

# Xiao-Chi Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

1,206  
citations

516710

16  
h-index

677142

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g-index

22  
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22  
docs citations

22  
times ranked

734  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly fractionated granites: Recognition and research. <i>Science China Earth Sciences</i> , 2017, 60, 1201-1219.	5.2	429
2	Highly fractionated Late Eocene (~ 35 Ma) leucogranite in the Xiaru Dome, Tethyan Himalaya, South Tibet. <i>Lithos</i> , 2016, 240-243, 337-354.	1.4	109
3	A preliminary study of rare-metal mineralization in the Himalayan leucogranite belts, South Tibet. <i>Science China Earth Sciences</i> , 2017, 60, 1655-1663.	5.2	79
4	Mineralogical evidence for fractionation processes in the Himalayan leucogranites of the Ramba Dome, southern Tibet. <i>Lithos</i> , 2019, 340-341, 71-86.	1.4	64
5	Monazite behaviour during isothermal decompression in pelitic granulites: a case study from Dinggye, Tibetan Himalaya. <i>Contributions To Mineralogy and Petrology</i> , 2017, 172, 1.	3.1	57
6	Pervasive Miocene melting of thickened crust from the Lhasa terrane to Himalaya, southern Tibet and its constraint on generation of Himalayan leucogranite. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 278, 137-156.	3.9	52
7	Record of multiple stage channelized fluid and melt activities in deeply subducted slab from zircon U-Pb age and Hf-O isotope compositions. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 144, 1-24.	3.9	51
8	Leucogranite geochronological constraints on the termination of the South Tibetan Detachment in eastern Himalaya. <i>Tectonophysics</i> , 2017, 721, 106-122.	2.2	51
9	Emplacement age of leucogranite in the Kampa Dome, southern Tibet. <i>Tectonophysics</i> , 2016, 667, 163-175.	2.2	46
10	Spodumene pegmatites from the Pusila pluton in the higher Himalaya, South Tibet: Lithium mineralization in a highly fractionated leucogranite batholith. <i>Lithos</i> , 2020, 358-359, 105421.	1.4	41
11	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. <i>Lithos</i> , 2019, 342-343, 542-556.	1.4	39
12	Highly fractionated leucogranites in the eastern Himalayan Cuonadong dome and related magmatic Be-Nb-Ta and hydrothermal Be-W-Sn mineralization. <i>Lithos</i> , 2020, 354-355, 105286.	1.4	37
13	Insights into the origin of purely sediment-derived Himalayan leucogranites: Si-O isotopic constraints. <i>Science Bulletin</i> , 2018, 63, 1243-1245.	9.0	31
14	Early cretaceous topographic growth of the Lhasaplano, Tibetan plateau: Constraints from the Damxung conglomerate. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 5748-5765.	3.4	27
15	Early Miocene rapid exhumation in southern Tibet: Insights from the magmatism path of Yardoi dome. <i>Lithos</i> , 2018, 304-307, 38-56.	1.4	20
16	Barium isotope evidence for the role of magmatic fluids in the origin of Himalayan leucogranites. <i>Science Bulletin</i> , 2021, 66, 2329-2336.	9.0	20
17	Ultra-high precision silicon isotope micro-analysis using a Cameca IMS-1280 SIMS instrument by eliminating the topography effect. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 906-914.	3.0	17
18	Middle Miocene ultrapotassic magmatism in the Himalaya: A response to mantle unrooting process beneath the orogen. <i>Terra Nova</i> , 2021, 33, 240-251.	2.1	15

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19	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- $\delta^{18}\text{O}$ magmatism. <i>Bulletin of the Geological Society of America</i> , 2018, 130, 139-153.	3.3	11
20	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. <i>Lithos</i> , 2020, 352-353, 105264.	1.4	4
21	Multistage magmatism recorded in a single gneiss dome: Insights from the Lhagoi Kangri leucogranites, Himalayan orogen. <i>Lithos</i> , 2021, 398-399, 106222.	1.4	4
22	U-Th-Pb age and petrogenesis of Shigar leucogranites, Karakoram Metamorphic Complex, North Pakistan. <i>Geological Journal</i> , 2022, 57, 4052-4073.	1.3	2