

# 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  | Monitoring seismic velocity change caused by the 2011 Tohoku earthquake using ambient noise records. <i>Geophysical Research Letters</i> , 2012, 39, .   | 4.0 | 85        |
| 2  | 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        |
| 3  | 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        |
| 4  | 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        |
| 5  | Singular-value decomposition analysis of source illumination in seismic interferometry by multidimensional deconvolution. <i>Geophysics</i> , 2013, 78, Q25-Q34.   | 2.6 | 18        |
| 6  | 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        |
| 7  | Inverse scattering solution for the spatially heterogeneous compliance of a single fracture. <i>Geophysical Journal International</i> , 2013, 195, 1878-1891.  | 2.4 | 16        |
| 8  | 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        |
| 9  | Crustal-scale reflection imaging and interpretation by passive seismic interferometry using local earthquakes. <i>Interpretation</i> , 2016, 4, SJ29-SJ53.   | 1.1 | 15        |
| 10 | 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        |
| 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 | Crosswell seismic survey without borehole source. , 2007, , .  |     | 12        |
| 13 | 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        |
| 14 | 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         |
| 15 | Nonlinear imaging condition and the effect of source illumination: Imaging fractures as nonwelded interfaces. <i>Geophysics</i> , 2015, 80, A25-A30.   | 2.6 | 9         |
| 16 | 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         |
| 17 | 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         |
| 18 | Bayesian full-waveform inversion of tube waves to estimate fracture aperture and compliance. <i>Solid Earth</i> , 2020, 11, 657-668.   | 2.8 | 6         |

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|----|--|-----|-----------|
| 19 | Elastic least-squares migration for quantitative reflection imaging of fracture compliances. Geophysics, 2020, 85, S327-S342.  | 2.6 | 5         |
| 20 | Estimation of detailed temperature distribution of sea water using seismic oceanography. BUTSURI-TANSA(Geophysical Exploration), 2009, 62, 509-520.                        | 0.0 | 3         |
| 21 | Power spectral density of the heterogeneous fracture compliance from scattered elastic wavefields. Geophysics, 2014, 79, D67-D79.  | 2.6 | 2         |
| 22 | Non-linear imaging condition to image fractures as non-welded interfaces. , 2014, , .  |     | 2         |
| 23 | Singular-value decomposition analysis for seismic interferometry by multidimensional deconvolution. , 2011, , .  |     | 1         |
| 24 | Characterization of hydraulic properties of a dipping permeable layer using the amplitude of the generated tube wave. , 2017, , .  |     | 1         |
| 25 | Inversion of soil-water characteristic curve in unsaturated soil embankment using the underlying physics of S-wave and integrated geophysics. , 2018, , .                  |     | 1         |
| 26 | Inversion of the soil-water characteristic curve in an unsaturated dyke using geophysical datasets. , 2019, , .  |     | 1         |
| 27 | Interpretation of the effect of source-receiver configuration for Seismic interferometry by Multidimensional deconvolution using singular-value decomposition. , 2011, , . |     | 0         |
| 28 | Modeling and imaging of multiply generated and scattered tube waves due to multiple hydraulic fractures. , 2016, , .   |     | 0         |
| 29 | Laboratory estimation of fracture compliance of a fluid-filled fracture using AVO response of a nonwelded interface. , 2016, , .   |     | 0         |
| 30 | Quantitative imaging of fractures around a borehole using linear slip theory and elastic least-squares migration. , 2019, , .  |     | 0         |
| 31 | Characterization of heterogeneous fracture compliance using multiple reflections coupled with data-driven Green's function retrieval. , 2015, , .                          |     | 0         |
| 32 | Seismic modelling and inversion of nonwelded interfaces using the boundary integral equation. , 2019, , .  |     | 0         |
| 33 | Errors in geophysical parameters incorporated simultaneously in in-situ SWCC inversion: Improved slope stability analyses. , 2019, , .                                     |     | 0         |
| 34 | A novel principle to localize the sensitivity of waveform tomography using wave interferences at the observation boundary. Scientific Reports, 2021, 11, 22073.            | 3.3 | 0         |
| 35 | Robust time-lapse full-waveform inversion using boundary integral representation: Numerical examples for borehole and ambient seismic noise monitoring. , 2021, , .        |     | 0         |