

Yang Li

List of Publications by Year in descending order

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18
papers

318
citations

933447

10
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888059

17
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all docs

18
docs citations

18
times ranked

278
citing authors

#	ARTICLE	IF	CITATIONS
1	The stability and structure of primordial reservoirs in the lower mantle: insights from models of thermochemical convection in three-dimensional spherical geometry. <i>Geophysical Journal International</i> , 2014, 199, 914-930.	2.4	59
2	Gravity Gradient Tensor of Arbitrary 3D Polyhedral Bodies with up to Third-Order Polynomial Horizontal and Vertical Mass Contrasts. <i>Surveys in Geophysics</i> , 2018, 39, 901-935.	4.6	34
3	Archean cratonic mantle recycled at a mid-ocean ridge. <i>Science Advances</i> , 2022, 8, .	10.3	30
4	Effects of the post-perovskite phase transition properties on the stability and structure of primordial reservoirs in the lower mantle of the Earth. <i>Earth and Planetary Science Letters</i> , 2015, 432, 1-12.	4.4	27
5	Effects of low-viscosity post-perovskite on the stability and structure of primordial reservoirs in the lower mantle. <i>Geophysical Research Letters</i> , 2014, 41, 7089-7097.	4.0	23
6	Lower Crustal Rheology Controls the Development of Large Offset Strike-slip Faults During the Himalayan-Tibetan Orogeny. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089435.	4.0	20
7	Large-Scale Thermo-chemical Structure of the Deep Mantle: Observations and Models. , 2015, , 479-515.		19
8	The role of pre-existing weak zones in the formation of the Himalaya and Tibetan plateau: 3-D thermomechanical modelling. <i>Geophysical Journal International</i> , 2020, 221, 1971-1983.	2.4	18
9	Exact solutions of the vertical gravitational anomaly for a polyhedral prism with vertical polynomial density contrast of arbitrary orders. <i>Geophysical Journal International</i> , 2018, 214, 2115-2132.	2.4	17
10	Amagmatic Subduction Produced by Mantle Serpentinization and Oceanic Crust Delamination. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086257.	4.0	13
11	Small post-perovskite patches at the base of lower mantle primordial reservoirs: Insights from 2D numerical modeling and implications for ULVZs. <i>Geophysical Research Letters</i> , 2016, 43, 3215-3225.	4.0	11
12	Effects of the Compositional Viscosity Ratio on the Long-Term Evolution of Thermochemical Reservoirs in the Deep Mantle. <i>Geophysical Research Letters</i> , 2019, 46, 9591-9601.	4.0	11
13	Core-Mantle Boundary Dynamic Topography: Influence of Postperovskite Viscosity. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 9247-9264.	3.4	9
14	Mountain Building in Taiwan: Insights From 3D Geodynamic Models. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 5924-5950.	3.4	7
15	Constraints on the composition and temperature of LLSVPs from seismic properties of lower mantle minerals. <i>Earth and Planetary Science Letters</i> , 2021, 554, 116685.	4.4	7
16	Effects of Iron Spin Transition on the Structure and Stability of Large Primordial Reservoirs in Earth's Lower Mantle. <i>Geophysical Research Letters</i> , 2018, 45, 5918-5928.	4.0	5
17	3D Geodynamic Models for HP-UHP Rock Exhumation in Opposite-Dip Double Subduction-Collision Systems. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022326.	3.4	5
18	Influence of composition-dependent thermal conductivity on the long-term evolution of primordial reservoirs in Earth's lower mantle. <i>Earth, Planets and Space</i> , 2022, 74, .	2.5	3