

Leon Bagas

List of Publications by Year in descending order

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52
papers

1,578
citations

331259

21
h-index

301761

39
g-index

54
all docs

54
docs citations

54
times ranked

803
citing authors

#	ARTICLE	IF	CITATIONS
1	Mid-Neoproterozoic tectonic evolution of the northern margin of the Yangtze Block, South China: New insights from high-temperature magma events. <i>Lithos</i> , 2022, 420-421, 106711.	0.6	1
2	The Mojiawan I-type granite of the Kangding Complex in the western Yangtze Block: new constraint on the Neoproterozoic magmatism and tectonic evolution of South China. <i>International Geology Review</i> , 2021, 63, 2293-2313.	1.1	6
3	Review of the regional nomenclature and tectonic setting for mesozoic gold deposits in the Malanyu Anticline area of Eastern Hebei Province, North China. <i>International Geology Review</i> , 2021, 63, 2257-2278.	1.1	4
4	Origin and classification of the Late Triassic Huaishuping gold deposit in the eastern part of the Qinling-Dabie Orogen, China: implications for gold metallogeny. <i>Mineralium Deposita</i> , 2021, 56, 725-742.	1.7	21
5	A transpressional model for deformation patterns in northern part of Dezful Embayment's oil fields in Zagros (Iran), using geo-information technologies. <i>Marine and Petroleum Geology</i> , 2021, 123, 104736.	1.5	3
6	Geochronology and petrogenesis of the composite Zuluhong Granite, North Xinjiang Province of China: Implications for the crust-mantle interaction and continental crustal growth in Western Tianshan Orogen. <i>Lithos</i> , 2021, 380-381, 105837.	0.6	3
7	Petrogenesis of the Late Triassic Biluoxueshan granitic pluton, SW China: Implications for the tectonic evolution of the Paleo-Tethys Sanjiang Orogen. <i>Journal of Asian Earth Sciences</i> , 2021, 211, 104700.	1.0	8
8	Genesis of the vein-type Gaocheng Ag-Pb-Zn deposit in the western Guangdong Province of China and its implication for regional exploration. <i>Ore Geology Reviews</i> , 2021, 134, 104137.	1.1	0
9	Time scales of multistage magma-related hydrothermal fluids at the giant Yulong porphyry Cu-Mo deposit in eastern Tibet: Insights from titanium diffusion in quartz. <i>Ore Geology Reviews</i> , 2021, 139, 104459.	1.1	11
10	An ancient continental crustal source for Mo mineralisation in the eastern Central Asian Orogen: A case study of the Bilugangan Mo deposit. <i>Ore Geology Reviews</i> , 2021, 139, 104513.	1.1	1
11	Whether short-lived or prolonged duration of multistage combined magmatic and hydrothermal events in the giant Chalukou porphyry Mo deposit, China. <i>Ore Geology Reviews</i> , 2021, 140, 104576.	1.1	2
12	Southern China's manganese resource assessment: An overview of resource status, mineral system, and prediction model. <i>Ore Geology Reviews</i> , 2020, 116, 103261.	1.1	11
13	Fluid composition and evolution of the Langxi Ba-F deposit, Yangtze Block, China: New insight from LA-ICP-MS study of individual fluid inclusion. <i>Ore Geology Reviews</i> , 2020, 125, 103702.	1.1	21
14	Origin and evolution of the Neoproterozoic Dengganping Granitic Complex in the western margin of the Yangtze Block, SW China: Implications for breakup of Rodina Supercontinent. <i>Lithos</i> , 2020, 370-371, 105602.	0.6	9
15	The complex tectonic evolution of the craton-adjacent northern margin of the Palaeoproterozoic Ketilidian Orogen, southeastern Greenland: Evidence from the geochemistry of mafic to intermediate and granitic intrusions. <i>Lithos</i> , 2020, 358-359, 105384.	0.6	5
16	Mesozoic–Cenozoic sedimentary rock records and applications for provenance of sediments and affiliation of the Simao Terrane, SW China. <i>International Geology Review</i> , 2019, 61, 2291-2312.	1.1	11
17	The Laqiong Sb-Au deposit: Implications for polymetallic mineral systems in the Tethys-Himalayan zone of southern Tibet, China. <i>Gondwana Research</i> , 2019, 72, 83-96.	3.0	28
18	The Triassic Bilugangan deposit: Geological constraints on the genesis of one of the oldest Mo deposits in Inner Mongolia, China. <i>Ore Geology Reviews</i> , 2019, 107, 837-852.	1.1	3

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19	Genesis of the Hanwang Fe deposit in Neoproterozoic granite-greenstone succession of the eastern North China Craton. <i>Ore Geology Reviews</i> , 2019, 105, 387-403.	1.1	11
20	Origin of the Mo-bearing Xiaoshuijing Syenogranite in the Tengchong Terrane, SW China. <i>Ore Geology Reviews</i> , 2019, 105, 258-272.	1.1	9
21	Reply to and comment on "The usage of $^{238}\text{U}/^{207}\text{Pb}$ vs $^{206}\text{Pb}/^{207}\text{Pb}$ linear regressions for the LA-ICP-MS U-Pb dating of cassiterite". <i>Ore Geology Reviews</i> , 2018, 95, 1188-1190.	1.1	3
22	Crustal architecture and metallogeny in the south-eastern North China Craton. <i>Earth-Science Reviews</i> , 2018, 182, 251-272.	4.0	141
23	The genesis of the Liancheng Cu-Mo deposit in the Lanping Basin of SW China: Constraints from geology, fluid inclusions, and Cu-Sr-Hf-O isotopes. <i>Ore Geology Reviews</i> , 2018, 92, 113-128.	1.1	32
24	Reply to the comment titled "The usage of $^{238}\text{U}/^{207}\text{Pb}$ vs $^{206}\text{Pb}/^{207}\text{Pb}$ linear regressions for the LA-ICP-MS U-Pb dating of cassiterite" on the manuscript "Geological, geochemical, and geochronological characteristics of Weilasituo Sn-polymetal deposit, Inner Mongolia, China". <i>Ore Geology Reviews</i> , 2018, 102, 949-950.	1.1	1
25	Crustal architecture and its controls on mineralisation in the North China Craton. <i>Ore Geology Reviews</i> , 2018, 98, 109-125.	1.1	24
26	Geochronology and petrogenesis of the granites in Malayu Anticline in eastern North China Block. <i>Lithos</i> , 2018, 312-313, 21-37.	0.6	13
27	Two mineralization events in the Baiyinnuoer Zn-Pb deposit in Inner Mongolia, China: Evidence from field observations, S-Pb isotopic compositions and U-Pb zircon ages. <i>Journal of Asian Earth Sciences</i> , 2017, 144, 339-367.	1.0	50
28	Zircon Hf isotopic mapping for understanding crustal architecture and metallogeny in the Eastern Qinling Orogen. <i>Gondwana Research</i> , 2017, 50, 293-310.	3.0	76
29	An irregular triangle mesh buffer analysis method for boundary representation geological object in three-dimension. <i>Earth Science Informatics</i> , 2017, 10, 149-167.	1.6	6
30	GIS-based prospectivity-mapping based on geochemical multivariate analysis technology: A case study of MVT Pb-Zn deposits in the Huanyuan-Fenghuang district, northwestern Hunan Province, China. <i>Ore Geology Reviews</i> , 2017, 91, 1130-1146.	1.1	6
31	Integrated GIS-based modelling for the quantitative prediction of magmatic Ti-V-Fe deposits: A case study in the Panzihua-Xichang area of southwest China. <i>Ore Geology Reviews</i> , 2017, 91, 1102-1118.	1.1	6
32	The China National Mineral Assessment Initiative. <i>Ore Geology Reviews</i> , 2017, 91, 1084-1093.	1.1	10
33	Insights into ore genesis of the Jinding Zn-Pb deposit, Yunnan Province, China: Evidence from Zn and in-situ S isotopes. <i>Ore Geology Reviews</i> , 2017, 90, 943-957.	1.1	53
34	Geological, geochemical, and geochronological characteristics of Weilasituo Sn-polymetal deposit, Inner Mongolia, China. <i>Ore Geology Reviews</i> , 2017, 80, 1206-1229.	1.1	74
35	The geology and geochemistry of Jinchangyu gold deposit, North China Craton: Implications for metallogeny and geodynamic setting. <i>Ore Geology Reviews</i> , 2016, 73, 313-329.	1.1	35
36	The relationship between gold mineralization, exhumation of metamorphic core complex and magma cooling: Formation of the Anjiayingzi Au deposit, northern North China Craton. <i>Ore Geology Reviews</i> , 2016, 73, 222-240.	1.1	21

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37	An improved buffer analysis technique for model-based 3D mineral potential mapping and its application. <i>Ore Geology Reviews</i> , 2016, 76, 94-107.	1.1	35
38	On the processes that formed Archaean Ni-Cu sulfide mineralisation in the deep continental crust, Thrym Complex, southeastern Greenland. <i>Precambrian Research</i> , 2016, 277, 68-86.	1.2	7
39	Terrane boundary and spatio-temporal distribution of ore deposits in the Sanjiang Tethyan Orogen: Insights from zircon Hf-isotopic mapping. <i>Earth-Science Reviews</i> , 2016, 156, 39-65.	4.0	145
40	The genesis of metal zonation in the Weilasituo and Bairendaba Ag ⁺ Zn ⁺ Pb ⁺ Cu ⁺ (Sn ⁺ W) deposits in the shallow part of a porphyry Sn ⁺ W ⁺ Rb system, Inner Mongolia, China. <i>Ore Geology Reviews</i> , 2016, 75, 150-173.	1.1	83
41	Geology and ore genesis of the Yu'erya gold deposit, eastern Hebei Province, China. <i>Ore Geology Reviews</i> , 2016, 73, 270-283.	1.1	12
42	Age, nature, and origin of Ordovician Zhibenshan granite from the Baoshan terrane in the Sanjiang region and its significance for understanding Proto-Tethys evolution. <i>International Geology Review</i> , 2015, 57, 1922-1939.	1.1	61
43	Cretaceous ⁺ Cenozoic tectonic history of the Jiaojia Fault and gold mineralization in the Jiaodong Peninsula, China: constraints from zircon U ⁺ Pb, illite K ⁺ Ar, and apatite fission track thermochronometry. <i>Mineralium Deposita</i> , 2015, 50, 987-1006.	1.7	171
44	GIS-based 3D prospectivity mapping: A case study of Jiama copper-polymetallic deposit in Tibet, China. <i>Ore Geology Reviews</i> , 2015, 71, 611-632.	1.1	72
45	Metallogeny of the North Atlantic Craton in Greenland. <i>Mineralogical Magazine</i> , 2015, 79, 815-855.	0.6	8
46	Radiolytic alteration of biopolymers in the Mulga Rock (Australia) uranium deposit. <i>Applied Geochemistry</i> , 2015, 52, 97-108.	1.4	27
47	The Granites - Tanami Orogen Subsurface Geometry as Revealed by and Integrated Potential Field Geophysical and Geological Study. <i>ASEG Extended Abstracts</i> , 2015, 2015, 1-3.	0.1	0
48	Re ⁺ Os ages for molybdenum mineralization in the Fengning region of northern Hebei Province, China: New constraints on the timing of mineralization and geodynamic setting. <i>Journal of Asian Earth Sciences</i> , 2014, 79, 873-883.	1.0	29
49	Partial melting of the Archaean Thrym Complex of southeastern Greenland. <i>Lithos</i> , 2013, 160-161, 164-182.	0.6	10
50	Field relationship of high-grade Neo- to Mesoarchaean rocks of South-East Greenland: Tectonometamorphic and magmatic evolution. <i>Gondwana Research</i> , 2013, 23, 471-492.	3.0	23
51	Zircon SHRIMP U ⁺ Pb geochronology of potassic felsic intrusions in western Yunnan, SW China: Constraints on the relationship of magmatism to the Jinsha suture. <i>Gondwana Research</i> , 2012, 22, 737-747.	3.0	121
52	An example of a Palaeoproterozoic back-arc basin: Petrology and geochemistry of the ca. 1864Ma Stubbins Formation as an aid towards an improved understanding of the Granites ⁺ Tanami Orogen, Western Australia. <i>Precambrian Research</i> , 2008, 166, 168-184.	1.2	52