

Jianshe Lei

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

2,519
citations

279798

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docs citations

43
times ranked

1481
citing authors

#	ARTICLE	IF	CITATIONS
1	Seismic image and origin of the Changbai intraplate volcano in East Asia: Role of big mantle wedge above the stagnant Pacific slab. <i>Physics of the Earth and Planetary Interiors</i> , 2009, 173, 197-206.	1.9	348
2	P-wave tomography and origin of the Changbai intraplate volcano in Northeast Asia. <i>Tectonophysics</i> , 2005, 397, 281-295.	2.2	260
3	New seismic constraints on the upper mantle structure of the Hainan plume. <i>Physics of the Earth and Planetary Interiors</i> , 2009, 173, 33-50.	1.9	176
4	Insight into the origin of the Tengchong intraplate volcano and seismotectonics in southwest China from local and teleseismic data. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	173
5	Teleseismic P-wave tomography and mantle dynamics beneath Eastern Tibet. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 1861-1884.	2.5	137
6	Structural heterogeneity of the Longmenshan fault zone and the mechanism of the 2008 Wenchuan earthquake (Ms 8.0). <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	2.5	132
7	Teleseismic evidence for a break-off subducting slab under Eastern Turkey. <i>Earth and Planetary Science Letters</i> , 2007, 257, 14-28.	4.4	106
8	Deep structure and origin of the Baikal rift zone. <i>Earth and Planetary Science Letters</i> , 2006, 243, 681-691.	4.4	102
9	Teleseismic P-wave tomography and the upper mantle structure of the central Tien Shan orogenic belt. <i>Physics of the Earth and Planetary Interiors</i> , 2007, 162, 165-185.	1.9	97
10	Upper-mantle tomography and dynamics beneath the North China Craton. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	93
11	Seismic imaging of the deep structure under the Chinese volcanoes: An overview. <i>Physics of the Earth and Planetary Interiors</i> , 2013, 224, 104-123.	1.9	90
12	<i>Pn</i> anisotropic tomography and dynamics under eastern Tibetan plateau. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 2174-2198.	3.4	90
13	Global P-wave tomography: On the effect of various mantle and core phases. <i>Physics of the Earth and Planetary Interiors</i> , 2006, 154, 44-69.	1.9	65
14	Is there a big mantle wedge under eastern Tibet?. <i>Physics of the Earth and Planetary Interiors</i> , 2019, 292, 100-113.	1.9	62
15	Seismic ray path variations in a 3D global velocity model. <i>Physics of the Earth and Planetary Interiors</i> , 2004, 141, 153-166.	1.9	58
16	Seismic images under the Beijing region inferred from P and PmP data. <i>Physics of the Earth and Planetary Interiors</i> , 2008, 168, 134-146.	1.9	52
17	<i>Pn</i> anisotropic tomography and mantle dynamics beneath China. <i>Physics of the Earth and Planetary Interiors</i> , 2016, 257, 193-204.	1.9	45
18	Seismic tomographic imaging of the crust and upper mantle under the central and western Tien Shan orogenic belt. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	38

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19	P-wave upper-mantle tomography of the Tanlu fault zone in eastern China. <i>Physics of the Earth and Planetary Interiors</i> , 2020, 299, 106402.	1.9	35
20	Crustal and Upper Mantle Structure of the Tien Shan Orogenic Belt From Full-Wave Ambient Noise Tomography. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 3987-4000.	3.4	32
21	Pn anisotropic tomography under the entire Tianshan orogenic belt. <i>Journal of Asian Earth Sciences</i> , 2015, 111, 568-579.	2.3	25
22	Mantle transition zone discontinuities beneath the Tien Shan. <i>Geophysical Journal International</i> , 2017, 211, 80-92.	2.4	25
23	Pn anisotropic tomography of Northeast China and its implications to mantle dynamics. <i>Journal of Asian Earth Sciences</i> , 2019, 171, 334-347.	2.3	24
24	Detailed Moho variations under Northeast China inferred from receiver function analyses and their tectonic implications. <i>Physics of the Earth and Planetary Interiors</i> , 2020, 300, 106448.	1.9	24
25	Lateral Moho variations and the geometry of the Main Himalayan Thrust beneath the Nepal Himalayan orogen revealed by teleseismic receiver functions. <i>Geophysical Journal International</i> , 2018, 214, 1004-1017.	2.4	22
26	Crustal structure beneath Northeast China from ambient noise tomography. <i>Physics of the Earth and Planetary Interiors</i> , 2019, 293, 106257.	1.9	21
27	SKS Splitting Measurements in NE China: New Insights Into the Wudalianchi Intraplate Volcanism and Mantle Dynamics. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018575.	3.4	20
28	The 20 April 2013 Lushan, Sichuan, mainshock, and its aftershock sequence: tectonic implications. <i>Earthquake Science</i> , 2014, 27, 15-25.	0.9	18
29	Deep structure of the Longmenshan fault zone and mechanism of the 2008 Wenchuan earthquake. <i>Chinese Science Bulletin</i> , 2018, 63, 1906-1916.	0.7	16
30	Relocation of the 10 March 2011 Yingjiang, China, earthquake sequence and its tectonic implications. <i>Earthquake Science</i> , 2012, 25, 103-110.	0.9	14
31	Crustal thickness and Poisson's ratio beneath the Yunnan region. <i>Science China Earth Sciences</i> , 2013, 56, 693-702.	5.2	13
32	Shear-wave velocity structure beneath the central Tien Shan (NW China) from seismic ambient noise tomography. <i>Journal of Asian Earth Sciences</i> , 2018, 163, 80-89.	2.3	13
33	Three-dimensional shear-wave velocity structure under the Weifang segment of the Tanlu fault zone in eastern China inferred from ambient noise tomography with a short-period dense seismic array. <i>Physics of the Earth and Planetary Interiors</i> , 2020, 309, 106590.	1.9	13
34	Teleseismic P-wave crustal tomography of the Weifang segment on the Tanlu fault zone: A case study based on short-period dense seismic array experiment. <i>Physics of the Earth and Planetary Interiors</i> , 2020, 306, 106521.	1.9	13
35	Tomographic Pn Velocity and Anisotropy Structure in Mongolia and the Adjacent Regions. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 3662-3679.	3.4	12
36	The 2013 and 2017 $M > 5$ Seismic Swarms in Jilin, NE China: Fluid-Triggered Earthquakes?. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 13096-13111.	3.4	12

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37	Pn Anisotropic Tomography of Northeast Asia: New Insight Into Subduction Dynamics and Volcanism. Journal of Geophysical Research: Solid Earth, 2022, 127, .	3.4	12
38	Seismic evidence for influences of deep fluids on the 2019 Changning Ms 6.0 earthquake, Sichuan basin, SW China. Journal of Asian Earth Sciences, 2020, 200, 104492.	2.3	8
39	Pn Anisotropic Tomography of Hainan Island and Surrounding Areas: New Insights Into the Hainan Mantle Plume. Journal of Geophysical Research: Solid Earth, 2022, 127, .	3.4	7
40	New Insights Into Potassic Intraplate Volcanism in Northeast China From Joint Tomography of Ambient Noise and Teleseismic Surface Waves. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB021856.	3.4	6
41	Pn anisotropic tomography and mantle dynamics underneath the South China Sea and surrounding areas. Journal of Asian Earth Sciences, 2021, 214, 104796.	2.3	5
42	Frequency-dependent Pms splitting measurements across the Longmenshan thrust belt in the eastern Tibetan Plateau. Journal of Asian Earth Sciences, 2019, 185, 104027.	2.3	4
43	Preface to the special issue on Structure and dynamics of the Longmenshan fault zone. Journal of Asian Earth Sciences, 2020, 200, 104474.	2.3	1