

# Zongbo Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5110351/publications.pdf>

Version: 2024-02-01

23  
papers

681  
citations

687363

13  
h-index

888059

17  
g-index

23  
all docs

23  
docs citations

23  
times ranked

412  
citing authors

#	ARTICLE	IF	CITATIONS
1	Seismic detection of the martian core. <i>Science</i> , 2021, 373, 443-448.	12.6	169
2	Multichannel analysis of passive surface waves based on crosscorrelations. <i>Geophysics</i> , 2016, 81, EN57-EN66.	2.6	99
3	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
4	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
5	Love-wave waveform inversion in time domain for shallow shear-wave velocity. <i>Geophysics</i> , 2016, 81, R1-R14.	2.6	49
6	Delineating Shallow S-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
7	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
8	The Far Side of Mars: Two Distant Marsquakes Detected by InSight. <i>The Seismic Record</i> , 2022, 2, 88-99.	3.1	29
9	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
10	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
11	Seismic sources of InSight marsquakes and seismotectonic context of Elysium Planitia, Mars. <i>Tectonophysics</i> , 2022, 837, 229434.	2.2	18
12	On the reliability of direct Rayleigh-wave estimation from multicomponent cross-correlations. <i>Geophysical Journal International</i> , 2017, 210, 1388-1393.	2.4	15
13	Imposing Active Sources during High-Frequency Passive Surface-Wave Measurement. <i>Engineering</i> , 2018, 4, 685-693.	6.7	14
14	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
15	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
16	High-resolution dispersion images from deblurred MASW. , 2017, , .		5
17	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
18	Advantages of Multi-channel Analysis of Passive Surface Waves (MAPS). , 2017, , .		4

#	ARTICLE	IF	CITATIONS
19	Source-distribution estimation from direct Rayleigh waves in multicomponent crosscorrelations. , 2018, , .		4
20	Monte Carlo simulations of coupled body- and Rayleigh-wave multiple scattering in elastic media. Geophysical Journal International, 2021, 228, 1213-1236.	2.4	4
21	Imposing active sources during high-frequency passive surface-wave measurements. , 2018, , .		1
22	Comparisons between non-interferometric and interferometric passive surface wave imaging methods “ Towards linear receiver array. , 2020, , .		1
23	Crustal Structure across the West Antarctic Rift System from Multicomponent Ambient Noise Surface Wave Tomography. Seismological Research Letters, 0, , .	1.9	1