

Xiao-Bo Zhao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Copper isotope fractionation during sulfide-magma differentiation in the Tulaergen magmatic Ni-Cu deposit, NW China. <i>Lithos</i> , 2017, 286-287, 206-215.	1.4	53
2	Redox reactions control Cu and Fe isotope fractionation in a magmatic Ni-Cu mineralization system. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 249, 42-58.	3.9	43
3	Microgranular enclaves in island-arc andesites: A possible link between known epithermal Au and potential porphyry Cu-Au deposits in the Tulasu ore cluster, western Tianshan, Xinjiang, China. <i>Journal of Asian Earth Sciences</i> , 2014, 85, 210-223.	2.3	42
4	Epithermal Au and polymetallic mineralization in the Tulasu Basin, western Tianshan, NW China: Potential for the discovery of porphyry Cu-Au deposits. <i>Ore Geology Reviews</i> , 2014, 60, 76-96.	2.7	38
5	Magmatic Cu-Ni sulfide mineralization of the Huangshannan mafic-untramafic intrusion, Eastern Tianshan, China. <i>Journal of Asian Earth Sciences</i> , 2015, 105, 155-172.	2.3	38
6	Genesis of the Zhengguang gold deposit in the Duobaoshan ore field, Heilongjiang Province, NE China: Constraints from geology, geochronology and S-Pb isotopic compositions. <i>Ore Geology Reviews</i> , 2017, 84, 202-217.	2.7	36
7	Geology, geochronology and geochemistry of granitic intrusions and the related ores at the Hongshan Cu-polymetallic deposit: Insights into the Late Cretaceous post-collisional porphyry-related mineralization systems in the southern Yidun arc, SW China. <i>Ore Geology Reviews</i> , 2016, 77, 25-42.	2.7	26
8	Multiple and prolonged porphyry Cu-Au mineralization and alteration events in the Halasu deposit, Chinese Altai, Xinjiang, northwestern China. <i>Geoscience Frontiers</i> , 2016, 7, 799-809.	8.4	23
9	Origin of anomalously Ni-rich parental magmas and genesis of the Huangshannan Ni-Cu sulfide deposit, Central Asian Orogenic Belt, Northwestern China. <i>Ore Geology Reviews</i> , 2016, 77, 57-71.	2.7	20
10	Zircon and molybdenite geochronology and geochemistry of the Kalmakyr porphyry Cu-Au deposit, Almalyk district, Uzbekistan: Implications for mineralization processes. <i>Ore Geology Reviews</i> , 2017, 86, 807-824.	2.7	20
11	Multiple-stage mineralization in the Sawayaerdun orogenic gold deposit, western Tianshan, Xinjiang: Constraints from paragenesis, EMPA analyses, Re-Os dating of pyrite (arsenopyrite) and U-Pb dating of zircon from the host rocks. <i>Ore Geology Reviews</i> , 2017, 81, 326-341.	2.7	20
12	Re-Os pyrite and U-Pb zircon geochronology from the Taldybulak Levoberezhny gold deposit: Insight for Cambrian metallogeny of the Kyrgyz northern Tien Shan. <i>Ore Geology Reviews</i> , 2015, 67, 78-89.	2.7	16
13	Geology, geochronology and geochemistry of the Dabate Cu-Mo deposit, northern Chinese Tien Shan: Implications for spatial separation of copper and molybdenum mineralization. <i>Ore Geology Reviews</i> , 2018, 92, 542-557.	2.7	16
14	Temporal variations in the mantle source beneath the Eastern Tianshan nickel belt and implications for Ni-Cu mineralization potential. <i>Lithos</i> , 2018, 314-315, 597-616.	1.4	15
15	Multiple episodes of Late Paleozoic Cu-Au mineralization in the Chatkal-Kurama terrane: New constraints from the Kuru-Tegerek and Bozymchak skarn deposits, Kyrgyzstan. <i>Ore Geology Reviews</i> , 2019, 113, 103077.	2.7	15
16	Variable mineralization processes during the formation of the Permian Hulu Ni-Cu sulfide deposit, Xinjiang, Northwestern China. <i>Journal of Asian Earth Sciences</i> , 2016, 126, 1-13.	2.3	14
17	Volcanic-plutonic connection and associated Au-Cu mineralization of the Tulasu ore district, Western Tianshan, NW China: Implications for mineralization potential in Palaeozoic arc terranes. <i>Geological Journal</i> , 2020, 55, 2318-2341.	1.3	13
18	Metallogeneses of the Late Palaeozoic Axi-Tawuerbieke Au-Pb-Zn district in the Tulasu Basin, Western Tianshan, China: Constraints from geological characteristics and isotope geochemistry. <i>Geological Journal</i> , 2018, 53, 3030-3050.	1.3	12

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19	Genesis of the giant Caixiashan Zn-Pb deposit in Eastern Tianshan, NW China: Constraints from geology, geochronology and S-Pb isotopic geochemistry. <i>Ore Geology Reviews</i> , 2020, 119, 103366.	2.7	12
20	Structural characterization of the Katebasu gold deposit, Xinjiang, China: Tectonic correlation with the amalgamation of the western Tianshan. <i>Ore Geology Reviews</i> , 2019, 107, 888-902.	2.7	11
21	Source and possible leaching process of ore metals in the Uragen sandstone-hosted Zn-Pb deposit, Xinjiang, China: Constraints from lead isotopes and rare earth elements geochemistry. <i>Ore Geology Reviews</i> , 2019, 106, 56-78.	2.7	11
22	Geological, geochronological and geochemical characteristics and genesis of the Arqiale skarn Zn-Pb deposit, Western Tianshan, Northwest China. <i>Ore Geology Reviews</i> , 2019, 106, 79-96.	2.7	10
23	Genesis of the Aqishan skarn Zn-Pb deposit in the Eastern Tianshan, NW China: Constraints from geology, geochronology and Hf-S-Pb isotopic geochemistry. <i>Ore Geology Reviews</i> , 2020, 123, 103608.	2.7	10
24	Cooling and exhumation of the Late Paleozoic Tulasu epithermal gold system, Western Tianshan, NW China: implications for preservation of Pre-Mesozoic epithermal deposits. <i>Journal of the Geological Society</i> , 2021, 178, .	2.1	8
25	Multi-stage gold mineralization in the Taldybulak Levoberezhny deposit, Tien Shan, Kyrgyzstan: Reply to comment by Boris Trifonov on “Os pyrite and U-Pb zircon geochronology from the Taldybulak Levoberezhny gold deposit: Insight for Cambrian metallogeny of the Kyrgyz northern Tien Shan”. <i>Ore Geology Reviews</i> , 2017, 82, 217-231.	2.7	7
26	Petrogenesis of volcanic rocks of the Devonian “ Carboniferous Dahalajunshan Formation, Western Tianshan: Implications for crustal growth in an accretionary orogen. <i>Lithos</i> , 2021, 386-387, 106003.	1.4	7
27	Diabase-hosted copper mineralization in the Qunjsai deposit, West Tianshan, NW China: Geological, geochemical and geochronological characteristics and mineralization mechanism. <i>Ore Geology Reviews</i> , 2018, 92, 430-448.	2.7	7
28	Geology and Genesis of the Unkurtash Intrusion-Related Gold Deposit, Tien Shan, Kyrgyzstan. <i>Economic Geology</i> , 2022, 117, 1073-1103.	3.8	6
29	Genesis of the Tuokesai Zn-Pb deposit in the Sayram Massif, Xinjiang, NW China: Constraints from geology, jasperite geochemistry and Si-S-Pb isotopes. <i>Ore Geology Reviews</i> , 2020, 121, 103479.	2.7	5
30	Age and petrogenesis of the Andagul granodiorite and its implications on gold mineralization of the Kassar region, western Kyrgyzstan Tian Shan. <i>Ore Geology Reviews</i> , 2018, 101, 54-73.	2.7	4
31	The Changshagou gold deposit, Eastern Tianshan, NW China: Orogenic gold mineralization overprinting a Porphyry gold occurrence. <i>Geological Society Special Publication</i> , 0, , SP516-2020-248.	1.3	4
32	Neoproterozoic tectonic shift from collisional orogenesis to intraplate extension in the Yili Block, southern Central Asian Orogenic Belt. <i>Precambrian Research</i> , 2022, 374, 106626.	2.7	4
33	Provenance of the uppermost clastic rocks of the Lower Cretaceous Kezilesu Group from the Ulugqat Basin, Xinjiang, NW China and its tectonic implications: Insights from sedimentary records and detrital zircon U-Pb geochronology. <i>Geological Journal</i> , 2020, 55, 2080-2109.	1.3	3
34	Late Carboniferous “ Early Permian mafic dikes and granitoids in the heart of the Western Tianshan Orogen, NW China: Implications for a tectonic transition from a syn- to post-collisional setting. <i>Lithos</i> , 2021, 400-401, 106417.	1.4	3
35	A ductile to brittle shear zone-hosted Cu mineralization: Geological, geochronological, geochemical and fluid inclusion studies of the Lingyun Cu deposit, southern Tianshan, NW China. <i>Ore Geology Reviews</i> , 2018, 94, 155-171.	2.7	2
36	Two episodes of Late Paleozoic mafic magmatism in the western Tianshan Orogen: From Carboniferous subduction to Permian post-collisional extension. <i>Gondwana Research</i> , 2022, 109, 518-535.	6.0	2

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37	Continental growth during Devono-Carboniferous switching accretionary tectonics: the Katebasu granitoid stock, Central Tianshan, NW China. International Journal of Earth Sciences, 0, , 1.	1.8	1
38	Thermochronological constraints on the exhumation history of the Carboniferous Katebasu gold deposit, western Tianshan gold belt, NW China. Geological Society Special Publication, 0, , SP516-2020-201.	1.3	0