Wenyong Pan

List of Publications by Year
in descending order

16 papers	383 citations	933447 10 h-index	1281871 11 g-index
18 all docs	18 docs citations	18 times ranked	198 citing authors

#	Article	IF	Citations
1	Estimation of elastic constants for HTI media using Gauss-Newton and full-Newton multiparameter full-waveform inversion. Geophysics, 2016, 81, R275-R291.	2.6	89
2	Interparameter trade-off quantification and reduction in isotropic-elastic full-waveform inversion: synthetic experiments and Hussar land data set application. Geophysical Journal International, 2018, 213, 1305-1333.	2.4	59
3	Elastic full-waveform inversion and parametrization analysis applied to walk-away vertical seismic profile data for unconventional (heavy oil) reservoir characterization. Geophysical Journal International, 2018, 213, 1934-1968.	2.4	56
4	Accelerating Hessian-free Gauss-Newton full-waveform inversion via l-BFGS preconditioned conjugate-gradient algorithm. Geophysics, 2017, 82, R49-R64.	2.6	39
5	Interparameter trade-off quantification for isotropic-elastic full-waveform inversion with various model parameterizations. Geophysics, 2019, 84, R185-R206.	2.6	34
6	Efficient pseudo-Gauss-Newton full-waveform inversion in the $\ddot{\text{I}}_{,,}$-p domain. Geophysics, 2015, 80, R225-R14.	2.6	27
7	On the influence of different misfit functions for attenuation estimation in viscoelastic full-waveform inversion: synthetic study. Geophysical Journal International, 2020, 221, 1292-1319.	2.4	17
8	Amplitude-based misfit functions in viscoelastic full-waveform inversion applied to walk-away vertical seismic profile data. Geophysics, 2019, 84, B335-B351.	2.6	15
9	SeisElastic2D: An open-source package for multiparameter full-waveform inversion in isotropic-, anisotropic- and visco-elastic media. Computers and Geosciences, 2020, 145, 104586.	4.2	14
10	Parameterization analysis and field validation of VTI-elastic full-waveform inversion in a walk-away vertical seismic profile configuration. Geophysics, 2020, 85, B87-B107.	2.6	11
11	Frequency-domain full-waveform inversion with non-linear descent directions. Geophysical Journal International, 2018, 213, 739-756.	2.4	10
12	Iterative modeling migration and inversion (IMMI): Combining full waveform inversion with standard inversion methodology. , 2014, , .		9
13	Elastic-wave-equation traveltime tomography in anisotropic media using differential measurements of long-offset data. , 2018, , .		2
14	Accelerating Hessian-free Gauss-Newton full-waveform inversion via improved preconditioning strategies. , 2016, , .		1
15	Frequency-domain full-waveform inversion with updates based on nonlinear sensitivities. , 2017, , .		0
16	Interparameter tradeoff quantification and reduction in isotropic-elastic full-waveform inversion. , 2017, , .		0