

# Alessia Maggi

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

2,834  
citations

331538

21  
h-index

454834

30  
g-index

35  
all docs

35  
docs citations

35  
times ranked

3008  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adjoint Tomography of the Southern California Crust. <i>Science</i> , 2009, 325, 988-992.	6.0	404
2	Nanoscope structure of DNA condensed for gene delivery. <i>Nucleic Acids Research</i> , 1997, 25, 3095-3101.	6.5	368
3	Seismic tomography of the southern California crust based on spectral-element and adjoint methods. <i>Geophysical Journal International</i> , 2010, 180, 433-462.	1.0	321
4	A re-assessment of focal depth distributions in southern Iran, the Tien Shan and northern India: do earthquakes really occur in the continental mantle?. <i>Geophysical Journal International</i> , 2000, 143, 629-661.	1.0	300
5	Surface waveform tomography of the Turkish-Iranian plateau. <i>Geophysical Journal International</i> , 2005, 160, 1068-1080.	1.0	185
6	Velocity model and inferred Moho topography beneath the Antarctic Plate from Rayleigh waves. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 359-383.	1.4	139
7	An automated time-window selection algorithm for seismic tomography. <i>Geophysical Journal International</i> , 2009, 178, 257-281.	1.0	135
8	Temperature, lithosphere-asthenosphere boundary, and heat flux beneath the Antarctic Plate inferred from seismic velocities. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 8720-8742.	1.4	129
9	Global climate imprint on seismic noise. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	1.0	112
10	Automated identification, location, and volume estimation of rockfalls at Piton de la Fournaise volcano. <i>Journal of Geophysical Research F: Earth Surface</i> , 2014, 119, 1082-1105.	1.0	94
11	Multimode surface waveform tomography of the Pacific Ocean: a closer look at the lithospheric cooling signature. <i>Geophysical Journal International</i> , 2006, 166, 1384-1397.	1.0	90
12	Azimuthal anisotropy of the Pacific region. <i>Earth and Planetary Science Letters</i> , 2006, 250, 53-71.	1.8	80
13	Continuous Kurtosis-Based Migration for Seismic Event Detection and Location, with Application to Piton de la Fournaise Volcano, La Reunion. <i>Bulletin of the Seismological Society of America</i> , 2014, 104, 229-246.	1.1	73
14	Automatic identification of rockfalls and volcano-tectonic earthquakes at the Piton de la Fournaise volcano using a Random Forest algorithm. <i>Journal of Volcanology and Geothermal Research</i> , 2017, 340, 130-142.	0.8	61
15	Observations of the seasonality of the Antarctic microseismic signal, and its association to sea ice variability. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	52
16	Implementation of a Multistation Approach for Automated Event Classification at Piton de la Fournaise Volcano. <i>Seismological Research Letters</i> , 2017, 88, 878-891.	0.8	49
17	Ambient noise tomography with non-uniform noise sources and low aperture networks: case study of deep geothermal reservoirs in northern Alsace, France. <i>Geophysical Journal International</i> , 2017, 208, 193-210.	1.0	34
18	Earthquake focal depths, effective elastic thickness, and the strength of the continental lithosphere. <i>Geology</i> , 2000, 28, 495-498.	2.0	32

#	ARTICLE	IF	CITATIONS
19	Characterization of ambient seismic noise near a deep geothermal reservoir and implications for interferometric methods: a case study in northern Alsace, France. <i>Geothermal Energy</i> , 2015, 3, .	0.9	27
20	A measurement of H0 from Ryle Telescope, ASCA and ROSAT observations of Abell 773. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 341, 937-940.	1.6	26
21	Frequency-dependent noise sources in the North Atlantic Ocean. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 5341-5353.	1.0	25
22	The 1996 Cyprus earthquake: a large, deep event in the Cyprean Arc. <i>Geophysical Journal International</i> , 2004, 158, 85-97.	1.0	22
23	The GEOSCOPE Program: Progress and Challenges during the Past 30 Years. <i>Seismological Research Letters</i> , 2010, 81, 427-452.	0.8	22
24	Seismic Wave Interactions Between the Atmosphere - Ocean - Cryosphere System and the Geosphere in Polar Regions. , 0, , .		14
25	Seismological constraints on ice properties at Dome C, Antarctica, from horizontal to vertical spectral ratios. <i>Antarctic Science</i> , 2010, 22, 572-579.	0.5	13
26	Toward False Event Detection and Quarry Blast versus Earthquake Discrimination in an Operational Setting Using Semiautomated Machine Learning. <i>Seismological Research Letters</i> , 2021, 92, 3725-3742.	0.8	9
27	Seismic attenuation in the eastern Australian and Antarctic plates, from multiple ScS waves. <i>Geophysical Journal International</i> , 2012, 190, 569-579.	1.0	4
28	Vertical seismic profiling using double-beamforming processing of nonuniform anthropogenic seismic noise: The case study of Rittershoffen, Upper Rhine Graben, France. <i>Geophysics</i> , 2017, 82, B209-B217.	1.4	4
29	Rayleigh wave group velocity dispersion tomography of West Africa using regional earthquakes and ambient seismic noise. <i>Journal of Seismology</i> , 2019, 23, 1201-1221.	0.6	4
30	Characteristic atmosphere-ocean-solid earth interactions in the Antarctic coastal and marine environment inferred from seismic and infrasound recording at Syowa Station, East Antarctica. <i>Geological Society Special Publication</i> , 2013, 381, 469-480.	0.8	3
31	Analysis of tomographic models using resolution and uncertainties: a surface wave example from the Pacific. <i>Geophysical Journal International</i> , 2022, 230, 893-907.	1.0	3
32	The Aftershock Sequence of the 2010Mw6.3 Rigan Earthquake in Southeast Iran: Further Evidence of a Hidden Fault in the Southern Lut Block. <i>Bulletin of the Seismological Society of America</i> , 2015, 105, 3114-3120.	1.1	0
33	Concordia, Antarctica, seismic experiment for the International Polar Year (CASE-IPY). <i>Annals of Geophysics</i> , 2014, 57, .	0.5	0