

Eric Larose

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,006
citations

840728

11
h-index

996954

15
g-index

31
all docs

31
docs citations

31
times ranked

1020
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in resonance frequency of rock columns due to thermoelastic effects on a daily scale: observations, modelling and insights to improve monitoring systems. <i>Geophysical Journal International</i> , 2022, 231, 894-906.	2.4	5
2	Modal sensitivity of rock glaciers to elastic changes from spectral seismic noise monitoring and modeling. <i>Cryosphere</i> , 2021, 15, 501-529.	3.9	3
3	Landslide monitoring using seismic ambient noise correlation: challenges and applications. <i>Earth-Science Reviews</i> , 2021, 216, 103518.	9.1	46
4	Effect of snowfall on changes in relative seismic velocity measured by ambient noise correlation. <i>Cryosphere</i> , 2021, 15, 5805-5817.	3.9	4
5	Effect of centimetric freezing of the near subsurface on Rayleigh and Love wave velocity in ambient seismic noise correlations. <i>Geophysical Journal International</i> , 2020, 224, 626-636.	2.4	9
6	Seismic monitoring in the Gugla rock glacier (Switzerland): ambient noise correlation, microseismicity and modelling. <i>Geophysical Journal International</i> , 2020, 221, 1719-1735.	2.4	17
7	Rain and small earthquakes maintain a slow-moving landslide in a persistent critical state. <i>Nature Communications</i> , 2020, 11, 780.	12.8	84
8	Towards a standard typology of endogenous landslide seismic sources. <i>Earth Surface Dynamics</i> , 2018, 6, 1059-1088.	2.4	35
9	Landslide monitoring in southern Peru: SEG Geoscientists Without Borders® project. , 2017, , .		2
10	Environmental seismology: What can we learn on earth surface processes with ambient noise?. <i>Journal of Applied Geophysics</i> , 2015, 116, 62-74.	2.1	131
11	Extracting Earth's Elastic Wave Response from Noise Measurements. <i>Annual Review of Earth and Planetary Sciences</i> , 2013, 41, 183-206.	11.0	69
12	Depth sensitivity of seismic coda waves to velocity perturbations in an elastic heterogeneous medium. <i>Geophysical Journal International</i> , 2013, 194, 372-382.	2.4	136
13	Ambient seismic noise monitoring of a clay landslide: Toward failure prediction. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	152
14	Slip acceleration generates seismic tremor like signals in friction experiments. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	25
15	On the precision of noise correlation interferometry. <i>Geophysical Journal International</i> , 2011, 185, 1384-1392.	2.4	80
16	Stability of monitoring weak changes in multiply scattering media with ambient noise correlation: Laboratory experiments. <i>Journal of the Acoustical Society of America</i> , 2009, 125, 3688-3695.	1.1	204