He Huang

List of Publications by Year
in descending order

41 papers	977 citations	393982 19 h-index	454577 30 g-index
43 all docs	43 docs citations	43 times ranked	699 citing authors

#	Article	IF	Citations
1	Phanerozoic granitoids in the central and eastern parts of Central Asia and their tectonic significance. Journal of Asian Earth Sciences, 2017, 145, 368-392.	1.0	76
2	Geochronology, geochemistry and petrogenesis of Neoproterozoic basalts from Sugetbrak, northwest Tarim block, China: Implications for the onset of Rodinia supercontinent breakup. Precambrian Research, 2012, 220-221, 158-176.	1.2	64
3	Tracking deep crust by zircon xenocrysts within igneous rocks from the northern Alxa, China: Constraints on the southern boundary of the Central Asian Orogenic Belt. Journal of Asian Earth Sciences, 2015, 108, 150-169.	1.0	64
4	Continental vertical growth in the transitional zone between South Tianshan and Tarim, western Xinjiang, NW China: Insight from the Permian Halajun A1-type granitic magmatism. Lithos, 2012, 155, 49-66.	0.6	58
5	Rejuvenation of ancient micro-continents during accretionary orogenesis: Insights from the Yili Block and adjacent regions of the SW Central Asian Orogenic Belt. Earth-Science Reviews, 2020, 208, 103255.	4.0	55
6	Early Paleozoic Tectonic Evolution of the South Tianshan Collisional Belt: Evidence from Geochemistry and Zircon U-Pb Geochronology of the Tieâ€™reke Monzonite Pluton, Northwest China. Journal of Geology, 2013, 121, 401-424.	0.7	53
7	Geochronology, geochemistry and metallogenic implications of the Boziguo'er rare metal-bearing peralkaline granitic intrusion in South Tianshan, NW China. Ore Geology Reviews, 2014, 61, 157-174.	1.1	51
8	Early Paleozoic magmatic record from the northern margin of the Tarim Craton: Further insights on the evolution of the Central Asian Orogenic Belt. Gondwana Research, 2015, 28, 328-347.	3.0	49
9	Petrogenesis of the Early Permian volcanic rocks in the Chinese South Tianshan: Implications for crustal growth in the Central Asian Orogenic Belt. Lithos, 2015, 228-229, 23-42.	0.6	40
10	Contrasting deep crustal compositions between the Altai and East Junggar orogens, SW Central Asian Orogenic Belt: Evidence from zircon Hf isotopic mapping. Lithos, 2019, 328-329, 297-311.	0.6	39
11	Tracking deep ancient crustal components by xenocrystic/inherited zircons of Palaeozoic felsic igneous rocks from the Altaiâ€“East Junggar terrane and adjacent regions, western Central Asian Orogenic Belt and its tectonic significance. International Geology Review, 2017, 59, 2021-2040.	1.1	35
12	Geochronology and geochemistry of the Chuanwulu complex in the South Tianshan, western Xinjiang, NW China: Implications for petrogenesis and Phanerozoic continental growth. Lithos, 2012, 140-141, 66-85.	0.6	30
13	Oldest volcanic-hosted submarine iron ores in South China: Evidence from zircon Uâ€“Pb geochronology and geochemistry of the Paleoproterozoic Dahongshan iron deposit. Gondwana Research, 2017, 49, 182-204.	3.0	28
14	The Neoproterozoic arc-type and OIB-type mafic-ultramafic rocks in the western Jiangnan Orogen: Implications for tectonic settings. Lithos, 2018, 312-313, 38-56.	0.6	27
15	Zircon Uâ€“Pb ages and Hfâ€“O isotopic signatures of the Wajilitag and Puchang Feâ€“Ti oxideâ€“bearing intrusive complexes: Constraints on their source characteristics and temporalâ€“spatial evolution of the Tarim large igneous province. Gondwana Research, 2016, 37, 71-85.	3.0	26
16	Highly differentiated fluorine-rich, alkaline granitic magma linked to rare metal mineralization: A case study from the Boziguoâ€™er rare metal granitic pluton in South Tianshan Terrane, Xinjiang, NW China. Ore Geology Reviews, 2018, 96, 146-163.	1.1	26
17	Late Triassic granites from the northwestern margin of the Tibetan Plateau, the Dahongliutan example: petrogenesis and tectonic implications for the evolution of the Kangxiwa Palaeo-Tethys. International Geology Review, 2019, 61, 175-194.	1.1	24
18	Geochronology and Geochemistry of the Radiolarian Cherts of the Mada'er Area, Southwestern Tianshan: Implications for Depositional Environment. Acta Geologica Sinica, 2011, 85, 801-813.	0.8	20

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19	Geochronology/geochemistry of the Washan dioritic porphyry associated with Kiruna-type iron ores, Middle-Lower Yangtze River Valley, eastern China: implications for petrogenesis/mineralization. International Geology Review, 2012, 54, 1332-1352.	1.1	20
20	Petrogenesis and metallogenesis of the Wajilitag and Puchang Fe-Ti oxide-rich intrusive complexes, northwestern Tarim Large Igneous Province. Lithos, 2018, 304-307, 412-435.	0.6	20
21	Picritic porphyrites generated in a slab-window setting: Implications for the transition from Paleo-Tethyan to Neo-Tethyan tectonics. Lithos, 2012, 155, 375-391.	0.6	17
22	Imprints of Archean to Neoproterozoic crustal processes in the Madurai Block, Southern India. Journal of Asian Earth Sciences, 2014, 88, 1-10.	1.0	17
23	Petrogenesis and tectonic implications of the high-K Alamas calc-alkaline granitoids at the northwestern margin of the Tibetan Plateau: Geochemical and Srâ€“Ndâ€“Hfâ€“O isotope constraints. Journal of Asian Earth Sciences, 2016, 127, 137-151.	1.0	17
24	Relationship of the Tarim Craton to the Central Asian Orogenic Belt: insights from Devonian intrusions in the northern margin of Tarim Craton, China. International Geology Review, 2016, 58, 2007-2028.	1.1	16
25	Platinum-group elemental and Reâ€“Os isotopic geochemistry of the Wajilitag and Puchang Feâ€“Tiâ€“V oxide deposits, northwestern Tarim Large Igneous Province. Ore Geology Reviews, 2014, 57, 589-601.	1.1	15
26	Highly differentiated juvenile crust-derived magmas linked with the Xilekuduke porphyry Mo (Cu) deposit in East Junggar, NW China. Ore Geology Reviews, 2019, 115, 103103.	1.1	13
27	Petrogenesis of the Bashisuogong bimodal igneous complex in southwest Tianshan Mountains, China: Implications for the Tarim Large Igneous Province. Lithos, 2016, 264, 509-523.	0.6	12
28	Crustal evolution in the South Tianshan Terrane: Constraints from detrital zircon geochronology and implications for continental growth in the Central Asian Orogenic Belt. Geological Journal, 2019, 54, 1379-1400.	0.6	12
29	Geochemistry and zircon Uâ€“Pb geochronology of the oxidaban intrusive complex: Implication for Paleozoic tectonic evolution of the South Tianshan Orogenic Belt, China. Lithos, 2019, 324-325, 265-279.	0.6	10
30	Petrology and geochemistry of Permian maficâ€“ultramafic intrusions in the Emeishan large igneous province, SW China: Insight into the ore potential. Ore Geology Reviews, 2014, 56, 258-275.	1.1	8
31	Geochronology and geochemistry of the Airikenqiken granite, Central Tianshan Terrane, Xinjiang, China: implications for petrogenesis and continental growth. International Geology Review, 2014, 56, 801-822.	1.1	7
32	Late Carboniferous and Early Permian garnet-bearing granites in the South Tianshan Belt, NW China: Two Late Paleozoic magmatic events and implications for crustal reworking. Journal of Asian Earth Sciences, 2021, 220, 104923.	1.0	7
33	Late Carboniferous intrusions along the Kalamaili suture zone, southwestern Central Asian Orogenic Belt (CAOB): implications for a tectonic switch from subduction to collision. International Geology Review, 2023, 65, 1601-1621.	1.1	6
34	Spatial and temporal variations of geochemical and isotopic compositions of Paleozoic magmatic rocks in the Western Tianshan, NW China: A magmatic response of the Advancing and Retreating Subduction. Journal of Asian Earth Sciences, 2022, 232, 105112.	1.0	4
35	Palaeogene Sediment-hosted Pbâ€“Zn deposits in SE Asia: the Uragen example. International Geology Review, 2017, 59, 2065-2077.	1.1	3
36	Carboniferous Highly Fractionated Iâ€type Granites from the Kalamaili Fault Zone, Eastern Xinjiang, NW China: Petrogenesis and Tectonic Implications. Acta Geologica Sinica, 2019, 93, 1169-1187.	0.8	3

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37	TRACKING DEEP ANCIENT CRUSTAL COMPONENTS BY XENOCRYSTIC ZIRCONS OF PALEOZOIC FELSIC IGNEOUS ROCKS FROM THE ALTAI-EAST JUNGGAR TERRANE AND ADJACENT REGIONS AND ITS TECTONIC SIGNIFICANCE. Geodinamika I Tektonofizika, 2017, 8, 605-607.	0.3	2
38	Deepâ€crustal compositions and architecture from accretion to collision: examples from the Central Asian Orogenic Belt and Qinlingâ€Dabie orogen. Acta Geologica Sinica, 2019, 93, 59-60.	0.8	1
39	A Comparison of Nd Isotopes of Granitoids from the Central Asian Orogenic Belt and Qinlingâ€Dabie Orogen, and Implications for Understanding of Crustal Growth from Accretion to Collision. Acta Geologica Sinica, 2019, 93, 150-151.	0.8	1
40	PETROGENESIS AND RARE METAL MINERALIZATION OF THE ALKALINE GRANITIC MAGMA: A CASE STUDY FROM THE BOZIGUOâ€™ER RARE METAL GRANITIC INTRUSION. Geodinamika I Tektonofizika, 2017, 8, 475-476.	0.3	1
41	AN EARLY PERMIAN GARNET-BEATING PERALUMINOUS GRANITIC PLUTON IN THE SOUTH TIANSHAN OROGENIC BELT, NW CHINA: PETROLOGICAL, MINERALOGICAL AND GEOCHEMICAL CONSTRAINTS. Geodinamika I Tektonofizika, 2017, 8, 537-538.	0.3	0