

Shohei Minato

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

366
citations

840776

11
h-index

794594

19
g-index

38
all docs

38
docs citations

38
times ranked

389
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel principle to localize the sensitivity of waveform tomography using wave interferences at the observation boundary. <i>Scientific Reports</i> , 2021, 11, 22073.	3.3	0
2	Robust time-lapse full-waveform inversion using boundary integral representation: Numerical examples for borehole and ambient seismic noise monitoring. , 2021, , .		0
3	Elastic least-squares migration for quantitative reflection imaging of fracture compliances. <i>Geophysics</i> , 2020, 85, S327-S342.	2.6	5
4	Bayesian full-waveform inversion of tube waves to estimate fracture aperture and compliance. <i>Solid Earth</i> , 2020, 11, 657-668.	2.8	6
5	Quantitative imaging of fractures around a borehole using linear slip theory and elastic least-squares migration. , 2019, , .		0
6	Inversion of the soil-water characteristic curve in an unsaturated dyke using geophysical datasets. , 2019, , .		1
7	Seismic modelling and inversion of nonwelded interfaces using the boundary integral equation. , 2019, , .		0
8	Errors in geophysical parameters incorporated simultaneously in in-situ SWCC inversion: Improved slope stability analyses. , 2019, , .		0
9	Experimental verification of spatially varying fracture-compliance estimates obtained from amplitude variation with offset inversion coupled with linear slip theory. <i>Geophysics</i> , 2018, 83, WA1-WA8.	2.6	11
10	Inversion of soil-water characteristic curve in unsaturated soil embankment using the underlying physics of S-wave and integrated geophysics. , 2018, , .		1
11	Low-frequency guided waves in a fluid-filled borehole: Simultaneous effects of generation and scattering due to multiple fractures. <i>Journal of Applied Physics</i> , 2017, 121, 104902.	2.5	13
12	3D geometry of a plate boundary fault related to the 2016 Off-Mie earthquake in the Nankai subduction zone, Japan. <i>Earth and Planetary Science Letters</i> , 2017, 478, 234-244.	4.4	19
13	Hydraulic Properties of Closely Spaced Dipping Open Fractures Intersecting a Fluid-Filled Borehole Derived From Tube Wave Generation and Scattering. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 8003-8020.	3.4	6
14	Characterization of hydraulic properties of a dipping permeable layer using the amplitude of the generated tube wave. , 2017, , .		1
15	Modelling time-lapse shear-wave velocity changes in an unsaturated soil embankment due to water infiltration and drainage. <i>First Break</i> , 2017, 35, .	0.4	7
16	Enhanced characterization of fracture compliance heterogeneity using multiple reflections and data-driven Green's function retrieval. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 2813-2836.	3.4	14
17	Modeling and imaging of multiply generated and scattered tube waves due to multiple hydraulic fractures. , 2016, , .		0
18	Laboratory estimation of fracture compliance of a fluid-filled fracture using AVO response of a nonwelded interface. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
19	AVO inversion for a non-welded interface: estimating compliances of a fluid-filled fracture. <i>Geophysical Journal International</i> , 2016, 206, 56-62.	2.4	26
20	Crustal-scale reflection imaging and interpretation by passive seismic interferometry using local earthquakes. <i>Interpretation</i> , 2016, 4, SJ29-SJ53.	1.1	15
21	Nonlinear imaging condition and the effect of source illumination: Imaging fractures as nonwelded interfaces. <i>Geophysics</i> , 2015, 80, A25-A30.	2.6	9
22	Characterization of heterogeneous fracture compliance using multiple reflections coupled with data-driven Green's function retrieval. , 2015, , .		0
23	Imaging and characterization of a subhorizontal non-welded interface from point source elastic scattering response. <i>Geophysical Journal International</i> , 2014, 197, 1090-1095.	2.4	18
24	Power spectral density of the heterogeneous fracture compliance from scattered elastic wavefields. <i>Geophysics</i> , 2014, 79, D67-D79.	2.6	2
25	Non-linear imaging condition to image fractures as non-welded interfaces. , 2014, , .		2
26	Singular-value decomposition analysis of source illumination in seismic interferometry by multidimensional deconvolution. <i>Geophysics</i> , 2013, 78, Q25-Q34.	2.6	18
27	Inverse scattering solution for the spatially heterogeneous compliance of a single fracture. <i>Geophysical Journal International</i> , 2013, 195, 1878-1891.	2.4	16
28	Crosscorrelation of Earthquake Data Using Stationary Phase Evaluation: Insight into Reflection Structures of Oceanic Crust Surface in the Nankai Trough. <i>International Journal of Geophysics</i> , 2012, 2012, 1-8.	1.1	9
29	Monitoring seismic velocity change caused by the 2011 Tohoku earthquake using ambient noise records. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	85
30	Global optimisation by simulated annealing for common reflection surface stacking and its application to low-fold marine data in southwest Japan. <i>Exploration Geophysics</i> , 2012, 43, 59-69.	1.1	15
31	Seismic interferometry using multidimensional deconvolution and crosscorrelation for crosswell seismic reflection data without borehole sources. <i>Geophysics</i> , 2011, 76, SA19-SA34.	2.6	47
32	Interpretation of the effect of source-receiver configuration for Seismic interferometry by Multidimensional deconvolution using singular-value decomposition. , 2011, , .		0
33	Singular value decomposition analysis for seismic interferometry by multidimensional deconvolution. , 2011, , .		1
34	Estimation of detailed temperature distribution of sea water using seismic oceanography. <i>BUTSURI-TANSA(Geophysical Exploration)</i> , 2009, 62, 509-520.	0.0	3
35	Crosswell seismic survey without borehole source. , 2007, , .		12