Yudi Pan

List of Publications by Year
in descending order

33 papers	695 citations	623188 14 h-index	552369 26 g-index
34 all docs	34 docs citations	34 times ranked	316 citing authors

#	Article	IF	Citations
1	Multichannel analysis of passive surface waves based on crosscorrelations. Geophysics, 2016, 81, EN57-EN66.	1.4	99
2	A new passive seismic method based on seismic interferometry and multichannel analysis of surface waves. Journal of Applied Geophysics, 2015, 117, 126-135.	0.9	84
3	High-Resolution Characterization of Near-Surface Structures by Surface-Wave Inversions: From Dispersion Curve to Full Waveform. Surveys in Geophysics, 2019, 40, 167-195.	2.1	54
4	Love-wave waveform inversion in time domain for shallow shear-wave velocity. Geophysics, 2016, 81, R1-R14.	1.4	49
5	Reason and Condition for Mode Kissing in MASW Method. Pure and Applied Geophysics, 2016, 173, 1627-1638.	0.8	46
6	Calculation of Rayleigh-wave phase velocities due to models with a high-velocity surface layer. Journal of Applied Geophysics, 2013, 96, 1-6.	0.9	39
7	Misidentification caused by leaky surface wave in high-frequency surface wave method. Geophysical Journal International, 2014, 199, 1452-1462.	1.0	39
8	Delineating ShallowSâ€Wave Velocity Structure Using Multiple Ambientâ€Noise Surfaceâ€Wave Methods: An Example from Western Junggar, China. Bulletin of the Seismological Society of America, 2016, 106, 327-336.	1.1	36
9	Verification of correctness of using real part of complex root as Rayleigh-wave phase velocity with synthetic data. Journal of Applied Geophysics, 2013, 88, 94-100.	0.9	34
10	Time-domain full-waveform inversion of Rayleigh and Love waves in presence of free-surface topography. Journal of Applied Geophysics, 2018, 152, 77-85.	0.9	30
11	Sensitivities of phase-velocity dispersion curves of surface waves due to high-velocity-layer and low-velocity-layer models. Journal of Applied Geophysics, 2016, 135, 367-374.	0.9	21
12	Estimating S-wave velocities from 3D 9-component shallow seismic data using local Rayleigh-wave dispersion curves â€“ A field study. Journal of Applied Geophysics, 2018, 159, 532-539.	0.9	20
13	2-D multiparameter viscoelastic shallow-seismic full-waveform inversion: reconstruction tests and first field-data application. Geophysical Journal International, 2020, 222, 560-571.	1.0	20
14	Estimating Q Factor from Multi-mode Shallow-Seismic Surface Waves. Pure and Applied Geophysics, 2018, 175, 2609-2622.	0.8	14
15	Multi-objective waveform inversion of shallow seismic wavefields. Geophysical Journal International, 2020, 220, 1619-1631.	1.0	14
16	Randomâ€Objective Waveform Inversion of 3Dâ€9C Shallowâ€Seismic Field Data. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB022036.	1.4	11
17	3-D multicomponent full waveform inversion for shallow-seismic target: Ettlingen Line case study. Geophysical Journal International, 2022, 229, 1017-1040.	1.0	11
18	Acquisition and processing pitfall with clipped traces in surface-wave analysis. Journal of Applied Geophysics, 2016, 125, 1-6.	0.9	10

#	Article	IF	Citations
19	Multichannel analysis of Love waves in a 3D seismic acquisition system. Geophysics, 2016, 81, EN67-EN74.	1.4	10
20	Random objective waveform inversion of surface waves. Geophysics, 2020, 85, EN49-EN61.	1.4	8
21	Multiparameter viscoelastic full-waveform inversion of shallow-seismic surface waves with a pre-conditioned truncated Newton method. Geophysical Journal International, 2021, 227, 2044-2057.	1.0	8
22	Potential Misidentification of Love-Wave Phase Velocity Based on Three-Component Ambient Seismic Noise. Pure and Applied Geophysics, 2016, 173, 1115-1124.	0.8	7
23	Twoâ€dimensional elastic fullâ€waveform inversion of Love waves in shallow vertically transversely isotropic media: synthetic reconstruction tests. Near Surface Geophysics, 2019, 17, 449-461.	0.6	7
24	Wavefield-Separated Full-Waveform Inversion of Shallow-Seismic Rayleigh Waves. Pure and Applied Geophysics, 2022, 179, 1583-1596.	0.8	6
25	A single Rayleigh mode may exist with multiple values of phase-velocity at one frequency. Geophysical Journal International, 2020, 222, 582-594.	1.0	5
26	Source signature estimation from multimode surface waves via mode-separated virtual real source method. Geophysical Journal International, 2018, 213, 1177-1186.	1.0	4
27	Some new findings in high-frequency surface-wave methods. , 2015, , .		2
28	Indirect joint petrophysical inversion of synthetic shallow-seismic and multi-offset ground-penetrating radar data. Geophysical Journal International, 2022, 229, 1770-1784.	1.0	2
29	From multichannel analysis to waveform inversion of shallow-seismic surface waves. , 2019, , .		1
30	Sensitivities of Rayleigh-wave Dispersion Curves Due to Low-velocity-layer and High-velocity-layer Models. , 2013, , .		0
31	Recent advances in high-frequency surface-wave methods. , 2015, , .		0
32	Characteristics of high-frequency surface waves in a multi-layer earth model. , 2015, , .		0
33	Finite Difference Modelling of Rayleigh Waves with Nonuniform Grid Spacing. , 2018, , .		0