

# Jacqueline Caplan-Auerbach

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8730025/publications.pdf>

Version: 2024-02-01

16  
papers

502  
citations

759233

12  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

713  
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights into rock-ice avalanche dynamics by combined analysis of seismic recordings and a numerical avalanche model. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	101
2	Seismic constraints on caldera dynamics from the 2015 Axial Seamount eruption. <i>Science</i> , 2016, 354, 1395-1399.	12.6	84
3	Hydroacoustic detection of submarine landslides on Kilauea Volcano. <i>Geophysical Research Letters</i> , 2001, 28, 1811-1813.	4.0	60
4	Precursory seismicity associated with frequent, large ice avalanches on Iliamna volcano, Alaska, USA. <i>Journal of Glaciology</i> , 2007, 53, 128-140.	2.2	52
5	Recent Extreme Avalanches: Triggered by Climate Change?. <i>Eos</i> , 2008, 89, 469-470.	0.1	35
6	Hydroacoustic investigation of submarine landslides at West Mata volcano, Lau Basin. <i>Geophysical Research Letters</i> , 2014, 41, 5927-5934.	4.0	30
7	Seismicity and Velocity Structure of Loihi Seamount from the 1996 Earthquake Swarm. <i>Bulletin of the Seismological Society of America</i> , 2001, 91, 178-190.	2.3	26
8	Explosive processes during the 2015 eruption of Axial Seamount, as recorded by seafloor hydrophones. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1761-1774.	2.5	26
9	Long-term explosive degassing and debris flow activity at West Mata submarine volcano. <i>Geophysical Research Letters</i> , 2015, 42, 1480-1487.	4.0	25
10	Magma at depth: a retrospective analysis of the 1975 unrest at Mount Baker, Washington, USA. <i>Bulletin of Volcanology</i> , 2011, 73, 175-189.	3.0	20
11	Seismic and acoustic signals detected at Lo'ihi Seamount by the Hawai'i Undersea Geo-Observatory. <i>Geochemistry, Geophysics, Geosystems</i> , 2001, 2, n/a-n/a.	2.5	17
12	A pulsed-air model of blue whale B call vocalizations. <i>Scientific Reports</i> , 2017, 7, 9122.	3.3	13
13	An OBS Array to Investigate Offshore Seismicity during the 2018 Kilauea Eruption. <i>Seismological Research Letters</i> , 2021, 92, 603-612.	1.9	6
14	Seismicity and Velocity Structure of Lo'ihi Submarine Volcano and Southeastern Hawai'i. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 11380-11393.	3.4	5
15	An Improved Earthquake Catalog During the 2018 Kilauea Eruption From Combined Onshore and Offshore Seismic Arrays. <i>Earth and Space Science</i> , 2022, 9, .	2.6	2
16	Every Equation Tells a Story: Using Equation Dictionaries in Introductory Geophysics. <i>Journal of Geoscience Education</i> , 2009, 57, 348-355.	1.4	0