

Xiaoming Sun

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133
papers

2,050
citations

24
h-index

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g-index

152
ext. papers

2,667
ext. citations

3.3
avg, IF

5.19
L-index

#	Paper	IF	Citations
133	Nb/Ta fractionation observed in eclogites from the Chinese Continental Scientific Drilling Project. <i>Chemical Geology</i> , 2009 , 268, 27-40	4.2	97
132	How sulfate-driven anaerobic oxidation of methane affects the sulfur isotopic composition of pyrite: A SIMS study from the South China Sea. <i>Chemical Geology</i> , 2016 , 440, 26-41	4.2	96
131	Crust and mantle contributions to gold-forming process at the Daping deposit, Ailaoshan gold belt, Yunnan, China. <i>Ore Geology Reviews</i> , 2009 , 36, 235-249	3.2	88
130	Geology, geochemistry, and genesis of Axi: A Paleozoic low-sulfidation type epithermal gold deposit in Xinjiang, China. <i>Ore Geology Reviews</i> , 2009 , 36, 265-281	3.2	85
129	Monazite, iron oxide and barite exsolutions in apatite aggregates from CCSD drillhole eclogites and their geological implications. <i>Geochimica Et Cosmochimica Acta</i> , 2007 , 71, 2896-2905	5.5	62
128	Pyrite textures and compositions from the Zhuangzi Au deposit, southeastern North China Craton: implication for ore-forming processes. <i>Contributions To Mineralogy and Petrology</i> , 2018 , 173, 1	3.5	55
127	In-situ LA-ICP-MS U/Pb geochronology and trace elements analysis of polygenetic titanite from the giant Beiya gold polymetallic deposit in Yunnan Province, Southwest China. <i>Ore Geology Reviews</i> , 2016 , 77, 43-56	3.2	51
126	Natural and experimental constraints on formation of the continental crust based on niobium-tantalum fractionation. <i>International Geology Review</i> , 2009 , 51, 473-501	2.3	51
125	Stable isotope patterns of coexisting pyrite and gypsum indicating variable methane flow at a seep site of the Shenhu area, South China Sea. <i>Journal of Asian Earth Sciences</i> , 2016 , 123, 213-223	2.8	43
124	Physicochemical Processes in the Magma Chamber under the Black Mountain Porphyry Cu-Au Deposit, Philippines: Insights from Mineral Chemistry and Implications for Mineralization. <i>Economic Geology</i> , 2018 , 113, 63-82	4.3	40
123	Multiple sulfur isotope constraints on sulfate-driven anaerobic oxidation of methane: Evidence from authigenic pyrite in seepage areas of the South China Sea. <i>Geochimica Et Cosmochimica Acta</i> , 2017 , 211, 153-173	5.5	38
122	NANO- TO MICRON-SCALE PARTICULATE GOLD HOSTED BY MAGNETITE: A PRODUCT OF GOLD SCAVENGING BY BISMUTH MELTS. <i>Economic Geology</i> , 2017 , 112, 993-1010	4.3	36
121	In-situ LA-ICP-MS trace elements analysis of scheelites from the giant Beiya gold polymetallic deposit in Yunnan Province, Southwest China and its metallogenic implications. <i>Ore Geology Reviews</i> , 2017 , 80, 828-837	3.2	36
120	Mineralogy and mineral chemistry of Bi-minerals: Constraints on ore genesis of the Beiya giant porphyry-skarn gold deposit, southwestern China. <i>Ore Geology Reviews</i> , 2016 , 79, 408-424	3.2	35
119	Morphology and formation mechanism of pyrite induced by the anaerobic oxidation of methane from the continental slope of the NE South China Sea. <i>Journal of Asian Earth Sciences</i> , 2014 , 92, 293-301	2.8	35
118	The enrichment of heavy iron isotopes in authigenic pyrite as a possible indicator of sulfate-driven anaerobic oxidation of methane: Insights from the South China Sea. <i>Chemical Geology</i> , 2017 , 449, 15-29	4.2	35
117	Formation of dolomite catalyzed by sulfate-driven anaerobic oxidation of methane: Mineralogical and geochemical evidence from the northern South China Sea. <i>American Mineralogist</i> , 2018 , 103, 720-734	2.9	35

116	Fluid inclusion geochemistry and Ar/Ar geochronology of the Cenozoic Bangbu orogenic gold deposit, southern Tibet, China. <i>Ore Geology Reviews</i> , 2016 , 74, 196-210	3.2	33
115	New insights into nanostructure and geochemistry of bioapatite in REE-rich deep-sea sediments: LA-ICP-MS, TEM, and Z-contrast imaging studies. <i>Chemical Geology</i> , 2019 , 512, 58-68	4.2	31
114	Genesis of ilmenite-series I-type granitoids at the Baogutu reduced porphyry Cu deposit, western Junggar, NW-China. <i>Lithos</i> , 2016 , 246-247, 13-30	2.9	31
113	Geology, geochemistry, and genesis of orogenic gold-antimony mineralization in the Himalayan Orogen, South Tibet, China. <i>Ore Geology Reviews</i> , 2014 , 58, 68-90	3.2	31
112	Ore geology and fluid evolution of the giant Caixiashan carbonate-hosted Zn-Pb deposit in the Eastern Tianshan, NW China. <i>Ore Geology Reviews</i> , 2016 , 72, 355-372	3.2	29
111	Mineralogy, geochemistry and genesis of the polymetallic crusts and nodules from the South China Sea. <i>Ore Geology Reviews</i> , 2017 , 89, 206-227	3.2	25
110	Using Mineral Chemistry to Aid Exploration: A Case Study from the Resolution Porphyry Cu-Mo Deposit, Arizona. <i>Economic Geology</i> , 2020 , 115, 813-840	4.3	25
109	Cold seep status archived in authigenic carbonates: Mineralogical and isotopic evidence from Northern South China Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015 , 122, 95-105	2.3	24
108	Geochronology of the giant Beiya gold-polymetallic deposit in Yunnan Province, Southwest China and its relationship with the petrogenesis of alkaline porphyry. <i>Ore Geology Reviews</i> , 2015 , 71, 138-149	3.2	24
107	Enrichment of rare earth elements in siliceous sediments under slow deposition: A case study of the central North Pacific. <i>Ore Geology Reviews</i> , 2018 , 94, 12-23	3.2	24
106	PGE geochemistry and Re-Os dating of massive sulfide ores from the Baimazhai Cu-Ni deposit, Yunnan province, China. <i>Lithos</i> , 2008 , 105, 12-24	2.9	24
105	Multiple sulfur isotopic evidence for the origin of elemental sulfur in an iron-dominated gas hydrate-bearing sedimentary environment. <i>Marine Geology</i> , 2018 , 403, 271-284	3.3	22
104	Geochronology of the North Caribou greenstone belt, Superior Province Canada: Implications for tectonic history and gold mineralization at the Musselwhite mine. <i>Precambrian Research</i> , 2012 , 192-195, 209-230	3.9	22
103	He-Ar isotope geochemistry of the Yaoling-Meiziwo tungsten deposit, North Guangdong Province: Constraints on Yanshanian crust-mantle interaction and metallogenesis in SE China. <i>Science Bulletin</i> , 2012 , 57, 1150-1159		21
102	Initiation of Zn-Pb mineralization in the Pingbao Pb-Zn skarn district, South China: Constraints from U-Pb dating of grossular-rich garnet. <i>Ore Geology Reviews</i> , 2019 , 107, 587-599	3.2	20
101	Geochronology and geochemistry of the high Mg dioritic dikes in Eastern Tianshan, NW China: Geochemical features, petrogenesis and tectonic implications. <i>Journal of Asian Earth Sciences</i> , 2016 , 115, 442-454	2.8	20
100	Occurrences and distribution of invisible precious metals in sulfide deposits from the Edmond hydrothermal field, Central Indian Ridge. <i>Ore Geology Reviews</i> , 2016 , 79, 105-132	3.2	20
99	Phenocryst Zonation in Porphyry-Related Rocks of the Baguio District, Philippines: Evidence for Magmatic and Metallogenic Processes. <i>Journal of Petrology</i> , 2018 , 59, 825-848	3.9	20

98	Multi-stage arc magma evolution recorded by apatite in volcanic rocks. <i>Geology</i> , 2020 , 48, 323-327	5	18
97	Trace element geochemistry of magnetite: Implications for ore genesis of the Talate skarn Pb-Zn (-Fe) deposit, Altay, NW China. <i>Ore Geology Reviews</i> , 2018 , 100, 471-482	3.2	17
96	Trace element geochemistry of magnetite from the giant Beiya gold-polymetallic deposit in Yunnan Province, Southwest China and its implications for the ore forming processes. <i>Ore Geology Reviews</i> , 2017 , 91, 477-490	3.2	17
95	Using zircon trace element composition to assess porphyry copper potential of the Guichon Creek batholith and Highland Valley Copper deposit, south-central British Columbia. <i>Mineralium Deposita</i> , 2021 , 56, 215-238	4.8	17
94	LA-ICP-MS trace element mapping: Element mobility of hydrothermal magnetite from the giant Beiya Fe-Au skarn deposit, SW China. <i>Ore Geology Reviews</i> , 2018 , 92, 463-474	3.2	17
93	The effect of Fe-Mn minerals and seawater interface and enrichment mechanism of ore-forming elements of polymetallic crusts and nodules from the South China Sea. <i>Acta Oceanologica Sinica</i> , 2017 , 36, 34-46	1	16
92	Geochronology and trace element geochemistry of titanite in the Machangqing Cu-Mo-dominated polymetallic deposit, Yunnan Province, southwest China. <i>Journal of Asian Earth Sciences</i> , 2018 , 158, 398-414	2.8	16
91	Re-Os pyrite geochronology of Zn-Pb mineralization in the giant Caixiashan deposit, NW China. <i>Mineralium Deposita</i> , 2016 , 51, 309-317	4.8	15
90	The Role of Recycled Oceanic Crust in the Generation of Alkaline A-Type Granites. <i>Journal of Geophysical Research: Solid Earth</i> , 2017 , 122, 9775-9783	3.6	15
89	HEMATITE U-Pb GEOCHRONOMETER: INSIGHTS FROM MONAZITE AND HEMATITE INTEGRATED CHRONOLOGY OF THE YAOAN GOLD DEPOSIT, SOUTHWEST CHINA. <i>Economic Geology</i> , 2017 , 112, 2023-2039	4.3	15
88	U-Pb Geochronology and Geochemistry of U-Rich Garnet from the Giant Beiya Gold-Polymetallic Deposit in SW China: Constraints on Skarn Mineralization Process. <i>Minerals (Basel, Switzerland)</i> , 2018 , 8, 128	2.4	15
87	Onset and duration of Zn-Pb mineralization in the Talate Pb-Zn (Fe) skarn deposit, NW China: Constraints from spessartine U-Pb dating. <i>Gondwana Research</i> , 2018 , 63, 117-128	5.1	15
86	Contribution of thermogenic organic matter to the formation of biogenic gas hydrate: Evidence from geochemical and microbial characteristics of hydrate-containing sediments in the Taixinan Basin, South China Sea. <i>Marine and Petroleum Geology</i> , 2017 , 80, 432-449	4.7	14
85	Micro- and nano-scale textural and compositional zonation in plagioclase at the Black Mountain porphyry Cu deposit: Implications for magmatic processes. <i>American Mineralogist</i> , 2019 , 104, 391-402	2.9	14
84	N ₂ -Ar-He systematics and source of ore-forming fluid in Changkeng Au-Ag deposit, central Guangdong, China*. <i>Science in China Series D: Earth Sciences</i> , 1999 , 42, 474-481		14
83	Geology and origin of the Zhunuo porphyry copper deposit, Gangdese belt, southern Tibet. <i>Mineralium Deposita</i> , 2021 , 56, 457-480	4.8	14
82	Intensity of methane seepage reflected by relative enrichment of heavy magnesium isotopes in authigenic carbonates: A case study from the South China Sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2017 , 129, 10-21	2.5	13
81	Mineralogy of Bi-sulfosalts and tellurides from the Yaoan gold deposit, southwest China: Metallogenic implications. <i>Ore Geology Reviews</i> , 2018 , 98, 126-140	3.2	13

80	Fe-Mn (oxyhydr)oxides as an indicator of REY enrichment in deep-sea sediments from the central North Pacific. <i>Ore Geology Reviews</i> , 2019 , 112, 103044	3.2	13
79	Characterization and Quantification of Magnetofossils Within Abyssal Manganese Nodules From the Western Pacific Ocean and Implications for Nodule Formation. <i>Geochemistry, Geophysics, Geosystems</i> , 2020 , 21, e2019GC008811	3.6	12
78	High-resolution LA-ICP-MS mapping of deep-sea polymetallic micronodules and its implications on element mobility. <i>Gondwana Research</i> , 2020 , 81, 461-474	5.1	12
77	In Situ Elemental and Sr Isotope Characteristics of Magmatic to Hydrothermal Minerals from the Black Mountain Porphyry Deposit, Baguio District, Philippines. <i>Economic Geology</i> , 2020 , 115, 927-944	4.3	11
76	Fluid inclusion and isotope geochemistry of the Yangla copper deposit, Yunnan, China. <i>Mineralogy and Petrology</i> , 2014 , 108, 303-315	1.6	11
75	Re-Os dating of auriferous pyrite from the Zhenyuan super-large gold deposit in Ailaoshan gold belt, Yunnan Province, Southwestern China. <i>Science Bulletin</i> , 2012 , 57, 4578-4586		11
74	Late Cretaceous climbing erg systems in the western Xinjiang Basin: Palaeoatmosphere dynamics and East Asia margin tectonic forcing on desert expansion and preservation. <i>Marine and Petroleum Geology</i> , 2018 , 93, 539-552	4.7	10
73	The structure and crystal chemistry of vernadite in ferromanganese crusts. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2019 , 75, 591-598	1.8	10
72	LA-ICP-MS U-Th-Pb Dating and Trace Element Geochemistry of Allanite: Implications on the Different Skarn Metallogenesis between the Giant Beiya Au and Machangqing Cu-Mo-(Au) Deposits in Yunnan, SW China. <i>Minerals (Basel, Switzerland)</i> , 2017 , 7, 251	2.4	10
71	Geochemistry of the Mesoproterozoic intrusive rocks of the Nipigon Embayment, northwestern Ontario: evaluating the earliest phases of rift development. <i>Canadian Journal of Earth Sciences</i> , 2007 , 44, 1087-1110	1.5	10
70	Distribution of Rare Earth Elements plus Yttrium among Major Mineral Phases of Marine Fe-Mn Crusts from the South China Sea and Western Pacific Ocean: A Comparative Study. <i>Minerals (Basel, Switzerland)</i> , 2019 , 9, 8	2.4	10
69	Mesozoic porphyry Cu-Au mineralization and associated adakite-like magmatism in the Philippines: insights from the giant Atlas deposit. <i>Mineralium Deposita</i> , 2020 , 55, 881-900	4.8	10
68	Biomineralisation of the ferromanganese crusts in the Western Pacific Ocean. <i>Journal of Asian Earth Sciences</i> , 2017 , 136, 58-67	2.8	9
67	The genetic linkage between the Yuanjiang marble-hosted ruby deposit and Cenozoic tectonic evolution of the Ailao Shan-Red River shear zone (Southwest China). <i>Journal of Asian Earth Sciences</i> , 2019 , 177, 38-47	2.8	9
66	Identification of influential parameters through sensitivity analysis of the TOUGH-Hydrate model using LH-OAT sampling. <i>Marine and Petroleum Geology</i> , 2015 , 65, 141-156	4.7	9
65	Texture and geochemistry of multi-stage hydrothermal scheelite in the Tongshankou porphyry-skarn Cu-Mo-(W) deposit, eastern China: Implications for ore-forming process and fluid metasomatism. <i>American Mineralogist</i> , 2020 , 105, 945-954	2.9	9
64	Ore genesis of the unusual Talate Pb-Zn-(Be) skarn-type deposit, Altay, NW China: constraints from geology, geochemistry and geochronology. <i>Geological Journal</i> , 2014 , 49, 599-616	1.7	9
63	Mineralogical constraints on the magmatic-hydrothermal evolution of rare-elements deposits in the Bailongshan granitic pegmatites, Xinjiang, NW China. <i>Lithos</i> , 2020 , 352-353, 105208	2.9	9

62	Biogenic mineralization in the ferromanganese nodules and crusts from the South China Sea. <i>Journal of Asian Earth Sciences</i> , 2019 , 171, 46-59	2.8	9
61	Isotopic footprints of the giant Precambrian Caixiashan Zn-Pb mineralization system. <i>Precambrian Research</i> , 2018 , 305, 79-90	3.9	9
60	Geochemistry of fine-grained clastic rocks in the Mesoproterozoic Kawabulake Group: implications for provenance and the tectonic model of the Eastern Tianshan, Xinjiang, NW China. <i>International Journal of Earth Sciences</i> , 2017 , 106, 115-129	2.2	8
59	The identification of the Guqiong orogenic Ag-Au polymetallic deposit in southern Tibet: Evidences from mineralogy, geochronology and fluid evolution. <i>Ore Geology Reviews</i> , 2019 , 111, 102950	3.2	8
58	Apatite Texture, Composition, and O-Sr-Nd Isotope Signatures Record Magmatic and Hydrothermal Fluid Characteristics at the Black Mountain Porphyry Deposit, Philippines. <i>Economic Geology</i> ,	4.3	8
57	Timing of skarn gold deposition in the giant Beiya polymetallic gold deposit, southwest China: Constraints from in situ monazite SIMS U-Th-Pb geochronology. <i>Ore Geology Reviews</i> , 2019 , 106, 226-237	2.2	7
56	Magnetite texture and trace-element geochemistry fingerprint of pulsed mineralization in the Xinqiao Cu-Fe-Au deposit, Eastern China. <i>American Mineralogist</i> , 2020 , 105, 1712-1723	2.9	7
55	Critical metal enrichment mechanism of deep-sea hydrogenetic nodules: Insights from mineralogy and element mobility. <i>Ore Geology Reviews</i> , 2020 , 118, 103371	3.2	7
54	A novel authigenic magnetite source for sedimentary magnetization. <i>Geology</i> , 2021 , 49, 360-365	5	7
53	Genesis of late carboniferous granitoid intrusions in the Dayinsu area, West Junggar, Northwest China: evidence of an arc setting for the western CAOB. <i>International Geology Review</i> , 2017 , 59, 1082-1096	2.3	6
52	Coupled trace element and SIMS sulfur isotope geochemistry of sedimentary pyrite: Implications on pyrite growth of Caixiashan Pb-Zn deposit. <i>Geoscience Frontiers</i> , 2019 , 10, 2177-2188	6	6
51	Constraints on the left lateral shearing and crustal melting of the Ailaoshan Massif, Yunnan Province, Southwest China. <i>Journal of Asian Earth Sciences</i> , 2019 , 177, 186-197	2.8	6
50	Re-Os dating of sulphides from the Yushui Cu-polymetallic deposit in eastern Guangdong Province, South China. <i>Ore Geology Reviews</i> , 2015 , 70, 281-289	3.2	6
49	Geochemistry and origins of carbonate fluorapatite in seamount FeMn crusts from the Pacific Ocean. <i>Marine Geology</i> , 2020 , 423, 106135	3.3	6
48	Iron isotope constraints on diagenetic iron cycling in the Taixinan seepage area, South China Sea. <i>Journal of Asian Earth Sciences</i> , 2018 , 168, 112-124	2.8	6
47	Microstructural characterization and in-situ sulfur isotopic analysis of silver-bearing sphalerite from the Edmond hydrothermal field, Central Indian Ridge. <i>Ore Geology Reviews</i> , 2018 , 92, 318-347	3.2	6
46	Theoretical Prediction of Gibbs Free Energies of Formation for Crystalline FeOOH and Fe ₂ O ₃ Based on a Linear Free-Energy Relationship. <i>Acta Geologica Sinica</i> , 2011 , 85, 656-660	0.7	6
45	Nano-sized graphitic carbon in authigenic tube pyrites from offshore southwest Taiwan, South China Sea, and its implication for tracing gas hydrate. <i>Science Bulletin</i> , 2011 , 56, 2037-2043		6

44	Inherited Eocene magmatic tourmaline captured by the Miocene Himalayan leucogranites. <i>American Mineralogist</i> , 2020 , 105, 1436-1440	2.9	6
43	Mineralogy and Geochemistry of Deep-Sea Sediments from the Ultraslow-Spreading Southwest Indian Ridge: Implications for Hydrothermal Input and Igneous Host Rock. <i>Minerals (Basel, Switzerland)</i> , 2021 , 11, 138	2.4	6
42	Fine scale study of major and trace elements in the Fe-Mn nodules from the South China Sea and their metallogenic constraints. <i>Marine Geology</i> , 2019 , 416, 105978	3.3	5
41	Rare Earth Elements Composition and Constraint on the Genesis of the Polymetallic Crusts and Nodules in the South China Sea. <i>Acta Geologica Sinica</i> , 2017 , 91, 1751-1766	0.7	5
40	Late Cretaceous plateau deserts in the South China Block, and Quaternary analogues; sedimentology, dune reconstruction and wind-water interactions. <i>Marine and Petroleum Geology</i> , 2020 , 120, 104504	4.7	4
39	Late Miocene provenance evolution at the head of Central Canyon in the Qiongdongnan Basin, Northern South China Sea. <i>Marine and Petroleum Geology</i> , 2019 , 110, 787-796	4.7	4
38	Assessment of Geological Security and Integrated Assessment Geo-environmental Suitability in Worst-hit Areas in Wenchuan Quake. <i>Acta Geologica Sinica</i> , 2009 , 83, 816-825	0.7	4
37	Remelting of a Neoproterozoic arc root: origin of the Pulang and Songnuo porphyry Cu deposits, Southwest China. <i>Mineralium Deposita</i> , 2021 , 56, 1043-1070	4.8	4
36	A Special Issue Devoted to Porphyry and Epithermal Deposits of the Southwest Pacific: An Introduction. <i>Economic Geology</i> , 2018 , 113, 1-6	4.3	4
35	Early Miocene expansion of C4 vegetation on the northern Tibetan Plateau. <i>Global and Planetary Change</i> , 2019 , 177, 173-185	4.2	3
34	Geochronology and fluid evolution of the Machangqing Cu-Mo polymetallic deposit, western Yunnan, SW China. <i>Ore Geology Reviews</i> , 2020 , 127, 103828	3.2	3
33	A magnetic approach to unravelling the paleoenvironmental significance of nanometer-sized Fe hydroxide in NW Pacific ferromanganese deposits. <i>Earth and Planetary Science Letters</i> , 2021 , 565, 116945	5.3	3
32	Ore genesis and hydrothermal evolution of the Shaxi porphyry Cu-Au deposit, Anhui province, Eastern China: evidence from isotopes (S, Br, Hf, D), pyrite, and fluid inclusions. <i>Mineralium Deposita</i> , 2021 , 56, 767-788	4.8	3
31	New ⁴⁰ Ar/ ³⁹ Ar and (U-Th)/He dating for the Zhunuo porphyry Cu deposit, Gangdese belt, southern Tibet: implications for pulsed magmatic-hydrothermal processes and ore exhumation and preservation. <i>Mineralium Deposita</i> , 2021 , 56, 917-934	4.8	3
30	He/Ar Isotopic Compositions of Polymetallic Sulphides from Hydrothermal Vent Fields along the Ultraslow-Spreading Southwest Indian Ridge and Their Geological Implications. <i>Minerals (Basel, Switzerland)</i> , 2018 , 8, 512	2.4	3
29	Molybdenum isotope composition of seep carbonates [Constraints on sediment biogeochemistry in seepage environments. <i>Geochimica Et Cosmochimica Acta</i> , 2021 , 307, 56-71	5.5	3
28	Preparation of Authigenic Pyrite from Methane-bearing Sediments for In Situ Sulfur Isotope Analysis Using SIMS. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	2
27	Channelized fluids in subducted continental crust: constraints from D ₂ O of quartz and fluid inclusions in quartz veins from the Chinese Continental Scientific Drilling Project. <i>International Geology Review</i> , 2011 , 53, 1443-1463	2.3	2

26	Microthermometric measurement of fluid inclusions and its constraints on genesis of PGE-polymetallic deposits in Lower Cambrian black rock series, southern China. <i>Diqiu Huaxue</i> , 2005 , 24, 297-305		2
25	Abyssal Manganese Nodule Recording of Global Cooling and Tibetan Plateau Uplift Impacts on Asian Aridification. <i>Geophysical Research Letters</i> , 2022 , 49,	4.9	2
24	Elemental and isotopic response of different carbon components to anaerobic oxidation of methane: A case study of marine sediments in the Shenhu region, northern South China Sea. <i>Journal of Asian Earth Sciences</i> , 2021 , 206, 104577	2.8	2
23	Tectonic and magmatic evolution of the Aqishan-Yamansu belt: A Paleozoic arc-related basin in the Eastern Tianshan (NW China). <i>Bulletin of the Geological Society of America</i> , 2021 , 133, 1320-1344	3.9	2
22	Helium and Argon Isotopes in the Fe-Mn Polymetallic Crusts and Nodules from the South China Sea: Constraints on Their Genetic Sources and Origins. <i>Minerals (Basel, Switzerland)</i> , 2018 , 8, 471	2.4	2
21	In situ pyrite sulfur isotope and trace element analyses of the world-class Dachang gold deposit, northern Qinghai-Tibetan Plateau: Implications for metallogenesis. <i>Ore Geology Reviews</i> , 2021 , 138, 104347	3.2	2
20	Explorations on footprints of salt-rich fluid and salt-depleted fluid immiscibility in hydrothermal systems: Insights from divergent partitioning of sulfate and perchlorate in the ZnSO ₄ n(ClO ₄) ₂ H ₂ O system. <i>Chemical Geology</i> , 2021 , 584, 120520	4.2	2
19	Geochemical and microbial characters of sediment from the gas hydrate area in the Taixinan Basin, South China Sea. <i>Acta Oceanologica Sinica</i> , 2017 , 36, 52-64	1	1
18	Dating of sediment-hosted disseminated-type gold deposit by using ⁴⁰ Ar/ ³⁹ Ar laser probe: A case study of Changkeng large-scale gold deposit, China. <i>Science Bulletin</i> , 2003 , 48, 1887-1891		1
17	Spatial distribution and migration of Pu in Chinese soils.. <i>Science of the Total Environment</i> , 2022 , 153724	10.2	1
16	A DSC approach to adaptive dynamic region-based tracking control for strict-feedback non-linear systems. <i>IET Control Theory and Applications</i> , 2022 , 16, 94	2.5	1
15	LA-ICP-MS U ^{Pb} Dating of Cenozoic Rutile Inclusions in the Yuanjiang Marble-Hosted Ruby Deposit, Ailao Shan Complex, Southwest China. <i>Minerals (Basel, Switzerland)</i> , 2021 , 11, 433	2.4	1
14	Geology of the Mesoproterozoic Pillar Lake Volcanics and Inspiration Sill, Armstrong, Ontario: evidence of early Midcontinent Rift magmatism in the northwestern Nipigon Embayment. <i>Canadian Journal of Earth Sciences</i> , 1-15	1.5	1
13	Deciphering the geochemical link between seep carbonates and enclosed pyrite: A case study from the northern South China sea. <i>Marine and Petroleum Geology</i> , 2021 , 128, 105020	4.7	1
12	Fluid Inclusions and Stable Isotopic Characteristics of the Yaoling Tungsten Deposit in South China: Metallogenetic Constraints. <i>Resource Geology</i> , 2019 , 69, 107-122	1	1
11	South China Sea Seeps. <i>Journal of Asian Earth Sciences</i> , 2018 , 168, 1-2	2.8	1
10	The geochemical evolution of the Logan Igneous Suite, Ontario, Canada: New insights from the Logan Basin and implications for the genesis of the Mesoproterozoic Midcontinent Rift System. <i>Geological Society Special Publication</i> , SP518-2021-6	1.7	1
9	Geochemistry of multi-stage scheelite in the skarn: Constraints on ore-forming processes of the Machangqing Cu-Mo polymetallic deposit in Yunnan Province, southwest China. <i>Ore Geology Reviews</i> , 2021 , 138, 104370	3.2	1

8	Quantifying the controlling mineral phases of rare-earth elements in deep-sea pelagic sediments. <i>Chemical Geology</i> , 2022 , 595, 120792	4.2	1
7	Fluid inclusion, siliceous rock geochemistry of Shewushan lateritic gold deposit, Hubei Province, eastern China: Implication for the genesis of primary orebody. <i>Diqiu Huaxue</i> , 2014 , 33, 65-76		0
6	PL57 garnet as a new natural reference material for in situ U ^{Bb} isotope analysis and its perspective for geological applications. <i>Contributions To Mineralogy and Petrology</i> , 2022 , 177, 1	3.5	0
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