

Lei Wang

List of Publications by Year in descending order

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9
papers

153
citations

1683354
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13
all docs

13
docs citations

13
times ranked

90
citing authors

#	ARTICLE	IF	CITATIONS
1	Laboratory Study on Fluid-Induced Fault Slip Behavior: The Role of Fluid Pressurization Rate. Geophysical Research Letters, 2020, 47, e2019GL086627.	1.5	63
2	Injection-Induced Seismic Moment Release and Laboratory Fault Slip: Implications for Fluid-Induced Seismicity. Geophysical Research Letters, 2020, 47, e2020GL089576.	1.5	27
3	Experimental Investigation on Static and Dynamic Bulk Moduli of Dry and Fluid-Saturated Porous Sandstones. Rock Mechanics and Rock Engineering, 2021, 54, 129-148.	2.6	17
4	An Analytical Model for Assessing Stability of Pre-Existing Faults in Caprock Caused by Fluid Injection and Extraction in a Reservoir. Rock Mechanics and Rock Engineering, 2016, 49, 2845-2863.	2.6	13
5	Pressure-dependent bulk compressibility of a porous granular material modeled by improved contact mechanics and micromechanical approaches: Effects of surface roughness of grains. Acta Materialia, 2020, 188, 259-272.	3.8	11
6	An explicit integral solution for pressure build-up during CO ₂ injection into infinite saline aquifers. , 2016, 6, 633-647.		8
7	Comparison of shear-induced gas transmissivity of tensile fractures in sandstone and shale under varying effective normal stresses. Journal of Natural Gas Science and Engineering, 2021, 95, 104218.	2.1	6
8	Laboratory Simulation of Injection-Induced Shear Slip on Saw-Cut Sandstone Fractures under Different Boundary Conditions. Rock Mechanics and Rock Engineering, 2022, 55, 751-771.	2.6	5
9	Assessing the applicability of unsaturated effective stress models to tensile fracturing of sandstone in CO ₂ -water two-phase fluids. , 2016, 6, 670-681.		2