

Frantisek Stanek

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

521
citations

1040056

9
h-index

1372567

10
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20
all docs

20
docs citations

20
times ranked

378
citing authors

#	ARTICLE	IF	CITATIONS
1	Joint location and source mechanism inversion of microseismic events: benchmarking on seismicity induced by hydraulic fracturing. <i>Geophysical Journal International</i> , 2014, 198, 249-258.	2.4	105
2	Recent Advances and Challenges of Waveform-Based Seismic Location Methods at Multiple Scales. <i>Reviews of Geophysics</i> , 2020, 58, e2019RG000667.	23.0	105
3	New model explaining inverted source mechanisms of microseismic events induced by hydraulic fracturing. , 2013, , .		65
4	Seismicity Induced by Hydraulic Fracturing in Shales: A Bedding Plane Slip Model. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 7912-7926.	3.4	59
5	Stability of source mechanisms inverted from P-wave amplitude microseismic monitoring data acquired at the surface. <i>Geophysical Prospecting</i> , 2014, 62, 475-490.	1.9	43
6	Semblance for microseismic event detection. <i>Geophysical Journal International</i> , 2015, 201, 1362-1369.	2.4	36
7	Analysis of Microseismicity and Reactivated Fault Size to Assess the Potential for Felt Events by CO ₂ Injection in the Illinois Basin. <i>Bulletin of the Seismological Society of America</i> , 2020, 110, 2188-2204.	2.3	30
8	Near-field strain in distributed acoustic sensing-based microseismic observation. <i>Geophysics</i> , 2021, 86, P49-P60.	2.6	19
9	Imaging microseismic events by diffraction stacking with moment tensor inversion. , 2013, , .		14
10	Fracture Imaging Using DAS-Recorded Microseismic Events. <i>Frontiers in Earth Science</i> , 0, 10, .	1.8	11
11	Problems and challenges in detection of pre-Mesozoic maar volcanoes: example from the Principálek Volcano in the Permian KrkonoÅe Piedmont Basin. <i>Journal of Geosciences (Czech Republic)</i> , 2014, , 169-181.	0.6	10
12	Reservoir stress from microseismic source mechanisms. <i>The Leading Edge</i> , 2015, 34, 890-895.	0.7	10
13	Reservoir characterization using DAS microseismic events. , 2021, , .		6
14	Theoretical assessment of the full_moment_tensor resolvability for receiver arrays used in microseismic monitoring. <i>Acta Geodynamica Et Geomaterialia</i> , 2017, , 233-240.	0.5	3
15	Stress field orientation inverted from source mechanisms of microseismic events induced by hydraulic fracturing and geomechanical interpretation. , 2015, , .		2
16	Microseismic event location using artificial neural networks. , 2021, , .		2
17	Directivity of microseismic events as a tool for interpretation. , 2018, , .		1