

# Liang Guo

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

795  
citations

623734

14  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

453  
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation and composition of the Late Cretaceous Gangdese arc lower crust in southern Tibet. Contributions To Mineralogy and Petrology, 2020, 175, 1.	3.1	35
2	The magma plumbing system of Mesozoic Shanyang porphyry groups, South Qinling and implications for porphyry copper mineralization. Earth and Planetary Science Letters, 2020, 543, 116346.	4.4	12
3	Tectonic erosion and crustal relamination during the India-Asian continental collision: Insights from Eocene magmatism in the southeastern Gangdese belt. Lithos, 2019, 346-347, 105161.	1.4	12
4	Origin and early evolution of the Lhasa Terrane, South Tibet: Constraints from the Bomi Gneiss Complex. Precambrian Research, 2019, 331, 105360.	2.7	20
5	Detrital zircon U <sup>46</sup> Pb geochronology, trace-element and Hf isotope geochemistry of the metasedimentary rocks in the Eastern Himalayan syntaxis: Tectonic and paleogeographic implications. Gondwana Research, 2017, 41, 207-221.	6.0	59
6	U <sup>46</sup> Pb zircon dating, geochemical and Sr <sup>86</sup> Nd <sup>142</sup> Hf isotopic compositions of Motuo quartz <sup>26</sup> monzonite: Implication for the genesis and diversity of the high Ba <sup>86</sup> Sr granitoids in orogenic belt. Tectonophysics, 2016, 668-669, 52-64.	2.2	13
7	U <sup>46</sup> Pb zircon dating, geochemical and Sr <sup>86</sup> Nd <sup>142</sup> Hf isotopic compositions of mafic intrusive rocks in the Motuo, SE Tibet constrain on their petrogenesis and tectonic implication. Lithos, 2016, 245, 133-146.	1.4	13
8	Late Devonian-Early Carboniferous magmatism in the Lhasa terrane and its tectonic implications: Evidences from detrital zircons in the Nyingchi Complex. Lithos, 2016, 245, 47-59.	1.4	32
9	U <sup>46</sup> Pb zircon chronology, geochemical and Sr <sup>86</sup> Nd isotopic composition of Mesozoic <sup>26</sup> Cenozoic granitoids in the SE Lhasa terrane: Petrogenesis and tectonic implications. Lithos, 2014, 192-195, 142-157.	1.4	22
10	Late Cretaceous (~81Ma) high-temperature metamorphism in the southeastern Lhasa terrane: Implication for the Neo-Tethys ocean ridge subduction. Tectonophysics, 2013, 608, 112-126.	2.2	67
11	Geochronology and geochemistry of Mesoproterozoic granitoids in the Lhasa terrane, south Tibet: Implications for the early evolution of Lhasa terrane. Precambrian Research, 2013, 236, 46-58.	2.7	52
12	Rapid Eocene erosion, sedimentation and burial in the eastern Himalayan syntaxis and its geodynamic significance. Gondwana Research, 2013, 23, 715-725.	6.0	31
13	Oligocene magmatism in the eastern margin of the east Himalayan syntaxis and its implication for the India <sup>26</sup> Asia post-collisional process. Lithos, 2012, 154, 181-192.	1.4	33
14	Paleogene crustal anatexis and metamorphism in Lhasa terrane, eastern Himalayan syntaxis: Evidence from U <sup>46</sup> Pb zircon ages and Hf isotopic compositions of the Nyingchi Complex. Gondwana Research, 2012, 21, 100-111.	6.0	75
15	Origin and evolution of multi-stage felsic melts in eastern Gangdese belt: Constraints from U <sup>46</sup> Pb zircon dating and Hf isotopic composition. Lithos, 2011, 127, 54-67.	1.4	69
16	The significance of Cenozoic magmatism from the western margin of the eastern syntaxis, southeast Tibet. Contributions To Mineralogy and Petrology, 2010, 160, 83-98.	3.1	75
17	Miocene high Sr/Y magmatism, south Tibet: Product of partial melting of subducted Indian continental crust and its tectonic implication. Lithos, 2010, 114, 293-306.	1.4	121
18	Timing of granulite-facies metamorphism in the eastern Himalayan syntaxis and its tectonic implications. Tectonophysics, 2010, 485, 231-244.	2.2	54