

# Hua-Wen Cao

## List of Publications by Year in descending order

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58  
papers

1,495  
citations

293460

24  
h-index

388640

36  
g-index

58  
all docs

58  
docs citations

58  
times ranked

677  
citing authors

#	ARTICLE	IF	CITATIONS
1	Geochronology and Geochemistry of the Mamupu Cu–Au Polymetallic Deposit, Eastern Tibet: Implications for Eocene Cu Metallogenesis in the Yulong Porphyry Copper Belt. <i>Acta Geologica Sinica</i> , 2022, 96, 1221-1236.	0.8	8
2	Fault-controlled carbonate-hosted barite-fluorite mineral systems: The Shuanghe deposit, Yangtze Block, South China. <i>Gondwana Research</i> , 2022, 101, 26-43.	3.0	22
3	Source and evolution of the ore-forming fluid of the Cuonadong Sn-W-Be polymetallic deposit (southern Tibet, China): Constraints from scheelite trace element and Sr isotope geochemistry. <i>Ore Geology Reviews</i> , 2022, 142, 104570.	1.1	11
4	Vein-type fluorite mineralization of the Linxi district in the Great Xing'an Range, Northeast China: Insights from geochronology, mineral geochemistry, fluid inclusion and stable isotope systematics. <i>Ore Geology Reviews</i> , 2022, 142, 104708.	1.1	8
5	Multiple isotopic dating constrains the time framework (Age) of a porphyry system: A case study from the Sangri Cu-Mo deposit, Bangongco-Nujiang metallogenic belt, Tibet, China. <i>Ore Geology Reviews</i> , 2022, 144, 104870.	1.1	9
6	Thermal History of the Naruo Porphyry Deposit in the Duolong Ore District, Western Tibet: Evidence from $^{206}\text{Pb}/^{238}\text{U}$ , $^{40}\text{Ar}/^{39}\text{Ar}$ and $(^{207}\text{Th})/\text{He}$ Thermochronology. <i>Acta Geologica Sinica</i> , 2022, 96, 2015-2027.	0.8	5
7	Zircon $^{206}\text{Pb}$ and sericite $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology, geochemistry and $^{206}\text{Pb}/^{238}\text{U}$ - $^{207}\text{Pb}/^{235}\text{U}$ - $^{208}\text{Pb}/^{232}\text{Th}$ isotopes of the Zebuxia $^{206}\text{Pb}$ - $^{207}\text{Pb}$ deposit, Tibet, southwestern China. <i>Ore Geology Reviews</i> , 2022, 148, 104999.	1.1	13
8	Genesis of the Lakang'e porphyry Mo (Cu) deposit, Tibet: Constraints from geochemistry, geochronology, Sr-Nd-Pb-Hf isotopes, zircon and apatite. <i>Lithos</i> , 2021, 380-381, 105834.	0.6	6
9	Zircon $^{206}\text{Pb}$ ages, geochemistry, and $^{87}\text{Sr}/^{86}\text{Sr}$ - $^{206}\text{Pb}/^{238}\text{U}$ - $^{207}\text{Pb}/^{235}\text{U}$ isotopes of the Mugangri monzogranite in the southern Qiangtang of Tibet, western China: Implications for the evolution of the Bangong $^{206}\text{Pb}$ - $^{207}\text{Pb}$ Meso-Tethyan Ocean. <i>Geological Journal</i> , 2021, 56, 3170-3186.	0.6	5
10	Genesis of the Cuonadong tin polymetallic deposit in the Tethyan Himalaya: Evidence from geology, geochronology, fluid inclusions and multiple isotopes. <i>Gondwana Research</i> , 2021, 92, 72-101.	3.0	68
11	Sulphide geochemistry of the superlarge Tiegelongnan Cu (Au) deposit in Tibet, China: Implication for the mineralization process. <i>Geological Journal</i> , 2021, 56, 4349-4365.	0.6	0
12	Neoproterozoic bimodal magmatism in the eastern Himalayan orogen: Tectonic implications for the Rodinia supercontinent evolution. <i>Gondwana Research</i> , 2021, 94, 87-105.	3.0	6
13	Geology and geochronology of the Jinmuguo Mo polymetallic deposit: Implications for the metallogeny of the Bangongco-Nujiang belt of Tibet. <i>Ore Geology Reviews</i> , 2021, 139, 104460.	1.1	10
14	Crustal thickening prior to 43 Ma in the Himalaya: Evidence from lower crust-derived adakitic magmatism in Dala, eastern Tethyan Himalaya, Tibet. <i>Geological Journal</i> , 2020, 55, 4021-4046.	0.6	14
15	Miocene potassic and adakitic intrusions in eastern central Lhasa terrane, Tibet: Implications for origin and tectonic of postcollisional magmatism. <i>Geological Journal</i> , 2020, 55, 3036-3053.	0.6	6
16	Genesis of the Mingsai Au deposit, southern Tibet: Constraints from geology, fluid inclusions, $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology, $^{18}\text{O}$ isotopes, and in situ sulfur isotope compositions of pyrite. <i>Ore Geology Reviews</i> , 2020, 122, 103488.	1.1	16
17	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
18	Miocene Sn polymetallic mineralization in the Tethyan Himalaya, southeastern Tibet: A case study of the Cuonadong deposit. <i>Ore Geology Reviews</i> , 2020, 119, 103403.	1.1	31

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19	Activity of the south Tibetan detachment system: Constraints from leucogranite ages in the eastern Himalayas. <i>Geological Journal</i> , 2020, 55, 5540-5573.	0.6	18
20	Formation of Late Cretaceous high-Mg granitoid porphyry in central Lhasa, Tibet: Implications for crustal thickening prior to India-Asia collision. <i>Geological Journal</i> , 2020, 55, 6696-6717.	0.6	9
21	Genesis of the Yujadian F-Pb-Zn-Ag deposit, Inner Mongolia, NE China: Constraints from geochemistry, fluid inclusion, zircon geochronology and stable isotopes. <i>Ore Geology Reviews</i> , 2020, 122, 103528.	1.1	6
22	Geochronology, geochemistry and Sr-Nd-Pb-Hf isotopes of the Early Paleogene gabbro and granite from Central Lhasa, southern Tibet: petrogenesis and tectonic implications. <i>International Geology Review</i> , 2019, 61, 868-894.	1.1	21
23	Zircon U-Pb dating, geochemistry, and Sr-Nd-Pb-Hf isotopes of the subvolcanic intrusion from Beina Pb-Zn (Ag) deposit in the southern Lhasa terrane, Tibet: Implications for petrogenesis and mineralization. <i>Geological Journal</i> , 2019, 54, 2064-2083.	0.6	4
24	Cambrian magmatism in the Tethys Himalaya and implications for the evolution of the Proto-Tethys along the northern Gondwana margin: A case study and overview. <i>Geological Journal</i> , 2019, 54, 2545-2565.	0.6	25
25	Petrogenesis and metallogenic implications of Cretaceous magmatism in Central Lhasa, Tibetan Plateau: A case study from the Lunggar Fe skarn deposit and perspective review. <i>Geological Journal</i> , 2019, 54, 2323-2346.	0.6	22
26	Multistage processes linked to tectonic transition in the genesis of orogenic gold deposit: A case study from the Shanggong lode deposit, East Qinling, China. <i>Ore Geology Reviews</i> , 2019, 111, 102998.	1.1	33
27	Zircon U-Pb, Molybdenite Re-Os and Quartz Vein Rb-Sr Geochronology of the Luobuzhen Au-Ag and Hongshan Cu Deposits, Tibet, China: Implications for the Oligocene-Miocene Porphyry Epithermal Metallogenic System. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 476.	0.8	7
28	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
29	Geology and geochronology of Naruo large porphyry-breccia Cu deposit in the Duolong district, Tibet. <i>Gondwana Research</i> , 2019, 66, 168-182.	3.0	53
30	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
31	In situ trace element and sulfur isotope of pyrite constrain ore genesis in the Shapoling molybdenum deposit, East Qinling Orogen, China. <i>Ore Geology Reviews</i> , 2019, 105, 123-136.	1.1	42
32	Nature and Genesis of the Xiaobeigou Fluorite Deposit, Inner Mongolia, Northeast China: Evidence from Fluid Inclusions and Stable Isotopes. <i>Resource Geology</i> , 2019, 69, 148-166.	0.3	9
33	Geochemistry, zircon U-Pb geochronology and Hf isotopes of Jurassic-Cretaceous granites in the Tengchong terrane, SW China: implications for the Mesozoic tectono-magmatic evolution of the Eastern Tethyan Tectonic Domain. <i>International Geology Review</i> , 2019, 61, 257-279.	1.1	25
34	Triassic alkaline magmatism and mineralization in the Xiong'ershan area, East Qinling, China. <i>Geological Journal</i> , 2019, 54, 143-156.	0.6	29
35	Late Triassic sedimentary records in the northern Tethyan Himalaya: Tectonic link with Greater India. <i>Geoscience Frontiers</i> , 2018, 9, 273-291.	4.3	62
36	Early Cretaceous I-type granites in the Tengchong terrane: New constraints on the late Mesozoic tectonic evolution of southwestern China. <i>Geoscience Frontiers</i> , 2018, 9, 459-470.	4.3	25

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37	Mineralogy, zircon U-Pb, Rb-Sr, Hf isotopes, and whole-rock geochemistry of Late Cretaceous Eocene granites from the Tengchong terrane, western Yunnan, China: Record of the closure of the Neotethyan Ocean. Geological Journal, 2018, 53, 1422-1441.	0.6	18
38	Permo-Triassic granitoids of the Xing'an-Mongolia segment of the Central Asian Orogenic Belt, Northeast China: age, composition, and tectonic implications. International Geology Review, 2018, 60, 1172-1194.	1.1	20
39	Petrogenesis of the late Mesozoic highly fractionated I-type granites in the Luanchuan district: implications for the tectono-magmatic evolution of eastern Qinling. Geosciences Journal, 2018, 22, 253-272.	0.6	24
40	Geology, geochronology, geochemical characteristics and origin of Baomai porphyry Cu (Mo) deposit, Yulong Belt, Tibet. Ore Geology Reviews, 2018, 92, 186-204.	1.1	30
41	Petrogenesis of Late Cretaceous Jiangla'angzong I-type Granite in Central Lhasa Terrane, Tibet, China: Constraints from Whole-Rock Geochemistry, Zircon U-Pb Geochronology, and Sr-Nd-Pb-Hf Isotopes. Acta Geologica Sinica, 2018, 92, 1396-1414.	0.8	15
42	Zircon U-Pb Age of the Shangxu Gold Deposit from Bangong-Nujiang Co, Northern Tibet, and Restriction on the Early Cretaceous Orogenic Gold Mineralisation. Acta Geologica Sinica, 2018, 92, 1664-1666.	0.8	3
43	Middle-Late Triassic bimodal intrusive rocks from the Tethyan Himalaya in South Tibet: Geochronology, petrogenesis and tectonic implications. Lithos, 2018, 318-319, 78-90.	0.6	31
44	Geology, geochemistry and genesis of the Eocene Lailishan Sn deposit in the Sanjiang region, SW China. Journal of Asian Earth Sciences, 2017, 137, 220-240.	1.0	36
45	Delineation of potential exploration targets based on 3D geological modeling: A case study from the Laoangou Pb-Zn-Ag polymetallic ore deposit, China. Ore Geology Reviews, 2017, 89, 228-252.	1.1	19
46	Geochronology, geochemistry, fluid inclusion and C, O and Hf isotope compositions of the Shuitou fluorite deposit, Inner Mongolia, China. Ore Geology Reviews, 2017, 83, 174-190.	1.1	40
47	Geochronology and Genesis of the Tiegelongnan Porphyry Cu(Au) Deposit in Tibet: Evidence from U-Pb, Re-Os Dating and Hf, S, and H-O Isotopes. Resource Geology, 2017, 67, 1-21.	0.3	59
48	U-Pb dating of zircon and cassiterite from the Early Cretaceous Jiaojiguan iron-tin polymetallic deposit, implications for magmatism and metallogeny of the Tengchong area, western Yunnan, China. International Geology Review, 2017, 59, 234-258.	1.1	33
49	Timing of formation of the Hongdonggou Pb-Zn polymetallic ore deposit, Henan Province, China: Evidence from Rb-Sr isotopic dating of sphalerites. Geoscience Frontiers, 2017, 8, 605-616.	4.3	34
50	Late Cretaceous magmatism and related metallogeny in the Tengchong area: Evidence from geochronological, isotopic and geochemical data from the Xiaolonghe Sn deposit, western Yunnan, China. Ore Geology Reviews, 2016, 78, 196-212.	1.1	47
51	Zinc and lead isotope signatures of the Zhaxikang PbZn deposit, South Tibet: Implications for the source of the ore-forming metals. Ore Geology Reviews, 2016, 78, 58-68.	1.1	49
52	Zircon U-Pb and Molybdenite Re-Os Ages of the Lakange Porphyry Cu-Mo Deposit, Gangdese Porphyry Copper Belt, Southern Tibet, China. Resource Geology, 2016, 66, 163-182.	0.3	12
53	Geology of the Jiama porphyry copper-polymetallic system, Lhasa Region, China. Ore Geology Reviews, 2016, 74, 151-169.	1.1	74
54	Early Paleozoic tectonic evolution of the North Qinling orogenic belt: Evidence from geochemistry, phase equilibrium modeling and geochronology of metamorphosed mafic rocks from the Songshugou ophiolite. Gondwana Research, 2016, 30, 48-64.	3.0	83

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55	Temporal evolution of granitic magmas in the Luanchuan metallogenic belt, east Qinling Orogen, central China: Implications for Mo metallogenesis. <i>Journal of Asian Earth Sciences</i> , 2015, 111, 663-680.	1.0	30
56	The Luanchuan Mo-W-Pb-Zn-Ag magmatic-hydrothermal system in the East Qinling metallogenic belt, China: Constrains on metallogenesis from Ca-Hf-O-Sr-Pb isotope compositions and Rb-Sr isochron ages. <i>Journal of Asian Earth Sciences</i> , 2015, 111, 751-780.	1.0	86
57	Geochronology, geochemistry, and Hf isotopes of the Jiudinggou molybdenum deposit, Central China, and their geological significance. <i>Geochemical Journal</i> , 2015, 49, 321-342.	0.5	16
58	Geology, geochemistry and geochronology of the Jiaojiguanliangzi Fe-polymetallic deposit, Tengchong County, Western Yunnan (China): Regional tectonic implications. <i>Journal of Asian Earth Sciences</i> , 2014, 81, 142-152.	1.0	50