

Hongjian Fang

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

700
citations

687363

13
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

577
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct inversion of surface wave dispersion for three-dimensional shallow crustal structure based on ray tracing: methodology and application. <i>Geophysical Journal International</i> , 2015, 201, 1251-1263.	2.4	194
2	A new algorithm for three-dimensional joint inversion of body wave and surface wave data and its application to the Southern California plate boundary region. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 3557-3569.	3.4	89
3	3D Near-Surface Shear-Wave Velocity Structure from Ambient-Noise Tomography and Borehole Data in the Hefei Urban Area, China. <i>Seismological Research Letters</i> , 2016, 87, 882-892.	1.9	63
4	Wavelet-based double-difference seismic tomography with sparsity regularization. <i>Geophysical Journal International</i> , 2014, 199, 944-955.	2.4	45
5	Direct Inversion for Three-Dimensional Shear Wave Speed Azimuthal Anisotropy Based on Surface Wave Ray Tracing: Methodology and Application to Yunnan, Southwest China. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 11394-11413.	3.4	43
6	On the measurement of seismic traveltime changes in the time-frequency domain with wavelet cross-spectrum analysis. <i>Geophysical Journal International</i> , 2020, 221, 550-568.	2.4	42
7	3-D Crustal Shear-Wave Velocity Structure of the Taiwan Strait and Fujian, SE China, Revealed by Ambient Noise Tomography. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 8016-8031.	3.4	40
8	Shear Wave Tomography Beneath the United States Using a Joint Inversion of Surface and Body Waves. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 5169-5189.	3.4	36
9	Along-strike variations in the Himalayan orogenic wedge structure in Bhutan from ambient seismic noise tomography. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1483-1498.	2.5	32
10	PyKonal: A Python Package for Solving the Eikonal Equation in Spherical and Cartesian Coordinates Using the Fast Marching Method. <i>Seismological Research Letters</i> , 2020, 91, 2378-2389.	1.9	27
11	<i>V</i> tomography in the southern California plate boundary region using body and surface wave traveltime data. <i>Geophysical Journal International</i> , 2019, 216, 609-620.	2.4	23
12	Detailed traveltime tomography and seismic catalogue around the 2019 Mw7.1 Ridgecrest, California, earthquake using dense rapid-response seismic data. <i>Geophysical Journal International</i> , 2021, 227, 204-227.	2.4	17
13	Parsimonious Seismic Tomography with Poisson Voronoi Projections: Methodology and Validation. <i>Seismological Research Letters</i> , 2020, 91, 343-355.	1.9	16
14	Variations in Seismic Wave Speed and V_p/V_s Ratio in the North American Lithosphere. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB020574.	3.4	14
15	Earthquake Depth Phase Extraction With <i>P</i> Wave Autocorrelation Provides Insight Into Mechanisms of Intermediate-Depth Earthquakes. <i>Geophysical Research Letters</i> , 2019, 46, 14440-14449.	4.0	11
16	Seismic Traveltime Tomography of Southern California Using Poisson-Voronoi Cells and 20 Years of Data. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	3.4	6
17	Earthquake rupture imaging with the wavelet domain compressive sensing: methodology and application to the 2011 Tohoku earthquake. <i>Geophysical Journal International</i> , 2018, 215, 2060-2070.	2.4	2