Rebecca M Harrington

List of Publications by Year
in descending order

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	Complex 3D Migration and Delayed Triggering of Hydraulic Fracturingâ€Induced Seismicity: A Case Study Near Fox Creek, Alberta. Geophysical Research Letters, 2022, 49, .	4.0	10
2	Source Properties of Hydraulicâ€Fracturingâ€Induced Earthquakes in the Kiskatinaw Area, British Columbia, Canada. Journal of Geophysical Research: Solid Earth, 2022, 127, .	3.4	4
3	Does Deep Tectonic Tremor Occur in the Centralâ€Eastern Mediterranean Basin?. Journal of Geophysical Research: Solid Earth, 2021, 126, 2020JB020448.	3.4	4
4	A Study on the Largest Hydraulic Fracturing Induced Earthquake in Canada: Numerical Modeling and Triggering Mechanism. Bulletin of the Seismological Society of America, 2021, 111, 1392-1404.	2.3	20
5	Fluidâ€Earthquake and Earthquakeâ€Earthquake Interactions in Southern Kansas, USA. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB020384.	3.4	14
6	Crustal Velocity Variations and Constraints on Material Properties in the Charlevoix Seismic Zone, Eastern Canada. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB020918.	3.4	3
7	Spatioâ€Temporal Evolution of Earthquake Static Stress Drop Values in the 2016â€“2017 Central Italy Seismic Sequence. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB022566.	3.4	10
8	Fluid-injection-induced earthquakes characterized by hybrid-frequency waveforms manifest the transition from aseismic to seismic slip. Nature Communications, 2021, 12, 6862.	12.8	22
9	High-Resolution Imaging of Hydraulic-Fracturing-Induced Earthquake Clusters in the Dawson-Septimus Area, Northeast British Columbia, Canada. Seismological Research Letters, 2020, 91, 2744-2756.	1.9	20
10	Well Proximity Governing Stress Drop Variation and Seismic Attenuation Associated With Hydraulic Fracturing Induced Earthquakes. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB020103.	3.4	23
11	Using a Largeâ€n Seismic Array to Explore the Robustness of Spectral Estimations. Geophysical Research Letters, 2020, 47, e2020GL089342.	4.0	16
12	Minimal Clustering of Injection-Induced Earthquakes Observed with a Large-n Seismic Array. Bulletin of the Seismological Society of America, 2020, 110, 2005-2017.	2.3	18
13	A Study on the Largest Hydraulic-Fracturing-Induced Earthquake in Canada: Observations and Static Stress-Drop Estimation. Bulletin of the Seismological Society of America, 2020, 110, 2283-2294.	2.3	30
14	Stress Chatter via Fluid Flow and Fault Slip in a Hydraulic Fracturingâ€Induced Earthquake Sequence in the Montney Formation, British Columbia. Geophysical Research Letters, 2020, 47, e2020GL087254.	4.0	44
15	Subduction megathrust heterogeneity characterized from 3D seismic data. Nature Geoscience, 2020, 13, 369-374.	12.9	32
16	Remote Dynamic Triggering of Earthquakes in Three Unconventional Canadian Hydrocarbon Regions Based on a Multipleâ€Station Matchedâ€Filter Approach. Bulletin of the Seismological Society of America, 2019, 109, 372-386.	2.3	22
17	Delayed Dynamic Triggering of Disposalâ€Induced Earthquakes Observed by a Dense Array in Northern Oklahoma. Journal of Geophysical Research: Solid Earth, 2019, 124, 3766-3781.	3.4	18
18	Induced Seismicity Driven by Fluid Diffusion Revealed by a Nearâ€Field Hydraulic Stimulation Monitoring Array in the Montney Basin, British Columbia. Journal of Geophysical Research: Solid Earth, 2019, 124, 4694-4709.	3.4	42

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19	Earthquake Stress Drop in the Charlevoix Seismic Zone, Eastern Canada. Geophysical Research Letters, 2018, 45, 12,226.	4.0	20
20	Induced Earthquake Families Reveal Distinctive Evolutionary Patterns Near Disposal Wells. Journal of Geophysical Research: Solid Earth, 2018, 123, 8045-8055.	3.4	27
21	Hydraulic Fracturing and Seismicity in the Western Canada Sedimentary Basin. Seismological Research Letters, 2016, 87, 631-647.	1.9	329
22	Seismicity along St. Lawrence Paleorift Faults Overprinted by a Meteorite Impact Structure in Charlevoix, QuÃ©bec, Eastern Canada. Bulletin of the Seismological Society of America, 2016, 106, 2663-2673.	2.3	16
23	Poroelastic stress triggering of the December 2013 Crooked Lake, Alberta, induced seismicity sequence. Geophysical Research Letters, 2016, 43, 8482-8491.	4.0	121
24	3-DP- andS-wave velocity structure and low-frequency earthquake locations in the Parkfield, California region. Geophysical Journal International, 2016, 206, 1574-1585.	2.4	19
25	Discriminating induced seismicity from natural earthquakes using moment tensors and source spectra. Journal of Geophysical Research: Solid Earth, 2016, 121, 972-993.	3.4	90
26	Stress drop estimates and hypocenter relocations of induced seismicity near Crooked Lake, Alberta. Geophysical Research Letters, 2016, 43, 6942-6951.	4.0	56
27	Alongâ€Strike Variations in Fault Frictional Properties along the San Andreas Fault near Cholame, California, from Joint Earthquake and Lowâ€Frequency Earthquake Relocations. Bulletin of the Seismological Society of America, 2016, 106, 319-326.	2.3	2
28	Isolated cases of remote dynamic triggering in Canada detected using cataloged earthquakes combined with a matchedâ€filter approach. Geophysical Research Letters, 2015, 42, 5187-5196.	4.0	35
29	Selfâ€similar rupture implied by scaling properties of volcanic earthquakes occurring during the 2004â€2008 eruption of Mount St. Helens, Washington. Journal of Geophysical Research: Solid Earth, 2015, 120, 4966-4982.	3.4	17
30	Using a modified time-reverse imaging technique to locate low-frequency earthquakes on the San Andreas Fault near Cholame, California. Geophysical Journal International, 2015, 203, 1207-1226.	2.4	5
31	Semiautomated tremor detection using a combined crossâ€correlation and neural network approach. Journal of Geophysical Research: Solid Earth, 2013, 118, 4827-4846.	3.4	6
32	Analysis of laboratory simulations of volcanic hybrid earthquakes using empirical Green's functions. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	12
33	Source Duration Scales with Magnitude Differently for Earthquakes on the San Andreas Fault and on Secondary Faults in Parkfield, California. Bulletin of the Seismological Society of America, 2009, 99, 2323-2334.	2.3	44
34	Volcanic hybrid earthquakes that are brittle-failure events. Geophysical Research Letters, 2007, 34, .	4.0	90
35	The Absence of Remotely Triggered Seismicity in Japan. Bulletin of the Seismological Society of America, 2006, 96, 871-878.	2.3	41
36	The LArgeâ€n Seismic Survey in Oklahoma (LASSO) Experiment. Seismological Research Letters, 0, , .	1.9	14