

Long Xiao

List of Publications by Year in descending order

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126
papers

5,177
citations

101496

36
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95218

68
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all docs

130
docs citations

130
times ranked

3413
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinct mantle sources of low-Ti and high-Ti basalts from the western Emeishan large igneous province, SW China: implications for plume–lithosphere interaction. <i>Earth and Planetary Science Letters</i> , 2004, 228, 525-546.	1.8	439
2	Sedimentary evidence for a rapid, kilometer-scale crustal doming prior to the eruption of the Emeishan flood basalts. <i>Earth and Planetary Science Letters</i> , 2003, 213, 391-405.	1.8	430
3	Zircon U–Pb and Hf isotope constraints on crustal melting associated with the Emeishan mantle plume. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 3084-3104.	1.6	233
4	A young multilayered terrane of the northern Mare Imbrium revealed by Chang–E-3 mission. <i>Science</i> , 2015, 347, 1226-1229.	6.0	194
5	Origin of potassic (C-type) adakite magmas: Experimental and field constraints. <i>Lithos</i> , 2007, 95, 399-414.	0.6	185
6	Late Triassic granitoids of the eastern margin of the Tibetan Plateau: Geochronology, petrogenesis and implications for tectonic evolution. <i>Lithos</i> , 2007, 96, 436-452.	0.6	143
7	Rapid recovery of life at ground zero of the end-Cretaceous mass extinction. <i>Nature</i> , 2018, 558, 288-291.	13.7	123
8	Chemostratigraphic Correlation of Upper Permian Lavas from Yunnan Province, China: Extent of the Emeishan Large Igneous Province. <i>International Geology Review</i> , 2003, 45, 753-766.	1.1	114
9	Geological Characteristics of Von K�rm�n Crater, Northwestern South Pole–Aitken Basin: Chang'E-4 Landing Site Region. <i>Journal of Geophysical Research E: Planets</i> , 2018, 123, 1684-1700.	1.5	114
10	Variety and complexity of the Late-Permian Emeishan basalts: Reappraisal of plume–lithosphere interaction processes. <i>Lithos</i> , 2010, 119, 91-107.	0.6	112
11	LA-ICP-MS U–Pb zircon geochronology of early Neoproterozoic mafic-intermediate intrusions from NW margin of the Yangtze Block, South China: Implication for tectonic evolution. <i>Precambrian Research</i> , 2007, 154, 221-235.	1.2	103
12	Major element, trace element, and Sr, Nd and Pb isotope studies of Cenozoic basalts from the South China Sea. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 550-566.	0.9	101
13	China's Chang'e-5 landing site: Geology, stratigraphy, and provenance of materials. <i>Earth and Planetary Science Letters</i> , 2021, 561, 116855.	1.8	99
14	Carboniferous–Permian extensive magmatism in the West Junggar, Xinjiang, northwestern China: its geochemistry, geochronology, and petrogenesis. <i>Lithos</i> , 2014, 204, 125-143.	0.6	96
15	Geology and Scientific Significance of the R�mker Region in Northern Oceanus Procellarum: China's Chang'E-5 Landing Region. <i>Journal of Geophysical Research E: Planets</i> , 2018, 123, 1407-1430.	1.5	92
16	Correlated compositional and mineralogical investigations at the Chang–E-3 landing site. <i>Nature Communications</i> , 2015, 6, 8880.	5.8	88
17	Young lunar mare basalts in the Chang'e-5 sample return region, northern Oceanus Procellarum. <i>Earth and Planetary Science Letters</i> , 2021, 555, 116702.	1.8	88
18	The Circum-Hellas Volcanic Province, Mars: Overview. <i>Planetary and Space Science</i> , 2009, 57, 895-916.	0.9	83

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19	Platinum-group element geochemistry of the continental flood basalts in the central Emeishan Large Igneous Province, SW China. <i>Chemical Geology</i> , 2009, 262, 246-261.	1.4	83
20	Comparison of Dielectric Properties and Structure of Lunar Regolith at Chang'e-3 and Chang'e-4 Landing Sites Revealed by Ground-Penetrating Radar. <i>Geophysical Research Letters</i> , 2019, 46, 12783-12793.	1.5	77
21	A new terrestrial analogue site for Mars research: The Qaidam Basin, Tibetan Plateau (NW China). <i>Earth-Science Reviews</i> , 2017, 164, 84-101.	4.0	76
22	Possible correlation between a mantle plume and the evolution of Paleo-Tethys Jinshajiang Ocean: Evidence from a volcanic rifted margin in the Xiaru-Tuoding area, Yunnan, SW China. <i>Lithos</i> , 2008, 100, 112-126.	0.6	70
23	The Tertiary evolution of the prolific Nanpu Sag of Bohai Bay Basin, China: Constraints from volcanic records and tectono-stratigraphic sequences. <i>Bulletin of the Geological Society of America</i> , 2010, 122, 609-626.	1.6	70
24	Probing the hydrothermal system of the Chicxulub impact crater. <i>Science Advances</i> , 2020, 6, eaaz3053.	4.7	69
25	Tectonic affinity of the west Qinling terrane (central China): North China or Yangtze?. <i>Tectonics</i> , 2010, 29, n/a-n/a.	1.3	66
26	Extraordinary rocks from the peak ring of the Chicxulub impact crater: P-wave velocity, density, and porosity measurements from IODP/ICDP Expedition 364. <i>Earth and Planetary Science Letters</i> , 2018, 495, 1-11.	1.8	65
27	Geochemical and geochronological study of the Sanshui basin bimodal volcanic rock suite, China: Implications for basin dynamics in southeastern China. <i>Journal of Asian Earth Sciences</i> , 2009, 34, 178-189.	1.0	63
28	Identification of mantle plumes in the Emeishan Large Igneous Province. <i>Episodes</i> , 2007, 30, 32-42.	0.8	63
29	Ancient volcanism and its implication for thermal evolution of Mars. <i>Earth and Planetary Science Letters</i> , 2012, 323-324, 9-18.	1.8	61
30	The Mons Rima volcanic complex of the Moon: A candidate landing site for the Chang'E-5 mission. <i>Journal of Geophysical Research E: Planets</i> , 2017, 122, 1419-1442.	1.5	52
31	Geologic characteristics of the Chang'e-3 exploration region. <i>Science China: Physics, Mechanics and Astronomy</i> , 2014, 57, 569-576.	2.0	50
32	First look by the Yutu-2 rover at the deep subsurface structure at the lunar farside. <i>Nature Communications</i> , 2020, 11, 3426.	5.8	47
33	In a pit crater on the Moon: Extrusion of waning-stage lava lake magmatic foam results in extremely young crater retention ages. <i>Geology</i> , 2017, 45, 455-458.	2.0	44
34	A mixed source for the Late Triassic Garzê-Daocheng granitic belt and its implications for the tectonic evolution of the Yidun arc belt, eastern Tibetan Plateau. <i>Lithos</i> , 2017, 288-289, 214-230.	0.6	44
35	Geochemical and Pb-Sr-Nd isotopic compositions of Indosinian granitoids from the Bikou block, northwest of the Yangtze plate: Constraints on petrogenesis, nature of deep crust and geodynamics. <i>Science in China Series D: Earth Sciences</i> , 2007, 50, 972-983.	0.9	40
36	The Jinxi "Yelmand high-sulfidation epithermal gold deposit, Western Tianshan, Xinjiang Province, P.R. China. <i>Ore Geology Reviews</i> , 2005, 26, 17-37.	1.1	39

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37	Zircon U ²³⁸ /Pb age and Sr ⁸⁷ /Nd ¹⁴³ /Hf isotope geochemistry of the Ganluogou dioritic complex in the northern Triassic Yidun arc belt, Eastern Tibetan Plateau: Implications for the closure of the Garz ³ -Litang Ocean. <i>Lithos</i> , 2016, 248-251, 94-108.	0.6	38
38	Bulk compositions of the Chang ⁵ lunar soil: Insights into chemical homogeneity, exotic addition, and origin of landing site basalts. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 335, 284-296.	1.6	38
39	Detailed petrogenesis of the unsampled Oceanus Procellarum: The case of the Chang'e-5 mare basalts. <i>Icarus</i> , 2022, 383, 115082.	1.1	37
40	Volcanism of the Nanpu Sag in the Bohai Bay Basin, Eastern China: Geochemistry, petrogenesis, and implications for tectonic setting. <i>Journal of Asian Earth Sciences</i> , 2010, 39, 173-191.	1.0	34
41	Overturn of Ilmenite-bearing Cumulates in a Rheologically Weak Lunar Mantle. <i>Journal of Geophysical Research E: Planets</i> , 2019, 124, 418-436.	1.5	34
42	The regolith properties of the Chang'e-5 landing region and the ground drilling experiments using lunar regolith simulants. <i>Icarus</i> , 2020, 337, 113508.	1.1	34
43	In situ optical measurements of Chang'E-3 landing site in Mare Imbrium: 2. Photometric properties of the regolith. <i>Geophysical Research Letters</i> , 2015, 42, 8312-8319.	1.5	33
44	Geologic characteristics of the Luna 17/Lunokhod 1 and Chang'E-3/Yutu landing sites, Northwest Mare Imbrium of the Moon. <i>Planetary and Space Science</i> , 2015, 117, 385-400.	0.9	33
45	Discovery of Reidite in the Lunar Meteorite Sayh al Uhaymir 169. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089583.	1.5	33
46	The role of substrate characteristics in producing anomalously young crater retention ages in volcanic deposits on the Moon: Morphology, topography, subresolution roughness, and mode of emplacement of the Sosigenes lunar irregular mare patch. <i>Meteoritics and Planetary Science</i> , 2018, 53, 778-812.	0.7	30
47	In situ optical measurements of Chang'E-3 landing site in Mare Imbrium: 1. Mineral abundances inferred from spectral reflectance. <i>Geophysical Research Letters</i> , 2015, 42, 6945-6950.	1.5	28
48	Diverse rock types detected in the lunar South Pole-Aitken Basin by the Chang ⁴ lunar mission. <i>Geology</i> , 2020, 48, 723-727.	2.0	28
49	Geologic features of Wudalianchi volcanic field, northeastern China: Implications for Martian volcanology. <i>Planetary and Space Science</i> , 2009, 57, 685-698.	0.9	27
50	Geochemistry, geochronology and petrogenesis of Maya Block granitoids and dykes from the Chicxulub Impact Crater, Gulf of Mexico: Implications for the assembly of Pangea. <i>Gondwana Research</i> , 2020, 82, 128-150.	3.0	26
51	Geomorphologic exploration targets at the Zhurong landing site in the southern Utopia Planitia of Mars. <i>Earth and Planetary Science Letters</i> , 2021, 576, 117199.	1.8	26
52	Is the Underthrust Indian Lithosphere Split beneath the Tibetan Plateau?. <i>International Geology Review</i> , 2007, 49, 90-98.	1.1	25
53	Geochemical, geochronological, and Sr ⁸⁷ /Nd ¹⁴³ /Hf isotopic constraints on the petrogenesis of the Qicun intrusive complex from the Handan-Xingtai district: Implications for the mechanism of lithospheric thinning of the North China Craton. <i>Ore Geology Reviews</i> , 2014, 57, 363-374.	1.1	24
54	Copernican-aged (<200 Ma) Impact Ejecta at the Chang'e-5 Landing Site: Statistical Evidence From Crater Morphology, Morphometry, and Degradation Models. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095341.	1.5	24

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55	China's touch on the Moon. <i>Nature Geoscience</i> , 2014, 7, 391-392.	5.4	23
56	Geological Features and Evolution of Yardangs in the Qaidam Basin, Tibetan Plateau (NW China): A Terrestrial Analogue for Mars. <i>Journal of Geophysical Research E: Planets</i> , 2018, 123, 2336-2364.	1.5	23
57	Anoxic chemical weathering under a reducing greenhouse on early Mars. <i>Nature Astronomy</i> , 2021, 5, 503-509.	4.2	23
58	Geological features and evolution history of Sinus Iridum, the Moon. <i>Planetary and Space Science</i> , 2014, 101, 37-52.	0.9	22
59	Cooling fractures in impact melt deposits on the Moon and Mercury: Implications for cooling solely by thermal radiation. <i>Journal of Geophysical Research E: Planets</i> , 2014, 119, 1496-1515.	1.5	22
60	U-Pb geochronology of detrital and inherited zircons in the Yidun arc belt, eastern Tibet Plateau and its tectonic implications. <i>Journal of Earth Science (Wuhan, China)</i> , 2016, 27, 461-473.	1.1	22
61	The Long Sinuous Rille System in Northern Oceanus Procellarum and Its Relation to the Chang'e-5 Returned Samples. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092663.	1.5	22
62	Geological Characterization of the Ina Shield Volcano Summit Pit Crater on the Moon: Evidence for Extrusion of Waning-Stage Lava Lake Magmatic Foams and Anomalously Young Crater Retention Ages. <i>Journal of Geophysical Research E: Planets</i> , 2019, 124, 1100-1140.	1.5	21
63	The 3D geological model around Chang'e-3 landing site based on lunar penetrating radar Channel 1 data. <i>Geophysical Research Letters</i> , 2017, 44, 6553-6561.	1.5	20
64	Ordovician radiolarians from the Yinisala ophiolitic mélange and their significance in western Junggar, Xinjiang, NW China. <i>Science China Earth Sciences</i> , 2015, 58, 776-783.	2.3	19
65	The water content and parental magma of the second chassignite <sc>NWA</sc> 2737: Clues from trapped melt inclusions in olivine. <i>Meteoritics and Planetary Science</i> , 2013, 48, 474-492.	0.7	18
66	New methodologies for precise building boundary extraction from LiDAR data and high resolution image. <i>Sensor Review</i> , 2013, 33, 157-165.	1.0	17
67	Petrography and geochemistry of the enriched basaltic shergottite Northwest Africa 2975. <i>Meteoritics and Planetary Science</i> , 2015, 50, 2024-2044.	0.7	17
68	The Polygonal Surface Structures in the Dalangtan Playa, Qaidam Basin, NW China: Controlling Factors for Their Formation and Implications for Analogous Martian Landforms. <i>Journal of Geophysical Research E: Planets</i> , 2018, 123, 1910-1933.	1.5	17
69	Oxalate formation under the hyperarid conditions of the Atacama desert as a mineral marker to provide clues to the source of organic carbon on Mars. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 1593-1604.	1.3	16
70	Subsurface structures of large volcanic complexes on the nearside of the Moon: A view from GRAIL gravity. <i>Icarus</i> , 2014, 243, 48-57.	1.1	15
71	Bacterial and Archaeal Lipids Recovered from Subsurface Evaporites of Dalangtan Playa on the Tibetan Plateau and Their Astrobiological Implications. <i>Astrobiology</i> , 2017, 17, 1112-1122.	1.5	15
72	Weak Dust Activity Near a Geologically Young Surface Revealed by Chang'e-3 Mission. <i>Geophysical Research Letters</i> , 2019, 46, 9405-9413.	1.5	15

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73	Shock impedance amplified impact deformation of zircon in granitic rocks from the Chicxulub impact crater. <i>Earth and Planetary Science Letters</i> , 2021, 575, 117201.	1.8	15
74	Isothermal section of Mg–Nd–Gd ternary system at 723 K. <i>Transactions of Nonferrous Metals Society of China</i> , 2014, 24, 777-782.	1.7	14
75	A mafic intrusion of arc affinity in a post-orogenic extensional setting: A case study from Ganluogou gabbro in the northern Yidun Arc Belt, eastern Tibetan Plateau. <i>Journal of Asian Earth Sciences</i> , 2014, 94, 139-156.	1.0	14
76	Subsurface structures at the Chang'e-3 landing site: Interpretations from orbital and in-situ imagery data. <i>Journal of Earth Science (Wuhan, China)</i> , 2016, 27, 707-715.	1.1	14
77	Ridge-like lava tube systems in southeast Tharsis, Mars. <i>Geomorphology</i> , 2017, 295, 831-839.	1.1	14
78	The Apollo peak-ring impact basin: Insights into the structure and evolution of the South Pole–Aitken basin. <i>Icarus</i> , 2018, 306, 139-149.	1.1	14
79	Geological characteristics and model ages of Marius Hills on the Moon. <i>Journal of Earth Science (Wuhan, China)</i> , 2011, 22, 601-609.	1.1	13
80	Petrogenesis and tectonic setting of the Queershan composite granitic pluton, eastern Tibetan Plateau: Constraints from geochronology, geochemistry and Hf isotope data. <i>Science China Earth Sciences</i> , 2014, 57, 2712-2725.	2.3	13
81	Diversity of basaltic lunar volcanism associated with buried impact structures: Implications for intrusive and extrusive events. <i>Icarus</i> , 2018, 307, 216-234.	1.1	13
82	U-Pb ages, Hf-O isotopes and trace elements of zircons from the ore-bearing and ore-barren adakitic rocks in the Handan-Xingtai district: Implications for petrogenesis and iron mineralization. <i>Ore Geology Reviews</i> , 2019, 104, 14-25.	1.1	13
83	Paleolakes in the Northwest Hellas Region, Mars: Implications for the Regional Geologic History and Paleoclimate. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2019JE006196.	1.5	13
84	Evidence of Carboniferous arc magmatism preserved in the Chicxulub impact structure. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 241-260.	1.6	12
85	Coupling of basaltic magma evolution and lithospheric seismic structure in the Emeishan Large Igneous Province: MELTS modeling constraints. <i>Lithos</i> , 2010, 119, 61-74.	0.6	11
86	Identification and mapping of dikes with relatively primitive compositions in Thaumasia Planum on Mars: Implications for Tharsis volcanism and the opening of Valles Marineris. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	11
87	Knobby terrain on ancient volcanoes as an indication of dominant early explosive volcanism on Mars. <i>Geophysical Research Letters</i> , 2014, 41, 7019-7024.	1.5	11
88	Petrogenesis of the Kuangshancun and Hongshan intrusive complexes from the Handan–Xingtai district: Implications for iron mineralization associated with Mesozoic magmatism in the North China Craton. <i>Journal of Asian Earth Sciences</i> , 2015, 113, 1162-1178.	1.0	11
89	Thermophysical Features of the 1/4mker Region in Northern Oceanus Procellarum: Insights from CE-2 CELMS Data. <i>Remote Sensing</i> , 2020, 12, 3272.	1.8	10
90	Expedition 364 methods. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	10

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91	Permittivity Estimation of Subsurface Deposits in the Elysium "Utopia Region on Mars with MRO Shallow Radar Sounder Data. <i>Astronomical Journal</i> , 2020, 159, 156.	1.9	9
92	A Complex Paleo-Surface Revealed by the Yutu-2 Rover at the Lunar Farside. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095133.	1.5	9
93	Intermittent volcanic activity detected in the Von K�rm�n crater on the farside of the Moon. <i>Earth and Planetary Science Letters</i> , 2021, 569, 117062.	1.8	8
94	Dalangtan Playa (Qaidam Basin, NW China): Its microbial life and physicochemical characteristics and their astrobiological implications. <i>PLoS ONE</i> , 2018, 13, e0200949.	1.1	7
95	Oldest high-Ti basalt and magnesian crustal materials in feldspathic lunar meteorite Dhofar 1428. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 266, 74-108.	1.6	7
96	A novel method for simultaneous analysis of particle size and mineralogy for Chang�ME-5 lunar soil with minimum sample consumption. <i>Science China Earth Sciences</i> , 2022, 65, 1704-1714.	2.3	7
97	Chang�ME-1 orbiter discovers a lunar nearside volcano: YUTU Mountain. <i>Science Bulletin</i> , 2009, 54, 4534-4536.	4.3	6
98	A new method for the semiquantitative determination of major rock-forming minerals with thermal infrared multispectral data: Application to THEMIS infrared data. <i>Journal of Geophysical Research E: Planets</i> , 2013, 118, 2146-2152.	1.5	6
99	The Chang�ME-5 mission. , 2021, , 195-206.		6
100	A large long-lived central-vent volcano in the Gardner region: Implications for the volcanic history of the nearside of the Moon. <i>Earth and Planetary Science Letters</i> , 2020, 542, 116301.	1.8	6
101	Origin of pit chains in the floor of lunar Copernican craters. <i>Science China: Physics, Mechanics and Astronomy</i> , 2010, 53, 2145-2159.	2.0	5
102	Small graben in the southeastern ejecta blanket of the lunar Copernicus crater: Implications for recent shallow igneous intrusion on the Moon. <i>Icarus</i> , 2017, 298, 89-97.	1.1	5
103	Geomorphologic Characteristics of Polygonal Features on Chloride-Bearing Deposits on Mars: Implications for Martian Hydrology and Astrobiology. <i>Journal of Earth Science (Wuhan, China)</i> , 2019, 30, 1049-1058.	1.1	5
104	Diverse Polygonal Patterned Grounds in the Northern Eridania Basin, Mars: Possible Origins and Implications. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2020JE006647.	1.5	5
105	Ocean resurge-induced impact melt dynamics on the peak-ring of the Chicxulub impact structure, Mexico. <i>International Journal of Earth Sciences</i> , 2021, 110, 2619-2636.	0.9	5
106	Geological features and magmatic activities history of sinus Iridum, the moon. <i>Scientia Sinica: Physica, Mechanica Et Astronomica</i> , 2013, 43, 1370-1386.	0.2	5
107	Ground-penetrating radar measurements of subsurface structures of lacustrine sediments in the Qaidam Basin (NW China): Possible implications for future in-situ radar experiments on Mars. <i>Icarus</i> , 2020, 338, 113576.	1.1	4
108	New Constraints on the Young Lava Flow Profile in the Northern Mare Imbrium. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088938.	1.5	4

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109	Significance and preliminary proposal for exploring the lunar lava tubes. <i>Scientia Sinica: Physica, Mechanica Et Astronomica</i> , 2018, 48, 119602.	0.2	4
110	Lunar Mare Fecunditatis: A Science-Rich Region and a Concept Mission for Long-Distance Exploration. <i>Remote Sensing</i> , 2022, 14, 1062.	1.8	4
111	Contrasting mineralogical-geochemical compositions of ore-bearing and ore-barren intrusive complexes in the Handan-Xingtai district, North China Craton: Implications for the iron mineralization. <i>Lithos</i> , 2019, 350-351, 105244.	0.6	3
112	An arid-semiarid climate during the Noachian-Hesperian transition in the Huygens region, Mars: Evidence from morphological studies of valley networks. <i>Icarus</i> , 2022, 373, 114789.	1.1	3
113	Ancient primary crust beneath the Aristarchus plateau: Constraints from gravity and topography data. <i>Planetary and Space Science</i> , 2013, 89, 188-193.	0.9	2
114	Compositional evolution of lava plains in the Syria-Thaumasia Block, Mars. <i>Science China: Physics, Mechanics and Astronomy</i> , 2014, 57, 994-1000.	2.0	2
115	A timescale of true polar wander of a quasi-fluid Earth: An effect of a low-viscosity layer inside a mantle. <i>Physics of the Earth and Planetary Interiors</i> , 2015, 240, 25-33.	0.7	2
116	Unique curvilinear ridges in the Qaidam Basin, NW China: Implications for martian fluvial ridges. <i>Geomorphology</i> , 2021, 372, 107472.	1.1	2
117	Understanding the textures of Apollo 11 high- Ti mare basalts: A quantitative petrographic approach. <i>Meteoritics and Planetary Science</i> , 2021, 56, 2211-2229.	0.7	2
118	Non-Impact Origin of the Baisha Structure in Hainan Province, China. <i>Journal of Earth Science (Wuhan, China)</i> , 2020, 31, 385-392.	1.1	1
119	Shock-deformed zircon from the Chicxulub impact crater and implications for cratering process. <i>Geology</i> , 0, , .	2.0	1
120	Aeolian Landforms. <i>Advances in Planetary Science</i> , 2021, , 157-198.	0.0	0
121	Distribution characteristics of lipids from salt sediments in Qaidam Basin and their astrobiological significance. <i>Science China Earth Sciences</i> , 0, , 1.	2.3	0
122	New Evidence to Support Zephyria Tholus as a Composite Volcano on Mars. <i>Remote Sensing</i> , 2021, 13, 3891.	1.8	0
123	Ways to Study Mars. <i>Advances in Planetary Science</i> , 2021, , 1-33.	0.0	0
124	Valleys. <i>Advances in Planetary Science</i> , 2021, , 249-273.	0.0	0
125	Did the Hiawatha impact cause the Younger Dryas Event?. <i>Chinese Science Bulletin</i> , 2019, 64, 2270-2273.	0.4	0
126	High-Mg Dioritic Magmas Generated via Fractional Crystallization: Insights from Early Cretaceous Complex in the Handan-Xingtai District, North China Craton. <i>Journal of Geology</i> , 2022, 130, 45-62.	0.7	0