Hongjian Fang

List of Publications by Year
in descending order

17	700	687363 13	888059 17
papers	citations	h-index	g-index

17	17	17	577
all docs	docs citations	times ranked	citing authors

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