Tong Liu

List of Publications by Year
in descending order

25 papers	512 citations	623188 14 h-index	642321 23 g-index
25 all docs	25 docs citations	25 times ranked	326 citing authors

#	Article	IF	Citations
1	An origin of ultraslow spreading ridges for the Yarlung-Tsangpo ophiolites. Fundamental Research, 2022, 2, 74-83.	1.6	20
2	Petrology and geochemistry of ultramafic rocks in the Mogok belt, Myanmar: Cumulates from highâ€pressure crystallization of hydrous arc melts. Geological Journal, 2022, 57, 886-905.	0.6	3
3	Extensive melting of ancient depleted oceanic mantle evidenced by decoupled Hf Nd isotopes in the lowermost oceanic crust. Lithos, 2022, 418-419, 106684.	0.6	2
4	Decoupled Trace Element and Isotope Compositions Recorded in Orthopyroxene and Clinopyroxene in Composite Pyroxenite Veins from the Xiugugabu Ophiolite (SW Tibet). Journal of Petrology, 2022, 63, .	1.1	7
5	The heterogeneous mantle massif in south Tibetan ophiolites and its implication for the tectonic evolution of Neo-Tethys. Lithos, 2022, 424-425, 106761.	0.6	3
6	Subduction initiation triggered by accretion of a Jurassic oceanic plateau along the Bangongâ€“Nujiang Suture in central Tibet. Terra Nova, 2021, 33, 150-158.	0.9	17
7	Tectonic Controls on Block Rotation and Sheeted Sill Emplacement in the Xigaze Ophiolite (Tibet): The Construction Mode of Slowâ€Spreading and Ultraslowâ€Spreading Oceanic Crusts. Geochemistry, Geophysics, Geosystems, 2021, 22, e2020GC009297.	1.0	15
8	Recycling of ancient sub-oceanic mantle in the Neo-Tethyan asthenosphere: Evidence from major and trace elements and Hfâ€“Os isotopes of the Kop Mountain ophiolite, NE Turkey. Geochimica Et Cosmochimica Acta, 2021, 311, 43-58.	1.6	5
9	The Xigaze ophiolite: fossil ultraslow-spreading ocean lithosphere in the Tibetan Plateau. Journal of the Geological Society, 2021, 178, .	0.9	15
10	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.	1.6	52
11	Heterogeneous sub-ridge mantle of the Neo-Tethys: Constraints from Re-Os isotope and HSE compositions of the Xigaze ophiolites. Lithos, 2020, 378-379, 105819.	0.6	4
12	Testing oceanic crustâ€“mantle decoupling by Srâ€“Ndâ€“Hfâ€“Os isotopes of Neo-Tethyan ophiolites. Lithos, 2020, 376-377, 105757.	0.6	9
13	Reconsideration of Neoâ€Tethys Evolution Constrained from the Nature of the Dazhuqu Ophiolitic Mantle, Southern Tibet. Acta Geologica Sinica, 2020, 94, 36-36.	0.8	0
14	Amagmatic Subduction Produced by Mantle Serpentinization and Oceanic Crust Delamination. Geophysical Research Letters, 2020, 47, e2019GL086257.	1.5	13
15	Evolution of mantle peridotites from the Luobusa ophiolite in the Tibetan Plateau: Sr-Nd-Hf-Os isotope constraints. Lithos, 2020, 362-363, 105477.	0.6	15
16	Subduction re-initiation at dying ridge of Neo-Tethys: Insights from mafic and metamafic rocks in Lhaze ophiolitic mÃ©lange, Yarlung-Tsangbo Suture Zone. Earth and Planetary Science Letters, 2019, 523, 115707.	1.8	52
17	Reconsideration of Neo-Tethys evolution constrained from the nature of the Dazhuqu ophiolitic mantle, southern Tibet. Contributions To Mineralogy and Petrology, 2019, 174, 1.	1.2	36
18	Variably evolved gabbroic intrusions within the Xigaze ophiolite (Tibet): new insights into the origin of ophiolite diversity. Contributions To Mineralogy and Petrology, 2018, 173, 1.	1.2	24

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19	Ultra-refractory mantle domains in the Luqu ophiolite (Tibet): Petrology and tectonic setting. Lithos, 2017, 286-287, 252-263.	0.6	30
20	Zircon Uâ€“Pb dating of eclogite from the Qiangtang terrane, north-central Tibet: a case of metamorphic zircon with magmatic geochemical features. International Journal of Earth Sciences, 2017, 106, 1239-1255.	0.9	20
21	Zircon U-Pb Geochronological Constraints on Rapid Exhumation of the Mantle Peridotite of the Xigaze Ophiolite, Southern Xizang(Tibet). Acta Geologica Sinica, 2016, 90, 222-223.	0.8	3
22	Evolution History of Mantle Peridotites in the Xigaze Ophiolite: Constraints from Whole-rock and Mineral Geochemistry. Acta Geologica Sinica, 2016, 90, 248-249.	0.8	0
23	Zircon U-Pb geochronological constraints on rapid exhumation of the mantle peridotite of the Xigaze ophiolite, southern Tibet. Chemical Geology, 2016, 443, 67-86.	1.4	62
24	Tectonic significance of the Dongqiao ophiolite in the north-central Tibetan plateau: Evidence from zircon dating, petrological, geochemical and Srâ€“Ndâ€“Hf isotopic characterization. Journal of Asian Earth Sciences, 2016, 116, 139-154.	1.0	68
25	Excavation unloading destruction phenomena in rock dam foundations. Bulletin of Engineering Geology and the Environment, 2009, 68, 257-262.	1.6	37