

Robert J Skoumal

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

940
citations

840776

11
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

689
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydraulic Fracturing-Induced Seismicity. <i>Reviews of Geophysics</i> , 2020, 58, e2019RG000695.	23.0	202
2	Earthquakes Induced by Hydraulic Fracturing in Poland Township, Ohio. <i>Bulletin of the Seismological Society of America</i> , 2015, 105, 189-197.	2.3	182
3	Optimizing multi-station earthquake template matching through re-examination of the Youngstown, Ohio, sequence. <i>Earth and Planetary Science Letters</i> , 2014, 405, 274-280.	4.4	102
4	Earthquakes Induced by Hydraulic Fracturing Are Pervasive in Oklahoma. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 10,918.	3.4	81
5	Maturity of nearby faults influences seismic hazard from hydraulic fracturing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1720-E1729.	7.1	60
6	Proximity of Precambrian basement affects the likelihood of induced seismicity in the Appalachian, Illinois, and Williston Basins, central and eastern United States. , 2018, 14, 1365-1379.		59
7	Distinguishing induced seismicity from natural seismicity in Ohio: Demonstrating the utility of waveform template matching. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 6284-6296.	3.4	54
8	Induced Seismicity in the Delaware Basin, Texas. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018558.	3.4	53
9	Hydraulic Fracture Injection Strategy Influences the Probability of Earthquakes in the Eagle Ford Shale Play of South Texas. <i>Geophysical Research Letters</i> , 2019, 46, 12958-12967.	4.0	33
10	An efficient repeating signal detector to investigate earthquake swarms. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 5880-5897.	3.4	30
11	Characterizing Seismogenic Fault Structures in Oklahoma Using a Relocated Template-Matched Catalog. <i>Seismological Research Letters</i> , 0, , .	1.9	26
12	Microseismicity Induced by Deep Wastewater Injection in Southern Trumbull County, Ohio. <i>Seismological Research Letters</i> , 2015, 86, 1326-1334.	1.9	24
13	Temporal patterns of induced seismicity in Oklahoma revealed from multi-station template matching. <i>Journal of Seismology</i> , 2020, 24, 921-935.	1.3	14
14	The Proliferation of Induced Seismicity in the Permian Basin, Texas. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB021921.	3.4	11
15	<i>S/P</i> Amplitude Ratios Derived from Single-Component Seismograms and Their Potential Use in Constraining Focal Mechanisms for Microearthquake Sequences. <i>The Seismic Record</i> , 2022, 2, 118-126.	3.1	8
16	Wastewater Disposal Has Not Significantly Altered the Regional Stress State in Southern Kansas. <i>Seismological Research Letters</i> , 2021, 92, 3516-3525.	1.9	1