Mingjian Cao

List of Publications by Year
in descending order

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34 papers	1,570 citations	279798 23 h-index	377865 34 g-index
34 all docs	34 docs citations	34 times ranked	945 citing authors

#	Article	IF	Citations
1	Titanite in situ SIMS Uâ€“Pb geochronology, elemental and Nd isotopic signatures record mineralization and fluid characteristics at the Pusangguo skarn deposit, Tibet. Mineralium Deposita, 2021, 56, 907-916.	4.1	20
2	Biotite 40Ar/39Ar dating and chemical composition inform metallogenesis of Xiaoxi'nancha porphyry Au-Cu deposit, NE China. Ore Geology Reviews, 2021, 134, 104140.	2.7	16
3	Thermal history of an Early Paleozoic epithermal deposit: Constraints from 40Ar/39Ar and (Uâ€“Th)/He thermochronology at Zhengguang, eastern Central Asian Orogenic Belt. Ore Geology Reviews, 2020, 126, 103791.	2.7	3
4	In Situ Elemental and Sr Isotope Characteristics of Magmatic to Hydrothermal Minerals from the Black Mountain Porphyry Deposit, Baguio District, Philippines. Economic Geology, 2020, 115, 927-944.	3.8	18
5	Open Apatite Sr Isotopic System in Lowâ€Temperature Hydrous Regimes. Journal of Geophysical Research: Solid Earth, 2019, 124, 11192-11203.	3.4	25
6	Micro- and nano-scale textural and compositional zonation in plagioclase at the Black Mountain porphyry Cu deposit: Implications for magmatic processes. American Mineralogist, 2019, 104, 391-402.	1.9	20
7	Oxidation state inherited from the magma source and implications for mineralization: Late Jurassic to Early Cretaceous granitoids, Central Lhasa subterrane, Tibet. Mineralium Deposita, 2018, 53, 299-309.	4.1	18
8	Physicochemical Processes in the Magma Chamber under the Black Mountain Porphyry Cu-Au Deposit, Philippines: Insights from Mineral Chemistry and Implications for Mineralization. Economic Geology, 2018, 113, 63-82.	3.8	52
9	Phenocryst Zonation in Porphyry-Related Rocks of the Baguio District, Philippines: Evidence for Magmatic and Metallogenic Processes. Journal of Petrology, 2018, 59, 825-848.	2.8	29
10	Mineralogical evidence for crystallization conditions and petrogenesis of ilmenite-series I-type granitoids at the Baogutu reduced porphyry Cu deposit (Western Junggar, NW China): MÃ¶ssbauer spectroscopy, EPM and LA-(MC)-ICPMS analyses. Ore Geology Reviews, 2017, 86, 382-403.	2.7	26
11	Petrogenesis of the Baishan granite stock, Eastern Tianshan, NW China: Geodynamic setting and implications for potential mineralization. Lithos, 2017, 292-293, 278-293.	1.4	9
12	The Nadun Cuâ€“Au mineralization, central Tibet: Root of a high sulfidation epithermal deposit. Ore Geology Reviews, 2016, 78, 371-387.	2.7	34
13	Tectono-magmatic evolution of Late Jurassic to Early Cretaceous granitoids in the west central Lhasa subterrane, Tibet. Gondwana Research, 2016, 39, 386-400.	6.0	63
14	Geochronology, petrogenesis and tectonic settings of pre- and syn-ore granites from the W-Mo deposits (East Kounrad, Zhanet and Akshatau), Central Kazakhstan. Lithos, 2016, 252-253, 16-31.	1.4	12
15	Genesis of ilmenite-series I-type granitoids at the Baogutu reduced porphyry Cu deposit, western Junggar, NW-China. Lithos, 2016, 246-247, 13-30.	1.4	45
16	Petrogenesis of ore-forming and pre/post-ore granitoids from the Kounrad, Borly and Sayak porphyry/skarn Cu deposits, Central Kazakhstan. Gondwana Research, 2016, 37, 408-425.	6.0	25
17	Geochronology and geochemistry of the high Mg dioritic dikes in Eastern Tianshan, NW China: Geochemical features, petrogenesis and tectonic implications. Journal of Asian Earth Sciences, 2016, 115, 442-454.	2.3	27
18	Thermal history of the giant Qulong Cuâ€“Mo deposit, Gangdese metallogenic belt, Tibet: Constraints on magmaticâ€“hydrothermal evolution and exhumation. Gondwana Research, 2016, 36, 390-409.	6.0	52

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19	Petrogenesis of diabase from accretionary prism in the southern <scp>Q</scp>iangtang terrane, central <scp>T</scp>ibet: Evidence from <scp>U</scp>â€“<scp>P</scp>b geochronology, petrochemistry and <scp>Sr</scp>â€“<scp>Nd</scp>â€“<scp>Hf</scp>â€“<scp>O</scp> isotope characteristics. Island Arc, 2015, 24, 232-244.	1.1	7
20	Formation Age and Evolution Time Span of the <scp>K</scp>oktokay No. 3 Pegmatite, <scp>A</scp>ltai, <scp>NW C</scp>hina: Evidence from <scp><scp>U</scp></scp>â€“<scp><scp>Pb</scp></scp> Zircon and <scp><scp>⁴⁰Ar</scp></scp>â€“<scp><scp>³⁹Ar</scp></scp> Muscovite Ages. Resource Geology, 2015, 65, 210-231.	0.8	21
21	Petrogenesis and tectonic setting of Triassic granitoids in the Qiangtang terrane, central Tibet: Evidence from Uâ€“Pb ages, petrochemistry and Srâ€“Ndâ€“Hf isotopes. Journal of Asian Earth Sciences, 2015, 105, 443-455.	2.3	49
22	The exhumation history of collision-related mineralizing systems in Tibet: Insights from thermal studies of the Sharang and Yaguila deposits, central Lhasa. Ore Geology Reviews, 2015, 65, 1043-1061.	2.7	36
23	In situ LA-(MC)-ICP-MS trace element and Nd isotopic compositions and genesis of polygenetic titanite from the Baogutu reduced porphyry Cu deposit, Western Junggar, NW China. Ore Geology Reviews, 2015, 65, 940-954.	2.7	71
24	A mixture of mantle and crustal derived Heâ€“Arâ€“Câ€“S ore-forming fluids at the Baogutu reduced porphyry Cu deposit, western Junggar. Journal of Asian Earth Sciences, 2015, 98, 188-197.	2.3	14
25	Baogutu: An example of reduced porphyry Cu deposit in western Junggar. Ore Geology Reviews, 2014, 56, 159-180.	2.7	85
26	Geochronology, geochemistry, and zircon Hf isotopic compositions of Mesozoic intermediateâ€“felsic intrusions in central Tibet: Petrogenetic and tectonic implications. Lithos, 2014, 198-199, 77-91.	1.4	200
27	Magmatic process recorded in plagioclase at the Baogutu reduced porphyry Cu deposit, western Junggar, NW-China. Journal of Asian Earth Sciences, 2014, 82, 136-150.	2.3	50
28	Thermal-tectonic history of the Baogutu porphyry Cu deposit, West Junggar as constrained from zircon Uâ€“Pb, biotite Ar/Ar and zircon/apatite (Uâ€“Th)/He dating. Journal of Asian Earth Sciences, 2014, 79, 741-758.	2.3	50
29	Improved precision and spatial resolution of sulfur isotope analysis using NanoSIMS. Journal of Analytical Atomic Spectrometry, 2014, 29, 1934-1943.	3.0	64
30	Abiogenic Fischerâ€“Tropsch synthesis of methane at the Baogutu reduced porphyry copper deposit, western Junggar, NW-China. Geochimica Et Cosmochimica Acta, 2014, 141, 179-198.	3.9	51
31	The tetrad effect and geochemistry of apatite from the Altay Koktokay No. 3 pegmatite, Xinjiang, China: implications for pegmatite petrogenesis. Mineralogy and Petrology, 2013, 107, 985-1005.	1.1	44
32	Petrogenesis of ore-bearing porphyries from the Duolong porphyry Cuâ€“Au deposit, central Tibet: Evidence from Uâ€“Pb geochronology, petrochemistry and Srâ€“Ndâ€“Hfâ€“O isotope characteristics. Lithos, 2013, 160-161, 216-227.	1.4	122
33	Petrogenesis and thermal history of the Yulong porphyry copper deposit, Eastern Tibet: insights from U-Pb and U-Th/He dating, and zircon Hf isotope and trace element analysis. Mineralogy and Petrology, 2012, 105, 201-221.	1.1	57
34	Major and Trace Element Characteristics of Apatites in Granitoids from Central Kazakhstan: Implications for Petrogenesis and Mineralization. Resource Geology, 2012, 62, 63-83.	0.8	155