

Letian Zhang

List of Publications by Citations

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21

papers

286

citations

10

h-index

16

g-index

23

ext. papers

395

ext. citations

3.5

avg, IF

2.84

L-index

#	Paper	IF	Citations
21	Three-dimensional electrical structure of the crust and upper mantle in Ordos Block and adjacent area: Evidence of regional lithospheric modification. <i>Geochemistry, Geophysics, Geosystems</i> , 2014 , 15, 2414-2425	3.6	45
20	Structure of the Central Altyn Tagh Fault revealed by magnetotelluric data: New insights into the structure of the northern margin of the India-Asia collision. <i>Earth and Planetary Science Letters</i> , 2015 , 415, 67-79	5.3	43
19	Extensional extrusion: Insights into south-eastward expansion of Tibetan Plateau from magnetotelluric array data. <i>Earth and Planetary Science Letters</i> , 2016 , 454, 78-85	5.3	33
18	Constraints on the evolution of crustal flow beneath Northern Tibet. <i>Geochemistry, Geophysics, Geosystems</i> , 2015 , 16, 4237-4260	3.6	29
17	Lithospheric electrical structure of South China imaged by magnetotelluric data and its tectonic implications. <i>Journal of Asian Earth Sciences</i> , 2015 , 98, 178-187	2.8	20
16	3-D electrical structure across the Yadong-Gulu rift revealed by magnetotelluric data: New insights on the extension of the upper crust and the geometry of the underthrusting Indian lithospheric slab in southern Tibet. <i>Earth and Planetary Science Letters</i> , 2017 , 474, 172-179	5.3	20
15	Crustal electrical structures and deep processes of the eastern Lhasa terrane in the south Tibetan plateau as revealed by magnetotelluric data. <i>Tectonophysics</i> , 2016 , 675, 168-180	3.1	18
14	Northward channel flow in northern Tibet revealed from 3D magnetotelluric modelling. <i>Physics of the Earth and Planetary Interiors</i> , 2014 , 235, 13-24	2.3	18
13	Lithospheric rheological heterogeneity across an intraplate rift basin (Linfen Basin, North China) constrained from magnetotelluric data: Implications for seismicity and rift evolution. <i>Tectonophysics</i> , 2017 , 717, 1-15	3.1	14
12	Lithospheric electrical structure of the middle Lhasa terrane in the south Tibetan plateau. <i>Tectonophysics</i> , 2018 , 731-732, 95-103	3.1	13
11	Shaping the Surface Deformation of Central and South Tibetan Plateau: Insights From Magnetotelluric Array Data. <i>Journal of Geophysical Research: Solid Earth</i> , 2020 , 125, e2019JB019206	3.6	7
10	A Review of Recent Developments in the Study of Regional Lithospheric Electrical Structure of the Asian Continent. <i>Surveys in Geophysics</i> , 2017 , 38, 1043-1096	7.6	7
9	Lithospheric electrical structure in the central Tibetan Plateau and its tectonic significance. <i>Journal of Asian Earth Sciences</i> , 2019 , 184, 103996	2.8	6
8	Varying Indian crustal front in the southern Tibetan Plateau as revealed by magnetotelluric data. <i>Earth, Planets and Space</i> , 2017 , 69,	2.9	6
7	Deep thermal state on the eastern margin of the Lhasa-Gangdese belt and its constraints on tectonic dynamics based on the 3-D electrical model. <i>Tectonophysics</i> , 2020 , 793, 228606	3.1	2
6	Middle Crustal Partial Melting Triggered Since the Mid-Miocene in Southern Tibet: Insights From Magnetotelluric Data. <i>Journal of Geophysical Research: Solid Earth</i> , 2021 , 126, e2021JB022435	3.6	2
5	Structure of the Eastern Margin of the Tibetan Plateau from Magnetotelluric Studies 2013 ,		1

4	Three-dimensional electrical structure and deep dynamics of the Khondalite Belt and adjacent areas in the Western Block of the North China Craton. <i>Precambrian Research</i> , 2020 , 350, 105916	3.9	1
3	Crustal electrical structure and deep metallogenic mechanism in the Xiongcu and Niangre districts of the Tibetan Plateau. <i>Journal of Applied Geophysics</i> , 2021 , 185, 104260	1.7	1
2	Lithospheric Structure Near the Northern Xainza-Dinggye Rift, Tibetan Plateau: Implications for Rheology and Tectonic Dynamics. <i>Journal of Geophysical Research: Solid Earth</i> , 2021 , 126, e2020JB021442	3.6	0
1	Controls on the metallogenesis of the Lhasa-Mozugongka district, Gangdese Belt, Tibetan Plateau: Constraints on melt distribution and viscosity from the 3-D electrical structure of the lithosphere. <i>Ore Geology Reviews</i> , 2022 , 104881	3.2	0