

# Eric Larose

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1606615/publications.pdf>

Version: 2024-02-01

16  
papers

1,006  
citations

840585

11  
h-index

996849

15  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1020  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	0.5	204
2	Ambient seismic noise monitoring of a clay landslide: Toward failure prediction. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	152
3	Depth sensitivity of seismic coda waves to velocity perturbations in an elastic heterogeneous medium. <i>Geophysical Journal International</i> , 2013, 194, 372-382.	1.0	136
4	Environmental seismology: What can we learn on earth surface processes with ambient noise?. <i>Journal of Applied Geophysics</i> , 2015, 116, 62-74.	0.9	131
5	Rain and small earthquakes maintain a slow-moving landslide in a persistent critical state. <i>Nature Communications</i> , 2020, 11, 780.	5.8	84
6	On the precision of noise correlation interferometry. <i>Geophysical Journal International</i> , 2011, 185, 1384-1392.	1.0	80
7	Extracting Earth's Elastic Wave Response from Noise Measurements. <i>Annual Review of Earth and Planetary Sciences</i> , 2013, 41, 183-206.	4.6	69
8	Landslide monitoring using seismic ambient noise correlation: challenges and applications. <i>Earth-Science Reviews</i> , 2021, 216, 103518.	4.0	46
9	Towards a standard typology of endogenous landslide seismic sources. <i>Earth Surface Dynamics</i> , 2018, 6, 1059-1088.	1.0	35
10	Slip acceleration generates seismic tremor like signals in friction experiments. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	25
11	Seismic monitoring in the Gugla rock glacier (Switzerland): ambient noise correlation, microseismicity and modelling. <i>Geophysical Journal International</i> , 2020, 221, 1719-1735.	1.0	17
12	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.	1.0	9
13	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.	1.0	5
14	Effect of snowfall on changes in relative seismic velocity measured by ambient noise correlation. <i>Cryosphere</i> , 2021, 15, 5805-5817.	1.5	4
15	Modal sensitivity of rock glaciers to elastic changes from spectral seismic noise monitoring and modeling. <i>Cryosphere</i> , 2021, 15, 501-529.	1.5	3
16	Landslide monitoring in southern Peru: SEG Geoscientists Without Borders® project. , 2017, , .		2