

Ri-Xiang Zhu

List of Publications by Year in descending order

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16791

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9027
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#	ARTICLE	IF	CITATIONS
1	Bi/Te control on gold mineralizing processes in the North China Craton: Insights from the Wulong gold deposit. <i>Mineralium Deposita</i> , 2023, 58, 263-286.	1.7	6
2	Cretaceous basin evolution in northeast Asia: tectonic responses to the paleo-Pacific plate subduction. <i>National Science Review</i> , 2022, 9, nwab088.	4.6	33
3	Tectonic evolution and geodynamics of the Neo-Tethys Ocean. <i>Science China Earth Sciences</i> , 2022, 65, 1-24.	2.3	58
4	Precise ages of gold mineralization and pre-gold hydrothermal activity in the Baiyun gold deposit, northeastern China: in situ U-Pb dating of hydrothermal xenotime and rutile. <i>Mineralium Deposita</i> , 2022, 57, 1001-1022.	1.7	6
5	Nature and structural heterogeneities of the lithosphere control the continental deformation in the northeastern and eastern Iranian plateau as revealed by shear-wave splitting observations. <i>Earth and Planetary Science Letters</i> , 2022, 578, 117284.	1.8	10
6	Helium, neon and argon in alkaline basalt-related corundum megacrysts: Implications for their origin and forming process. <i>Geochimica Et Cosmochimica Acta</i> , 2022, , .	1.6	2
7	Innovative ochre processing and tool use in China 40,000 years ago. <i>Nature</i> , 2022, 603, 284-289.	13.7	14
8	Structure of the Western Jaz Murian Forearc Basin, Southeast Iran, Revealed by Autocorrelation and Polarization Analysis of Teleseismic P and S Waves. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	1.4	3
9	In-situ monazite Nd and pyrite S isotopes as fingerprints for the source of ore-forming fluids in the Jiaodong gold province. <i>Ore Geology Reviews</i> , 2022, 147, 104965.	1.1	1
10	Rapid drift of the Tethyan Himalaya terrane before two-stage India-Asia collision. <i>National Science Review</i> , 2021, 8, nwa173.	4.6	46
11	Jurassic tectonics of the eastern North China Craton: Response to initial subduction of the Paleo-Pacific Plate. <i>Bulletin of the Geological Society of America</i> , 2021, 133, 19-36.	1.6	22
12	Technological innovations at the onset of the Mid-Pleistocene Climate Transition in high-latitude East Asia. <i>National Science Review</i> , 2021, 8, nwa053.	4.6	12
13	Lateral Structural Variation of the Lithosphere-Asthenosphere System in the Northeastern to Eastern Iranian Plateau and Its Tectonic Implications. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, .	1.4	20
14	SIMS U-Pb geochronology for the Jurassic Yanliao Biota from Bawanggou section, Qinglong (northern Hebei Province, China). <i>International Geology Review</i> , 2021, 63, 265-275.	1.1	6
15	Remagnetization of Permian Emeishan basalts: Constraints on the timing of native copper mineralization in northeast Yunnan Province, China. <i>Frontiers in Earth Science</i> , 2021, 8, .	0.8	0
16	Middle Jurassic orogeny in the northern North China block. <i>Tectonophysics</i> , 2021, 801, 228713.	0.9	13
17	The big mantle wedge and decratonic gold deposits. <i>Science China Earth Sciences</i> , 2021, 64, 1451-1462.	2.3	36
18	Equatorial auroral records reveal dynamics of the paleo-West Pacific geomagnetic anomaly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	5

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19	Texture, geochemistry and geochronology of titanite and pyrite: Fingerprint of magmatic-hydrothermal fertile fluids in the Jiaodong Au province. <i>American Mineralogist</i> , 2021, , .	0.9	6
20	Magnetostratigraphy across the end-Permian mass extinction event from the Meishan sections, southeastern China. <i>Geology</i> , 2021, 49, 1289-1294.	2.0	8
21	Influence of fault geometry, kinematics and growth rate on syn-tectonic stratigraphic pattern: Insights from the 2D move-on-fault technique in MOVE software. <i>Journal of Structural Geology</i> , 2021, 149, 104377.	1.0	0
22	Origin, Accretion, and Reworking of Continents. <i>Reviews of Geophysics</i> , 2021, 59, e2019RG000689.	9.0	48
23	Spatiotemporal evolution of the Jehol Biota: Responses to the North China craton destruction in the Early Cretaceous. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	32
24	Texture, trace elements, sulfur and He-Ar isotopes in pyrite: Implication for ore-forming processes and fluid source of the Guoluolongwa gold deposit, East Kunlun metallogenic belt. <i>Ore Geology Reviews</i> , 2021, 136, 104260.	1.1	10
25	Impact of basement thrust faults on low-angle normal faults and rift basin evolution: a case study in the Enping sag, Pearl River Basin. <i>Solid Earth</i> , 2021, 12, 2327-2350.	1.2	5
26	Application of the AMT Method to Gold Deposits: A Case Study in the Qinling Metallogenic Belt of North China Craton. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 1200.	0.8	2
27	A New Technique to Diagnose the Geomagnetic Field Based on a Single Circular Current Loop Model. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022778.	1.4	3
28	Summary of “the past, present and future of the habitable Earth: Development strategy of Earth science”. <i>Chinese Science Bulletin</i> , 2021, 66, 4485-4490.	0.4	8
29	Decoding stratigraphic evolution of the Hailar Basin: Implications for the late Mesozoic tectonics of NE China. <i>Geological Journal</i> , 2020, 55, 1750-1762.	0.6	13
30	The Paleolithic in the Nihewan Basin, China: Evolutionary history of an Early to Late Pleistocene record in Eastern Asia. <i>Evolutionary Anthropology</i> , 2020, 29, 125-142.	1.7	29
31	Late Jurassic to early Early Cretaceous tectonic nature on the NE Asian continental margin: Constraints from Mesozoic accretionary complexes. <i>Earth-Science Reviews</i> , 2020, 200, 103042.	4.0	43
32	Decoding stratigraphic and structural evolution of the Songliao Basin: Implications for late Mesozoic tectonics in NE China. <i>Journal of Asian Earth Sciences</i> , 2020, 194, 104138.	1.0	12
33	Distribution and controls of petroliferous plays in subtle traps within a Paleogene lacustrine sequence stratigraphic framework, Dongying Depression, Bohai Bay Basin, Eastern China. <i>Petroleum Science</i> , 2020, 17, 1-22.	2.4	16
34	Reviewing Martian Atmospheric Noble Gas Measurements: From Martian Meteorites to Mars Missions. <i>Geosciences (Switzerland)</i> , 2020, 10, 439.	1.0	6
35	SIMS U-Pb dating of vein-hosted hydrothermal rutile and carbon isotope of fluids in the Wulong lode gold deposit, NE China: Linking gold mineralization with craton destruction. <i>Ore Geology Reviews</i> , 2020, 127, 103838.	1.1	23
36	Late Miocene Climate Cooling Contributed to the Disappearance of Hominoids in Yunnan Region, Southwestern China. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087741.	1.5	9

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37	Magma flow pattern of the 1.78 Ga 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. <i>Precambrian Research</i> , 2020, 345, 105773.	1.2	8
38	Oligocene Deformation of the Chuandian Terrane in the SE Margin of the Tibetan Plateau Related to the Extrusion of Indochina. <i>Tectonics</i> , 2020, 39, e2019TC005974.	1.3	36
39	Uplift of the Hengduan Mountains on the southeastern margin of the Tibetan Plateau in the late Miocene and its paleoenvironmental impact on hominoid diversity. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 553, 109794.	1.0	23
40	The Potential of Marine Ferromanganese Nodules From Eastern Pacific as Recorders of Earth's Magnetic Field Changes During the Past 4.7 Myr: A Geochronological Study by Magnetic Scanning and Authigenic $^{10}\text{Be}/^{9}\text{Be}$ Dating. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018639.	1.4	12
41	The appearance and duration of the Jehol Biota: Constraint from SIMS U-Pb zircon dating for the Huajiying Formation in northern China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 14299-14305.	3.3	38
42	Does pulsed Tibetan deformation correlate with Indian plate motion changes?. <i>Earth and Planetary Science Letters</i> , 2020, 536, 116144.	1.8	70
43	The operation and improvement of CSNS front end. <i>Radiation Detection Technology and Methods</i> , 2020, 4, 110-115.	0.4	0
44	Anisotropy of Magnetic Susceptibility (AMS) Analysis of the Gonjo Basin as an Independent Constraint to Date Tibetan Shortening Pulses. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087531.	1.5	21
45	An ultra-low magnetic field thermal demagnetizer for high-precision paleomagnetism. <i>Earth, Planets and Space</i> , 2020, 72, .	0.9	13
46	Destruction of the North China Craton and its influence on surface geology and terrestrial biotas. <i>Chinese Science Bulletin</i> , 2020, 65, 2954-2965.	0.4	30
47	Quaternary integrative stratigraphy and timescale of China. <i>Science China Earth Sciences</i> , 2019, 62, 324-348.	2.3	57
48	Cyclical one-way continental rupture-drift in the Tethyan evolution: Subduction-driven plate tectonics. <i>Science China Earth Sciences</i> , 2019, 62, 2005-2016.	2.3	91
49	Geology and He-Ar-S-Pb isotope constraints on the genesis of the Sidaogou gold deposit in Liaodong Peninsula, northeastern North China Craton. <i>Ore Geology Reviews</i> , 2019, 113, 103080.	1.1	21
50	Late Mesozoic tectonostratigraphic division and correlation of the Bohai Bay basin: Implications for the Yanshanian Orogeny. <i>Science China Earth Sciences</i> , 2019, 62, 1783-1804.	2.3	8
51	A new unspiked $\text{K}\text{-}\text{Ar}$ dating approach using laser fusion on microsamples. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 587-599.	0.7	5
52	Positive magnetic resonance angiography using ultrafine ferritin-based iron oxide nanoparticles. <i>Nanoscale</i> , 2019, 11, 2644-2654.	2.8	38
53	New geochronological constraints for the Upper Cretaceous Nenjiang Formation in the Songliao Basin, NE China. <i>Cretaceous Research</i> , 2019, 102, 160-169.	0.6	20
54	Timing of the Yanshan Movement: evidence from the Jingxi Basin in the Yanshan fold-and-thrust belt, eastern China. <i>International Journal of Earth Sciences</i> , 2019, 108, 1961-1978.	0.9	18

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55	Forward and inverse modeling of magnetic data under complex magnetism effects: Remanence, self-demagnetization and magnetic anisotropy. <i>Acta Geologica Sinica</i> , 2019, 93, 325-325.	0.8	0
56	The subduction of the west Pacific plate and the destruction of the North China Craton. <i>Science China Earth Sciences</i> , 2019, 62, 1340-1350.	2.3	219
57	Clay mineral assemblages in the Zhaotong Basin of southwestern China: Implications for the late Miocene and Pliocene evolution of the South Asian monsoon. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 516, 90-100.	1.0	20
58	⁴⁰ Ar/ ³⁹ Ar dating results from the Shijiataun Formation, Jiaolai Basin: New age constraints on the Cretaceous terrestrial volcanic-sedimentary sequence of China. <i>Cretaceous Research</i> , 2018, 86, 251-260.	0.6	10
59	Active and fossil mantle flows in the western Alpine region unravelled by seismic anisotropy analysis and high-resolution P wave tomography. <i>Tectonophysics</i> , 2018, 731-732, 35-47.	0.9	32
60	Slab-triggered wet upwellings produce large volumes of melt: Insights into the destruction of the North China Craton. <i>Tectonophysics</i> , 2018, 746, 266-279.	0.9	23
61	Noble gases in pyrites from the Guocheng-Liaoshang gold belt in the Jiaodong province: Evidence for a mantle source of gold. <i>Chemical Geology</i> , 2018, 480, 105-115.	1.4	37
62	⁴⁰ Ar/ ³⁹ Ar age of the onset of high-Ti phase of the Emeishan volcanism strengthens the link with the end-Guadalupian mass extinction. <i>International Geology Review</i> , 2018, 60, 1906-1917.	1.1	33
63	Paleomagnetic Constraints From the Baoshan Area on the Deformation of the Qiangtang Sibumasu Terrane Around the Eastern Himalayan Syntaxis. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 977-997.	1.4	32
64	Timing of Secondary Hydrothermal Alteration of the Luobusa Chromitites Constrained by Ar/Ar Dating of Chrome Chlorites. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 230.	0.8	0
65	Extracting Induced and Remanent Magnetizations From Magnetic Data Modeling. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 9290-9309.	1.4	17
66	Joint inversion of surface and borehole magnetic data to prospect concealed orebodies: A case study from the Mengku iron deposit, northwestern China. <i>Journal of Applied Geophysics</i> , 2018, 154, 150-158.	0.9	8
67	Magnetostratigraphic dating of the hominin occupation of Bailong Cave, central China. <i>Scientific Reports</i> , 2018, 8, 9699.	1.6	13
68	Three-dimensional inversion of magnetic data in the simultaneous presence of significant remanent magnetization and self-demagnetization: example from Daye iron-ore deposit, Hubei province, China. <i>Geophysical Journal International</i> , 2018, 215, 614-634.	1.0	22
69	Magnetostratigraphic dating of the Shixia red sediments and implications for formation of Nihewan paleo-lake, North China. <i>Quaternary Science Reviews</i> , 2018, 193, 118-128.	1.4	20
70	Multidecadally resolved polarity oscillations during a geomagnetic excursion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8913-8918.	3.3	16
71	Magnetostratigraphic dating of the late Miocene Baogeda Ula Formation and associated fauna in central Inner Mongolia, northern China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 505, 243-255.	1.0	5
72	Mantle wedge exhumation beneath the Dora-Maira (U)HP dome unravelled by local earthquake tomography (Western Alps). <i>Lithos</i> , 2018, 296-299, 623-636.	0.6	36

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73	Detrital zircon provenance analysis in the Zagros Orogen, SW Iran: implications for the amalgamation history of the Neo-Tethys. <i>International Journal of Earth Sciences</i> , 2017, 106, 1223-1238.	0.9	55
74	Differential growth of the northern Tibetan margin: evidence for oblique stepwise rise of the Tibetan Plateau. <i>Scientific Reports</i> , 2017, 7, 41164.	1.6	50
75	Origin of ore-forming fluids of the Haigou gold deposit in the eastern Central Asian Orogenic belt, NE China: Constraints from H-O-He-Ar isotopes. <i>Journal of Asian Earth Sciences</i> , 2017, 144, 384-397.	1.0	31
76	Craton destruction and related resources. <i>International Journal of Earth Sciences</i> , 2017, 106, 2233-2257.	0.9	143
77	Origin of microbial biomineralization and magnetotaxis during the Archean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2171-2176.	3.3	98
78	Environmental change and raw material selection strategies at Taoshan: a terminal Late Pleistocene to Holocene site in north-eastern China. <i>Journal of Quaternary Science</i> , 2017, 32, 553-563.	1.1	6
79	Paleomagnetic constraints on the Mesozoic-Cenozoic paleolatitudinal and rotational history of Indochina and South China: Review and updated kinematic reconstruction. <i>Earth-Science Reviews</i> , 2017, 171, 58-77.	4.0	116
80	Magnetic fabrics and rock magnetism of the Xiong'er volcanic rocks and their implications for tectonic correlation of the North China Craton with other crustal blocks in the Nuna/Columbia supercontinent. <i>Tectonophysics</i> , 2017, 712-713, 415-425.	0.9	24
81	Reply to Wang and Chen: An ancient origin of magnetotactic bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E5019-E5020.	3.3	3
82	Recycled noble gases preserved in podiform chromitites from Luobusa, Tibet. <i>Chemical Geology</i> , 2017, 469, 97-109.	1.4	5
83	Earthquakes in the western Alpine mantle wedge. <i>Gondwana Research</i> , 2017, 44, 89-95.	3.0	25
84	Archaeointensity results spanning the past 6 kiloyears from eastern China and implications for extreme behaviors of the geomagnetic field. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 39-44.	3.3	60
85	Testing the mantle plume hypothesis: an IODP effort to drill into the Kamchatka-Okhotsk Sea basement. <i>Science Bulletin</i> , 2017, 62, 1464-1472.	4.3	21
86	Petrographic shock indicators and noble gas signatures in a H and an L chondrite from Antarctica. <i>Planetary and Space Science</i> , 2017, 146, 20-29.	0.9	7
87	Magnetostratigraphy of Pliocene-Pleistocene fossiliferous cave sediments in the Bubing Basin, southern China. <i>Quaternary Geochronology</i> , 2017, 37, 68-81.	0.6	11
88	Ablation of Venusian oxygen ions by unshocked solar wind. <i>Science Bulletin</i> , 2017, 62, 1669-1672.	4.3	7
89	Recent Advances in Chinese Archeomagnetism. <i>Frontiers in Earth Science</i> , 2017, 5, .	0.8	10
90	The lithic assemblages of Donggutuo, Nihewan basin: Knapping skills of Early Pleistocene hominins in North China. <i>PLoS ONE</i> , 2017, 12, e0185101.	1.1	16

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91	Magnetostratigraphic dating of the Shanshenmiaozi mammalian fauna in the Nihewan Basin, North China. <i>Quaternary International</i> , 2016, 400, 202-211.	0.7	16
92	The Lithic Assemblages of Xiaochangliang, Nihewan Basin: Implications for Early Pleistocene Hominin Behaviour in North China. <i>PLoS ONE</i> , 2016, 11, e0155793.	1.1	16
93	Plio-Pleistocene evolution of Bohai Basin (East Asia): demise of Bohai Paleolake and transition to marine environment. <i>Scientific Reports</i> , 2016, 6, 29403.	1.6	39
94	Relationship of pyroclastic volcanism and lake-water acidification to Jehol Biota mass mortality events (Early Cretaceous, northeastern China). <i>Chemical Geology</i> , 2016, 428, 59-76.	1.4	31
95	Relief history and denudation evolution of the northern Tibet margin: Constraints from $^{40}\text{Ar}/^{39}\text{Ar}$ and ($^{26}\text{Al}/^{27}\text{Al}$)/He dating and implications for far-field effect of rising plateau. <i>Tectonophysics</i> , 2016, 675, 196-208.	0.9	60
96	High-resolution enviromagnetic records of the last deglaciation from Dali Lake, Inner Mongolia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 454, 1-11.	1.0	16
97	New archaeomagnetic direction results from China and their constraints on palaeosecular variation of the geomagnetic field in Eastern Asia. <i>Geophysical Journal International</i> , 2016, 207, 1332-1342.	1.0	14
98	Continuity of the Alpine slab unraveled by high-resolution P wave tomography. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 8720-8737.	1.4	95
99	Clay mineralogy indicates a mildly warm and humid living environment for the Miocene hominoid from the Zhaotong Basin, Yunnan, China. <i>Scientific Reports</i> , 2016, 6, 20012.	1.6	22
100	Magnetic Fabric Studies of Xiong'er Volcanic Rocks in Southern Margin of the North China Craton and its Implications. <i>Acta Geologica Sinica</i> , 2016, 90, 167-167.	0.8	0
101	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. <i>International Geology Review</i> , 2016, 58, 49-57.	1.1	12
102	Precessing cylinders at the second and third resonance: Turbulence controlled by geostrophic flow. <i>Physical Review E</i> , 2015, 92, 033007.	0.8	10
103	New constraints on the variation of the geomagnetic field during the late Neolithic period: Archaeointensity results from Sichuan, southwestern China. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 2056-2069.	1.4	22
104	Enhanced magnetic resonance imaging and staining of cancer cells using ferrimagnetic H-ferritin nanoparticles with increasing core size. <i>International Journal of Nanomedicine</i> , 2015, 10, 2619.	3.3	37
105	Insolation driven biomagnetic response to the Holocene Warm Period in semi-arid East Asia. <i>Scientific Reports</i> , 2015, 5, 8001.	1.6	35
106	Magnetostratigraphy of the Xiaolongtan Formation bearing <i>Lufengpithecus keyuanensis</i> in Yunnan, southwestern China: Constraint on the initiation time of the southern segment of the Xianshuihe-Xiaojiang fault. <i>Tectonophysics</i> , 2015, 655, 213-226.	0.9	54
107	Pollen evidence of the palaeoenvironments of <i>Lufengpithecus lufengensis</i> in the Zhaotong Basin, southeastern margin of the Tibetan Plateau. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 435, 95-104.	1.0	23
108	First seismic evidence for continental subduction beneath the Western Alps. <i>Geology</i> , 2015, 43, 815-818.	2.0	103

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109	Decratonic gold deposits. <i>Science China Earth Sciences</i> , 2015, 58, 1523-1537.	2.3	296
110	Seismic imaging of crustal reworking and lithospheric modification in eastern China. <i>Geophysical Journal International</i> , 2014, 196, 656-670.	1.0	37
111	Thinning and destruction of the cratonic lithosphere: A global perspective. <i>Science China Earth Sciences</i> , 2014, 57, 2878-2890.	2.3	102
112	⁴⁰ Ar/ ³⁹ Ar Thermochronology on Central China Orogen: Cooling, uplift and implications for orogeny dynamics. <i>Geological Society Special Publication</i> , 2014, 378, 189-206.	0.8	17
113	Natural pedogenic pathway of iron oxides. <i>National Science Review</i> , 2014, 1, 8-9.	4.6	0
114	Geomagnetic intensity variations for the past 8 kyr: New archaeointensity results from Eastern China. <i>Earth and Planetary Science Letters</i> , 2014, 392, 217-229.	1.8	42
115	The effects of secondary mineral formation on Coe-type paleointensity determinations: Theory and simulation. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 1215-1234.	1.0	9
116	Geomagnetic field excursion recorded 17‰ at Tianchi Volcano, China: New ⁴⁰ Ar/ ³⁹ Ar age and significance. <i>Geophysical Research Letters</i> , 2014, 41, 2794-2802.	1.5	31
117	⁴⁰ Ar/ ³⁹ Ar geochronology of the North China and Yangtze Cratons: New constraints on Mesozoic cooling and cratonic destruction under East Asia. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 3700-3721.	1.4	17
118	Magnetostratigraphical sequence of the Early Pleistocene Gigantopithecus faunas in Chongzuo, Guangxi, southern China. <i>Quaternary International</i> , 2014, 354, 15-23.	0.7	42
119	Paleo-position of the North China craton within the supercontinent Columbia: Constraints from new paleomagnetic results. <i>Precambrian Research</i> , 2014, 255, 276-293.	1.2	61
120	He and Ar isotope geochemistry of pyroxene megacrysts and mantle xenoliths in Cenozoic basalt from the Changle-Linqu area in western Shandong. <i>Science Bulletin</i> , 2014, 59, 396-411.	1.7	18
121	YBCs sanidine: A new standard for ⁴⁰ Ar/ ³⁹ Ar dating. <i>Chemical Geology</i> , 2014, 388, 87-97.	1.4	25
122	Targeted In Vivo Imaging of Microscopic Tumors with Ferritin-based Nanoprobes Across Biological Barriers. <i>Advanced Materials</i> , 2014, 26, 2566-2571.	11.1	85
123	The use of fire at Zhoukoudian: evidence from magnetic susceptibility and color measurements. <i>Science Bulletin</i> , 2014, 59, 1013-1020.	1.7	30
124	Age and origin of charoite, Malyy Murun massif, Siberia, Russia. <i>International Geology Review</i> , 2014, 56, 1007-1019.	1.1	18
125	Tectonic and sedimentary evolution of the late Miocene-Pleistocene Dali Basin in the southeast margin of the Tibetan Plateau: Evidences from anisotropy of magnetic susceptibility and rock magnetic data. <i>Tectonophysics</i> , 2014, 629, 362-377.	0.9	20
126	Paleomagnetism of the Late Cretaceous volcanic rocks of the Shimaoshan Group in Yongtai County, Fujian Province. <i>Science China Earth Sciences</i> , 2013, 56, 22-30.	2.3	6

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127	SIMS zircon U-Pb dating of the Late Cretaceous dinosaur egg-bearing red deposits in the Tiantai Basin, southeastern China. <i>Journal of Asian Earth Sciences</i> , 2013, 62, 654-661.	1.0	13
128	Timing, duration and role of magmatism in wide rift systems: Insights from the Jiaodong Peninsula (China, East Asia). <i>Gondwana Research</i> , 2013, 24, 412-428.	3.0	142
129	Episodic widespread magma underplating beneath the North China Craton in the Phanerozoic: Implications for craton destruction. <i>Gondwana Research</i> , 2013, 23, 95-107.	3.0	111
130	Magnetostratigraphy of the Dali Basin in Yunnan and implications for late Neogene rotation of the southeast margin of the Tibetan Plateau. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 791-807.	1.4	75
131	High-resolution U-Pb dating of the Cenozoic Lunpola basin, central Tibet. <i>Geological Magazine</i> , 2012, 149, 141-145.	0.9	46
132	Magnetostratigraphic dating of the Xiashagou Fauna and implication for sequencing the mammalian faunas in the Nihewan Basin, North China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 315-316, 75-85.	1.0	44
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