

Matthew Weingarten

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

1,500
citations

1163117

8
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

1233
citing authors

#	ARTICLE	IF	CITATIONS
1	Deciphering the Stress State of Seismogenic Faults in Oklahoma and Southern Kansas Based on an Improved Stress Map. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 12920-12934.	3.4	23
2	Geomechanical Sensitivities of Injection-Induced Earthquakes. <i>Geophysical Research Letters</i> , 2018, 45, 8958-8965.	4.0	11
3	The 2016 Mw5.1 Fairview, Oklahoma earthquakes: Evidence for long-range poroelastic triggering at >40 km from fluid disposal wells. <i>Earth and Planetary Science Letters</i> , 2017, 472, 50-61.	4.4	214
4	A Possible Causative Mechanism of Raton Basin, New Mexico and Colorado Earthquakes Using Recent Seismicity Patterns and Pore Pressure Modeling. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 8051-8065.	3.4	25
5	Far-field pressurization likely caused one of the largest injection induced earthquakes by reactivating a large preexisting basement fault structure. <i>Geophysical Research Letters</i> , 2016, 43, 10,198.	4.0	116
6	Induced seismicity: the potential hazard from shale gas development and CO2 geologic storage. <i>Geosciences Journal</i> , 2016, 20, 137-148.	1.2	12
7	High-rate injection is associated with the increase in U.S. mid-continent seismicity. <i>Science</i> , 2015, 348, 1336-1340.	12.6	460
8	Sharp increase in central Oklahoma seismicity since 2008 induced by massive wastewater injection. <i>Science</i> , 2014, 345, 448-451.	12.6	639