao <scp>B</scp>iota from <scp>J</scp>ianchang (western <scp>L</scp>iaoning <scp>P</scp>rovince, <scp>C</scp>hina): Age constraints on the rise of feathered dinosaurs and eutherian mammals. Geochemistry, Geophysics, Geosystems, 2016, 17, 3983-3992.	2.5	24
95	Clay mineralogy indicates a mildly warm and humid living environment for the Miocene hominoid from the Zhaotong Basin, Yunnan, China. Scientific Reports, 2016, 6, 20012.	3.3	22
96	Magnetostratigraphic evidence for deep-sea erosion on the Pacific Plate, south of Mariana Trench, since the middle Pleistocene: potential constraints for Antarctic bottom water circulation. International Geology Review, 2016, 58, 49-57.	2.1	12
97	1500-year cycle dominated Holocene dynamics of the Yellow River delta, China. Holocene, 2016, 26, 222-234.	1.7	24
98	New constraints on the variation of the geomagnetic field during the late Neolithic period: Archaeointensity results from Sichuan, southwestern China. Journal of Geophysical Research: Solid Earth, 2015, 120, 2056-2069.	3.4	22
99	Insolation driven biomagnetic response to the Holocene Warm Period in semi-arid East Asia. Scientific Reports, 2015, 5, 8001.	3.3	35
100	Fossil seeds of Euryale (Nymphaeaceae) indicate a lake or swamp environment in the late Miocene Zhaotong Basin of southwestern China. Science Bulletin, 2015, 60, 1768-1777.	9.0	16
101	Paleo-megalake termination in the Quaternary: Paleomagnetic and water-level evidence from south Bohai Sea, China. Sedimentary Geology, 2015, 319, 1-12.	2.1	34
102	Pronounced changes in atmospheric circulation and dust source area during the mid-Pleistocene as indicated by the Caotan loess-soil sequence in North China. Quaternary International, 2015, 372, 97-107.	1.5	15
103	Magnetostratigraphy of the Xiaolongtan Formation bearing Lufengpithecus keiyuanensis in Yunnan, southwestern China: Constraint on the initiation time of the southern segment of the Xianshuiheâ€"Xiaojiang fault. Tectonophysics, 2015, 655, 213-226.	2.2	54
104	Pollen evidence of the palaeoenvironments of Lufengpithecus lufengensis in the Zhaotong Basin, southeastern margin of the Tibetan Plateau. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 435, 95-104.	2.3	23
105	The effect of weathering on the grain-size distribution of red soils in south-eastern China and its climatic implications. Journal of Asian Earth Sciences, 2014, 94, 94-104.	2.3	21
106	Geomagnetic intensity variations for the past 8 kyr: New archaeointensity results from Eastern China. Earth and Planetary Science Letters, 2014, 392, 217-229.	4.4	42
107	Magnetochronological sequence of the Early Pleistocene Gigantopithecus faunas in Chongzuo, Guangxi, southern China. Quaternary International, 2014, 354, 15-23.	1.5	42
108	Chronological sequence of the early Pleistocene Gigantopithecus faunas from cave sites in the Chongzuo, Zuojiang River area, South China. Quaternary International, 2014, 354, 4-14.	1.5	62

#	Article	IF	Citations
109	Magnetostratigraphy and luminescence dating on a sedimentary sequence from northern East China Sea: Constraints on evolutionary history of eastern marginal seas of China since the Early Pleistocene. Quaternary International, 2014, 349, 316-326.	1.5	41
110	Holocene paleomagnetic secular variation from East China Sea and a PSV stack of East Asia. Physics of the Earth and Planetary Interiors, 2014, 236, 69-78.	1.9	29
111	The site of Shuitangba (Yunnan, China) preserves a unique, terminal Miocene fauna. Journal of Vertebrate Paleontology, 2014, 34, 1251-1257.	1.0	30
112	ESR dating of the Majuangou and Banshan Paleolithic sites in the Nihewan Basin, North China. Journal of Human Evolution, 2014, 73, 58-63.	2.6	24
113	Spatial variations in paleowind direction during the last glacial period in north China reconstructed from variations in the anisotropy of magnetic susceptibility of loess deposits. Tectonophysics, 2014, 629, 353-361.	2.2	21
114	The use of fire at Zhoukoudian: evidence from magnetic susceptibility and color measurements. Science Bulletin, 2014, 59, 1013-1020.	1.7	30
115	ESR, U-series and paleomagnetic dating of Gigantopithecus fauna from Chuifeng Cave, Guangxi, southern China. Quaternary Research, 2014, 82, 270-280.	1.7	29
116	Tectonic and sedimentary evolution of the late Mioceneâ€“Pleistocene Dali Basin in the southeast margin of the Tibetan Plateau: Evidences from anisotropy of magnetic susceptibility and rock magnetic data. Tectonophysics, 2014, 629, 362-377.	2.2	20
117	Juvenile hominoid cranium from the terminal Miocene of Yunnan, China. Science Bulletin, 2013, 58, 3771-3779.	1.7	51
118	SIMS zircon Uâ€“Pb dating of the Late Cretaceous dinosaur egg-bearing red deposits in the Tiantai Basin, southeastern China. Journal of Asian Earth Sciences, 2013, 62, 654-661.	2.3	13
119	Chronology of the terrestrial Upper Cretaceous in the Songliao Basin, northeast Asia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 385, 44-54.	2.3	110
120	Magnetostratigraphy of the Dali Basin in Yunnan and implications for late Neogene rotation of the southeast margin of the Tibetan Plateau. Journal of Geophysical Research: Solid Earth, 2013, 118, 791-807.	3.4	75
121	ESR dating of the Donggutuo Palaeolithic site in the Nihewan Basin, northern China. Geochronometria, 2013, 40, 348-354.	0.8	18
122	è¾½è¥¿å»ºæ˜ŒçŽ²ç‘å¡”åœºåŒºä¾¿ç½½—çºªåœºå±‚çš„ç¦»åæŽ¢é’ˆé”†çŸ³U-Pbå®šå¹´: å¯¹æœ€åè€ç¦¦ç¾½æ¯›æé¾™Ÿçš„å¹´ä»£å¼¹ç¦¦. C		2
123	Magnetostratigraphic dating of the Xiashagou Fauna and implication for sequencing the mammalian faunas in the Nihewan Basin, North China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 315-316, 75-85.	2.3	44
124	Mineral magnetic studies of the vermiculated red soils in southeast China and their paleoclimatic significance. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 329-330, 173-183.	2.3	35
125	Toward age determination of the termination of the Cretaceous Normal Superchron. Geochemistry, Geophysics, Geosystems, 2012, 13, .	2.5	66
126	A reconstruction of late Pleistocene relative sea level in the south Bohai Sea, China, based on sediment grain-size analysis. Sedimentary Geology, 2012, 281, 88-100.	2.1	51

#	Article	IF	Citations
127	The first Sinomastodon (Gomphotheriidae, Proboscidea) skull from the Quaternary in China. Science Bulletin, 2012, 57, 4726-4734.	1.7	24
128	Magnetostratigraphy of the Xihe loess-soil sequence and implication for late Neogene deformation of the West Qinling Mountains. Geophysical Journal International, 2012, 189, 1399-1408.	2.4	37
129	Mineral magnetic investigation of the Talede loess-palaeosol sequence since the last interglacial in the Yili Basin in the Asian interior. Geophysical Journal International, 2012, 190, 267-277.	2.4	24
130	New 40Ar/39Ar dating results from the Shanwang Basin, eastern China: Constraints on the age of the Shanwang Formation and associated biota. Physics of the Earth and Planetary Interiors, 2011, 187, 66-75.	1.9	36
131	Nature of remagnetization of Lower Triassic red beds in southwestern China. Geophysical Journal International, 2011, 187, 1237-1249.	2.4	27
132	Magnetostratigraphic dating of the Hougou Paleolithic site in the Nihewan Basin, North China. Science China Earth Sciences, 2011, 54, 1643-1650.	5.2	16
133	A comparative study of magnetic properties between whole cells and isolated magnetosomes of Magnetospirillum magneticum AMB-1. Science Bulletin, 2010, 55, 38-44.	1.7	26
134	Mineral magnetism to probe into the nature of palaeomagnetic signals of subtropical red soil sequences in southern China. Geophysical Journal International, 2010, , .	2.4	9
135	Magnetic mineral dissolution in Pleistocene fluvio-lacustrine sediments, Nihewan Basin (North) Tj ETQq1 1 0.784314 rgBT /Overlock 1	4.4	95
136	Astronomical dating of the Xiantai, Donggutuo and Maliang Paleolithic sites in the Nihewan Basin (North China) and implications for early human evolution in East Asia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 297, 129-137.	2.3	25
137	Magnetostratigraphic dating of the Huojiadi Paleolithic site in the Nihewan Basin, North China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 298, 399-408.	2.3	35
138	Pleistocene environmental evolution in the Nihewan Basin and implication for early human colonization of North China. Quaternary International, 2010, 223-224, 472-478.	1.5	38
139	Evidence of fire use of late Pleistocene humans from the Huanglong Cave, Hubei Province, China. Science Bulletin, 2009, 54, 256-264.	9.0	7
140	A newly discovered Gigantopithecus fauna from Sanhe Cave, Chongzuo, Guangxi, South China. Science Bulletin, 2009, 54, 788-797.	9.0	64
141	Palaeclimatic significance of the Xiantai fluvio-lacustrine sequence in the Nihewan Basin (North) Tj ETQq1 1 0.784314 rgBT /Overlock 1 2009, 177, 913-924.	2.4	48
142	Reduced Efficiency of Magnetotaxis in Magnetotactic Coccoid Bacteria in Higher than Geomagnetic Fields. Biophysical Journal, 2009, 97, 986-991.	0.5	45
143	SIMS U-Pb zircon age of a tuff layer in the Meishucun section, Yunnan, southwest China: Constraint on the age of the Precambrian-Cambrian boundary. Science in China Series D: Earth Sciences, 2009, 52, 1385-1392.	0.9	79
144	Magnetism of intermediate hydromaghemite in the transformation of 2â€line ferrihydrite into hematite and its paleoenvironmental implications. Journal of Geophysical Research, 2008, 113, .	3.3	54

#	Article	IF	Citations
145	Magnetostratigraphy of the Qiliting section (SE China) and its implication for geochronology of the red soil sequences in southern China. Geophysical Journal International, 2008, 174, 107-117.	2.4	24
146	Timing of the Nihewan formation and faunas. Quaternary Research, 2008, 69, 77-90.	1.7	92
147	Paleomagnetic and mineral magnetic investigation of the Baicaoyuan loessâ€paleosol sequence of the western Chinese Loess Plateau over the last glacialâ€interglacial cycle and its geological implications. Geochemistry, Geophysics, Geosystems, 2008, 9, .	2.5	31
148	Evidence for enhanced aridity in the Tarim Basin of China since 5.3Ma. Quaternary Science Reviews, 2008, 27, 1012-1023.	3.0	117
149	Review of recent developments in mineral magnetism of the Chinese loess. Quaternary Science Reviews, 2007, 26, 368-385.	3.0	238
150	Magnetochronology of the Feiliang Paleolithic site in the Nihewan Basin and implications for early human adaptability to high northern latitudes in East Asia. Geophysical Research Letters, 2007, 34, .	4.0	43
151	Are Chinese loess deposits essentially continuous?. Geophysical Research Letters, 2007, 34, .	4.0	38
152	Chemical overprint on the natural remanent magnetization of a subtropical red soil sequence in the Bose Basin, southern China. Geophysical Research Letters, 2007, 34, .	4.0	24
153	Contrasting behavior of hematite and goethite within paleosol S5 of the Luochuan profile, Chinese Loess Plateau. Geophysical Research Letters, 2006, 33, .	4.0	26
154	Thermally induced inversion of Al-substituted titanomagnetite in basalts: Evidence for partial self-reversal. Journal of Geophysical Research, 2006, 111, n/a-n/a.	3.3	7
155	Mineral magnetic variation of the Jingbian loess/paleosol sequence in the northern Loess Plateau of China: Implications for Quaternary development of Asian aridification and cooling. Earth and Planetary Science Letters, 2006, 241, 248-259.	4.4	162
156	Magnetostratigraphic age of the Xiantai Paleolithic site in the Nihewan Basin and implications for early human colonization of Northeast Asia. Earth and Planetary Science Letters, 2006, 244, 336-348.	4.4	69
157	Preliminary magnetostratigraphic dating of Paleogene lacustrine sediments from the Shandong Province, East China. Journal of Geochemical Exploration, 2006, 89, 368-372.	3.2	0
158	Magnetic properties of loess deposits on the northeastern Qinghai-Tibetan Plateau: palaeoclimatic implications for the Late Pleistocene. Geophysical Journal International, 2006, 167, 1138-1147.	2.4	11
159	Identifying the origin of the magnetic directional anomalies recorded in the Datong loess profile, northeastern Chinese loess plateau. Geophysical Journal International, 2006, 164, 312-318.	2.4	25
160	Paleomagnetic dating of the Cenjiawan Paleolithic site in the Nihewan Basin, northern China. Science in China Series D: Earth Sciences, 2006, 49, 295-303.	0.9	43
161	No apparent lock-in depth of the Laschamp geomagnetic excursion: Evidence from the Malan loess. Science in China Series D: Earth Sciences, 2006, 49, 960-967.	0.9	26
162	Temperature dependence of magnetic susceptibility in an argon environment: implications for pedogenesis of Chinese loess/palaeosols. Geophysical Journal International, 2005, 161, 102-112.	2.4	270

#	Article	IF	Citations
163	Enhancing weak magnetic fabrics using field-impressed anisotropy: application to the Chinese loess. Geophysical Journal International, 2005, 162, 381-389.	2.4	13
164	Magnetostratigraphic dating of the Donggutuo and Maliang Paleolithic sites in the Nihewan Basin, North China. Quaternary Research, 2005, 64, 1-11.	1.7	79
165	Magnetostratigraphic dating of hominoid-bearing sediments at Zhupeng, Yuanmou Basin, southwestern China. Earth and Planetary Science Letters, 2005, 236, 559-568.	4.4	27
166	Inter-profile correlation of the Chinese loess/paleosol sequences during Marine Oxygen Isotope Stage 5 and indications of pedogenesis. Quaternary Science Reviews, 2005, 24, 195-210.	3.0	57
167	Mineral magnetic variation of the Jiaodao Chinese loess/paleosol sequence and its bearing on long-term climatic variability. Journal of Geophysical Research, 2005, 110, .	3.3	150
168	Quantifying grain size distribution of pedogenic magnetic particles in Chinese loess and its significance for pedogenesis. Journal of Geophysical Research, 2005, 110, .	3.3	133
169	New insights into partial oxidation model of magnetites and thermal alteration of magnetic mineralogy of the Chinese loess in air. Geophysical Journal International, 2004, 158, 506-514.	2.4	48
170	Mineral magnetic properties of loess/paleosol couplets of the central loess plateau of China over the last 1.2 Myr. Journal of Geophysical Research, 2004, 109, .	3.3	154
171	Grain sizes of susceptibility and anhysteretic remanent magnetization carriers in Chinese loess/paleosol sequences. Journal of Geophysical Research, 2004, 109, .	3.3	47
172	Grain size distribution of pedogenic magnetic particles in Chinese loess/paleosols. Geophysical Research Letters, 2004, 31, .	4.0	72
173	Mechanism of the magnetic susceptibility enhancements of the Chinese loess. Journal of Geophysical Research, 2004, 109, .	3.3	89
174	Mechanism of the parasitic remanence of aluminous goethite [Î±-(Fe, Al)OOH]. Journal of Geophysical Research, 2004, 109, .	3.3	24
175	Mineral Magnetic Properties of Polluted Topsoils: A Case Study in Fujian Province, Southeast China. Chinese Journal of Geophysics, 2004, 47, 314-321.	0.2	5
176	A magnetic investigation along a NW-SE transect of the Chinese loess plateau and its implications. Physics and Chemistry of the Earth, 2001, 26, 867-872.	0.6	20
177	Variability of the temperature-dependent susceptibility of the Holocene eolian deposits in the Chinese loess plateau: A pedogenesis indicator. Physics and Chemistry of the Earth, 2001, 26, 873-878.	0.6	175
178	Magnetic Susceptibility of Holocene Loessâ€Black Loam Sequence from Jiaodao Profile of China Before and after Citrateâ€Bicarbonateâ€Dithionite Extraction. Chinese Journal of Geophysics, 2000, 43, 540-548.	0.2	14
179	Paleoclimatic significance of the temperature-dependent susceptibility of Holocene Loess along a NW-SE transect in the Chinese Loess Plateau. Geophysical Research Letters, 2000, 27, 3715-3718.	4.0	129
180	Clockwise rotations recorded in redbeds from the Jinggu Basin of northwestern Indochina. Bulletin of the Geological Society of America, 0, , B31637.1.	3.3	11