

Rebecca M Harrington

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,299
citations

471509

17
h-index

361022

35
g-index

56
all docs

56
docs citations

56
times ranked

1016
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydraulic Fracturing and Seismicity in the Western Canada Sedimentary Basin. <i>Seismological Research Letters</i> , 2016, 87, 631-647.	1.9	329
2	Poroelastic stress triggering of the December 2013 Crooked Lake, Alberta, induced seismicity sequence. <i>Geophysical Research Letters</i> , 2016, 43, 8482-8491.	4.0	121
3	Volcanic hybrid earthquakes that are brittle-failure events. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	90
4	Discriminating induced seismicity from natural earthquakes using moment tensors and source spectra. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 972-993.	3.4	90
5	Stress drop estimates and hypocenter relocations of induced seismicity near Crooked Lake, Alberta. <i>Geophysical Research Letters</i> , 2016, 43, 6942-6951.	4.0	56
6	Source Duration Scales with Magnitude Differently for Earthquakes on the San Andreas Fault and on Secondary Faults in Parkfield, California. <i>Bulletin of the Seismological Society of America</i> , 2009, 99, 2323-2334.	2.3	44
7	Stress Chatter via Fluid Flow and Fault Slip in a Hydraulic Fracturing-Induced Earthquake Sequence in the Montney Formation, British Columbia. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087254.	4.0	44
8	Induced Seismicity Driven by Fluid Diffusion Revealed by a Near-Field Hydraulic Stimulation Monitoring Array in the Montney Basin, British Columbia. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 4694-4709.	3.4	42
9	The Absence of Remotely Triggered Seismicity in Japan. <i>Bulletin of the Seismological Society of America</i> , 2006, 96, 871-878.	2.3	41
10	Isolated cases of remote dynamic triggering in Canada detected using cataloged earthquakes combined with a matched-filter approach. <i>Geophysical Research Letters</i> , 2015, 42, 5187-5196.	4.0	35
11	Subduction megathrust heterogeneity characterized from 3D seismic data. <i>Nature Geoscience</i> , 2020, 13, 369-374.	12.9	32
12	A Study on the Largest Hydraulic-Fracturing-Induced Earthquake in Canada: Observations and Static Stress-Drop Estimation. <i>Bulletin of the Seismological Society of America</i> , 2020, 110, 2283-2294.	2.3	30
13	Induced Earthquake Families Reveal Distinctive Evolutionary Patterns Near Disposal Wells. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 8045-8055.	3.4	27
14	Well Proximity Governing Stress Drop Variation and Seismic Attenuation Associated With Hydraulic Fracturing Induced Earthquakes. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB020103.	3.4	23
15	Remote Dynamic Triggering of Earthquakes in Three Unconventional Canadian Hydrocarbon Regions Based on a Multiple-Station Matched-Filter Approach. <i>Bulletin of the Seismological Society of America</i> , 2019, 109, 372-386.	2.3	22
16	Fluid-injection-induced earthquakes characterized by hybrid-frequency waveforms manifest the transition from aseismic to seismic slip. <i>Nature Communications</i> , 2021, 12, 6862.	12.8	22
17	Earthquake Stress Drop in the Charlevoix Seismic Zone, Eastern Canada. <i>Geophysical Research Letters</i> , 2018, 45, 12,226.	4.0	20
18	High-Resolution Imaging of Hydraulic-Fracturing-Induced Earthquake Clusters in the Dawson-Septimus Area, Northeast British Columbia, Canada. <i>Seismological Research Letters</i> , 2020, 91, 2744-2756.	1.9	20

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19	A Study on the Largest Hydraulic Fracturing Induced Earthquake in Canada: Numerical Modeling and Triggering Mechanism. <i>Bulletin of the Seismological Society of America</i> , 2021, 111, 1392-1404.	2.3	20
20	3-DP- and S-wave velocity structure and low-frequency earthquake locations in the Parkfield, California region. <i>Geophysical Journal International</i> , 2016, 206, 1574-1585.	2.4	19
21	Delayed Dynamic Triggering of Disposal-Induced Earthquakes Observed by a Dense Array in Northern Oklahoma. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 3766-3781.	3.4	18
22	Minimal Clustering of Injection-Induced Earthquakes Observed with a Large-n Seismic Array. <i>Bulletin of the Seismological Society of America</i> , 2020, 110, 2005-2017.	2.3	18
23	Self-similar rupture implied by scaling properties of volcanic earthquakes occurring during the 2004-2008 eruption of Mount St. Helens, Washington. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 4966-4982.	3.4	17
24	Seismicity along St. Lawrence Paleorift Faults Overprinted by a Meteorite Impact Structure in Charlevoix, Québec, Eastern Canada. <i>Bulletin of the Seismological Society of America</i> , 2016, 106, 2663-2673.	2.3	16
25	Using a Large-n Seismic Array to Explore the Robustness of Spectral Estimations. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089342.	4.0	16
26	The Large-n Seismic Survey in Oklahoma (LASSO) Experiment. <i>Seismological Research Letters</i> , 0, , .	1.9	14
27	Fluid-Earthquake and Earthquake-Earthquake Interactions in Southern Kansas, USA. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020384.	3.4	14
28	Analysis of laboratory simulations of volcanic hybrid earthquakes using empirical Green's functions. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	12
29	Spatio-Temporal Evolution of Earthquake Static Stress Drop Values in the 2016-2017 Central Italy Seismic Sequence. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022566.	3.4	10
30	Complex 3D Migration and Delayed Triggering of Hydraulic Fracturing-Induced Seismicity: A Case Study Near Fox Creek, Alberta. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	10
31	Semiautomated tremor detection using a combined cross-correlation and neural network approach. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 4827-4846.	3.4	6
32	Using a modified time-reverse imaging technique to locate low-frequency earthquakes on the San Andreas Fault near Cholame, California. <i>Geophysical Journal International</i> , 2015, 203, 1207-1226.	2.4	5
33	Does Deep Tectonic Tremor Occur in the Central-Eastern Mediterranean Basin?. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, 2020JB020448.	3.4	4
34	Source Properties of Hydraulic-Fracturing-Induced Earthquakes in the Kiskatinaw Area, British Columbia, Canada. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	3.4	4
35	Crustal Velocity Variations and Constraints on Material Properties in the Charlevoix Seismic Zone, Eastern Canada. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020918.	3.4	3
36	Along-Strike Variations in Fault Frictional Properties along the San Andreas Fault near Cholame, California, from Joint Earthquake and Low-Frequency Earthquake Relocations. <i>Bulletin of the Seismological Society of America</i> , 2016, 106, 319-326.	2.3	2