

Ebru BozdaÄ

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

2,317
citations

430874

18
h-index

526287

27
g-index

29
all docs

29
docs citations

29
times ranked

1763
citing authors

#	ARTICLE	IF	CITATIONS
1	SphGLLTools: A toolbox for visualization of large seismic model files based on 3D spectral-element meshes. <i>Computers and Geosciences</i> , 2022, 159, 105007.	4.2	3
2	Adjoint Waveform Tomography of South America. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	3.4	9
3	Seismic Velocity Variations in a 3D Martian Mantle: Implications for the InSight Measurements. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2020JE006755.	3.6	10
4	Thickness and structure of the martian crust from InSight seismic data. <i>Science</i> , 2021, 373, 438-443.	12.6	140
5	Double-difference measurements in global full-waveform inversions. <i>Geophysical Journal International</i> , 2020, 220, 661-680.	2.4	6
6	Horizontally orthogonal distributed acoustic sensing array for earthquake- and ambient-noise-based multichannel analysis of surface waves. <i>Geophysical Journal International</i> , 2020, 222, 2147-2161.	2.4	27
7	Local Coupling and Conversion of Surface Waves due to Earth's Rotation. Part 2: Numerical Examples. <i>Geophysical Journal International</i> , 2020, , .	2.4	1
8	Global adjoint tomography model GLAD-M25. <i>Geophysical Journal International</i> , 2020, 223, 1-21.	2.4	107
9	The exponentiated phase measurement, and objective-function hybridization for adjoint waveform tomography. <i>Geophysical Journal International</i> , 2020, 221, 1145-1164.	2.4	17
10	Constraints on the shallow elastic and anelastic structure of Mars from InSight seismic data. <i>Nature Geoscience</i> , 2020, 13, 213-220.	12.9	207
11	Initial results from the InSight mission on Mars. <i>Nature Geoscience</i> , 2020, 13, 183-189.	12.9	274
12	Balancing unevenly distributed data in seismic tomography: a global adjoint tomography example. <i>Geophysical Journal International</i> , 2019, 219, 1225-1236.	2.4	28
13	A New Generation of Earth Mantle Model from Global Adjoint Tomography. <i>Acta Geologica Sinica</i> , 2019, 93, 140-140.	1.4	0
14	Planned Products of the Mars Structure Service for the InSight Mission to Mars. <i>Space Science Reviews</i> , 2017, 211, 611-650.	8.1	80
15	Simulations of Seismic Wave Propagation on Mars. <i>Space Science Reviews</i> , 2017, 211, 571-594.	8.1	19
16	Automated time-window selection based on machine learning for full-waveform inversion. , 2017, , .		11
17	Sensitivity analysis of seismic waveforms to upper-mantle discontinuities using the adjoint method. <i>Geophysical Journal International</i> , 2017, 210, 1965-1980.	2.4	9
18	Global adjoint tomography: first-generation model. <i>Geophysical Journal International</i> , 2016, 207, 1739-1766.	2.4	194

#	ARTICLE	IF	CITATIONS
19	An Adaptable Seismic Data Format. <i>Geophysical Journal International</i> , 2016, 207, 1003-1011.	2.4	46
20	Anelastic sensitivity kernels with parsimonious storage for adjoint tomography and full waveform inversion. <i>Geophysical Journal International</i> , 2016, 206, 1467-1478.	2.4	57
21	Seismic structure of the European upper mantle based on adjoint tomography. <i>Geophysical Journal International</i> , 2015, 201, 18-52.	2.4	156
22	Multiscale adjoint waveform tomography for surface and body waves. <i>Geophysics</i> , 2015, 80, R281-R302.	2.6	91
23	Seismic attenuation beneath Europe and the North Atlantic: Implications for water in the mantle. <i>Earth and Planetary Science Letters</i> , 2013, 381, 1-11.	4.4	69
24	Structure of the European upper mantle revealed by adjoint tomography. <i>Nature Geoscience</i> , 2012, 5, 493-498.	12.9	232
25	Misfit functions for full waveform inversion based on instantaneous phase and envelope measurements. <i>Geophysical Journal International</i> , 2011, 185, 845-870.	2.4	334
26	Assessment of tomographic mantle models using spectral element seismograms. <i>Geophysical Journal International</i> , 2010, 180, 1187-1199.	2.4	18
27	Near real-time simulations of global CMT earthquakes. <i>Geophysical Journal International</i> , 2010, 183, 381-389.	2.4	60
28	On crustal corrections in surface wave tomography. <i>Geophysical Journal International</i> , 2008, 172, 1066-1082.	2.4	93
29	Estimation of site amplifications from shear-wave velocity profiles in YeÄyilyurt and AvcÄ±lar, Istanbul, by frequencyâ€wavenumber analysis of microtremors. <i>Journal of Seismology</i> , 2005, 9, 87-98.	1.3	19