Xiao-Chi Liu

List of Publications by Year
in descending order

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22	1,206	516710 16	677142 22
papers	citations	h-index	g-index

22	22	22	734
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	U(â€Th)â€“Pb age and petrogenesis of Shigar leucogranites, Karakoram Metamorphic Complex, North Pakistan. Geological Journal, 2022, 57, 4052-4073.	1.3	2
2	Middle Miocene ultrapotassic magmatism in the Himalaya: A response to mantle unrooting process beneath the orogen. Terra Nova, 2021, 33, 240-251.	2.1	15
3	Multistage magmatism recorded in a single gneiss dome: Insights from the Lhagoi Kangri leucogranites, Himalayan orogen. Lithos, 2021, 398-399, 106222.	1.4	4
4	Barium isotope evidence for the role of magmatic fluids in the origin of Himalayan leucogranites. Science Bulletin, 2021, 66, 2329-2336.	9.0	20
5	Pervasive Miocene melting of thickened crust from the Lhasa terrane to Himalaya, southern Tibet and its constraint on generation of Himalayan leucogranite. Geochimica Et Cosmochimica Acta, 2020, 278, 137-156.	3.9	52
6	Refining the timing and mechanism of the Triassic partial melting in the Sulu UHP orogen, China: Zircon and garnet evidence from a felsic vein and its host granitic gneiss. Lithos, 2020, 352-353, 105264.	1.4	4
7	Highly fractionated leucogranites in the eastern Himalayan Cuonadong dome and related magmatic Beâ€“Nbâ€“Ta and hydrothermal Beâ€“Wâ€“Sn mineralization. Lithos, 2020, 354-355, 105286.	1.4	37
8	Spodumene pegmatites from the Pusila pluton in the higher Himalaya, South Tibet: Lithium mineralization in a highly fractionated leucogranite batholith. Lithos, 2020, 358-359, 105421.	1.4	41
9	Ultra-high precision silicon isotope micro-analysis using a Cameca IMS-1280 SIMS instrument by eliminating the topography effect. Journal of Analytical Atomic Spectrometry, 2019, 34, 906-914.	3.0	17
10	Is Himalayan leucogranite a product by in situ partial melting of the Greater Himalayan Crystalline? A comparative study of leucosome and leucogranite from Nyalam, southern Tibet. Lithos, 2019, 342-343, 542-556.	1.4	39
11	Mineralogical evidence for fractionation processes in the Himalayan leucogranites of the Ramba Dome, southern Tibet. Lithos, 2019, 340-341, 71-86.	1.4	64
12	Early Miocene rapid exhumation in southern Tibet: Insights from Pâ€“Tâ€“tâ€“Dâ€“magmatism path of Yardoi dome. Lithos, 2018, 304-307, 38-56.	1.4	20
13	Tracking partial melting and protolith nature by zircon U-Pb and Hf-O isotope compositions of migmatites in the North Dabie terrane with emphasis on Paleozoic low-Î´18O magmatism. Bulletin of the Geological Society of America, 2018, 130, 139-153.	3.3	11
14	Insights into the origin of purely sediment-derived Himalayan leucogranites: Siâ€“O isotopic constraints. Science Bulletin, 2018, 63, 1243-1245.	9.0	31
15	Highly fractionated granites: Recognition and research. Science China Earth Sciences, 2017, 60, 1201-1219.	5.2	429
16	Leucogranite geochronological constraints on the termination of the South Tibetan Detachment in eastern Himalaya. Tectonophysics, 2017, 721, 106-122.	2.2	51
17	Monazite behaviour during isothermal decompression in pelitic granulites: a case study from Dinggye, Tibetan Himalaya. Contributions To Mineralogy and Petrology, 2017, 172, 1.	3.1	57
18	Early cretaceous topographic growth of the Lhasaplano, Tibetan plateau: Constraints from the Damxung conglomerate. Journal of Geophysical Research: Solid Earth, 2017, 122, 5748-5765.	3.4	27

#	Article	IF	Citations
19	A preliminary study of rare-metal mineralization in the Himalayan leucogranite belts, South Tibet. Science China Earth Sciences, 2017, 60, 1655-1663.	5.2	79
20	Highly fractionated Late Eocene (~ 35 Ma) leucogranite in the Xiaru Dome, Tethyan Himalaya, South Tibet. Lithos, 2016, 240-243, 337-354.	1.4	109
21	Emplacement age of leucogranite in the Kampa Dome, southern Tibet. Tectonophysics, 2016, 667, 163-175.	2.2	46
22	Record of multiple stage channelized fluid and melt activities in deeply subducted slab from zircon Uâ€“Pb age and Hfâ€“O isotope compositions. Geochimica Et Cosmochimica Acta, 2014, 144, 1-24.	3.9	51