

Zongbo Xu

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

681
citations

687363

13
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888059

17
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23
all docs

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docs citations

23
times ranked

412
citing authors

#	ARTICLE	IF	CITATIONS
1	The Far Side of Mars: Two Distant Marsquakes Detected by InSight. <i>The Seismic Record</i> , 2022, 2, 88-99.	3.1	29
2	Estimation of Resolution and Covariance of Ambient Seismic Source Distributions: Full Waveform Inversion and Matched Field Processing. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	3.4	5
3	Seismic sources of InSight marsquakes and seismotectonic context of Elysium Planitia, Mars. <i>Tectonophysics</i> , 2022, 837, 229434.	2.2	18
4	Seismic detection of the martian core. <i>Science</i> , 2021, 373, 443-448.	12.6	169
5	Monte Carlo simulations of coupled body- and Rayleigh-wave multiple scattering in elastic media. <i>Geophysical Journal International</i> , 2021, 228, 1213-1236.	2.4	4
6	Rayleigh-wave multicomponent crosscorrelation-based source strength distribution inversions. Part 2: a workflow for field seismic data. <i>Geophysical Journal International</i> , 2020, 222, 2084-2101.	2.4	11
7	Comparisons between non-interferometric and interferometric passive surface wave imaging methods “Towards linear receiver array. , 2020, , .		1
8	Rayleigh-wave multicomponent cross-correlation-based source strength distribution inversion. Part 1: Theory and numerical examples. <i>Geophysical Journal International</i> , 2019, 218, 1761-1780.	2.4	20
9	Frequency“Wavenumber (FK)-Based Data Selection in High-Frequency Passive Surface Wave Survey. <i>Surveys in Geophysics</i> , 2018, 39, 661-682.	4.6	51
10	Source-distribution estimation from direct Rayleigh waves in multicomponent crosscorrelations. , 2018, , .		4
11	Imposing Active Sources during High-Frequency Passive Surface-Wave Measurement. <i>Engineering</i> , 2018, 4, 685-693.	6.7	14
12	Imposing active sources during high-frequency passive surface-wave measurements. , 2018, , .		1
13	A comprehensive comparison between the refraction microtremor and seismic interferometry methods for phase-velocity estimation. <i>Geophysics</i> , 2017, 82, EN99-EN108.	2.6	29
14	On the reliability of direct Rayleigh-wave estimation from multicomponent cross-correlations. <i>Geophysical Journal International</i> , 2017, 210, 1388-1393.	2.4	15
15	Advantages of Multi-channel Analysis of Passive Surface Waves (MAPS). , 2017, , .		4
16	High-resolution dispersion images from deblurred MASW. , 2017, , .		5
17	Multichannel analysis of passive surface waves based on crosscorrelations. <i>Geophysics</i> , 2016, 81, EN57-EN66.	2.6	99
18	Delineating Shallow“Wave Velocity Structure Using Multiple Ambient“Noise Surface“Wave Methods: An Example from Western Junggar, China. <i>Bulletin of the Seismological Society of America</i> , 2016, 106, 327-336.	2.3	36

#	ARTICLE	IF	CITATIONS
19	Potential Misidentification of Love-Wave Phase Velocity Based on Three-Component Ambient Seismic Noise. <i>Pure and Applied Geophysics</i> , 2016, 173, 1115-1124.	1.9	7
20	Love-wave waveform inversion in time domain for shallow shear-wave velocity. <i>Geophysics</i> , 2016, 81, R1-R14.	2.6	49
21	Resolution equivalence of dispersion-imaging methods for noise-free high-frequency surface-wave data. <i>Journal of Applied Geophysics</i> , 2015, 122, 167-171.	2.1	25
22	A new passive seismic method based on seismic interferometry and multichannel analysis of surface waves. <i>Journal of Applied Geophysics</i> , 2015, 117, 126-135.	2.1	84
23	Crustal Structure across the West Antarctic Rift System from Multicomponent Ambient Noise Surface Wave Tomography. <i>Seismological Research Letters</i> , 0, , .	1.9	1