

Cong Lu

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

161
citations

1307594

7
h-index

1125743

13
g-index

19
all docs

19
docs citations

19
times ranked

120
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel method and case study of a deep shale fracability evaluation based on the brittleness index. Energy Exploration and Exploitation, 2022, 40, 442-459.	2.3	4
2	Numerical investigation of unpropped fracture closure process in shale based on 3D simulation of fracture surface. Journal of Petroleum Science and Engineering, 2022, 208, 109299.	4.2	6
3	Experimental study on the effectiveness of using 3D scanning and 3D engraving technology to accurately assess shale fracture conductivity. Journal of Petroleum Science and Engineering, 2022, 208, 109493.	4.2	8
4	Numerical Simulation Study of Proppant Transport in Cross Fractures. , 2022, , .		0
5	A coupled CFD-DEM numerical study of proppant transport in hydraulic fracture and natural fracture. Petroleum Science and Technology, 2022, 40, 2988-3004.	1.5	0
6	Physical simulation of the nonlinear transient flow behavior in closed high-pressure gas reservoirs. Part II: pressure-depleted flow experiments on fractured cores. Geomechanics and Geophysics for Geo-Energy and Geo-Resources, 2022, 8, .	2.9	0
7	Numerical simulation of proppant embedment in rough surfaces based on full reverse reconstruction. Journal of Petroleum Exploration and Production, 2022, 12, 2599-2608.	2.4	3
8	A New Method of Reproducing Rock Samples with Rough Surfaces for Testing Conductivity: A Case Study on Shale Propped Fractures. , 2021, , .		2
9	Influence factors of unpropped fracture conductivity of shale. Energy Science and Engineering, 2020, 8, 2024-2043.	4.0	6
10	A Novel Hydraulic Fracturing Method Based on the Coupled CFD-DEM Numerical Simulation Study. Applied Sciences (Switzerland), 2020, 10, 3027.	2.5	19
11	Stability of the formation interface under the impact of hydraulic fracture propagation in the vicinity of the formation interface. Petroleum Science, 2020, 17, 1101-1118.	4.9	11
12	Predicting the fracture initiation pressure for perforated water injection wells in fossil energy development. International Journal of Hydrogen Energy, 2019, 44, 16257-16270.	7.1	7
13	Experimental Analysis of Proppant Embedment Mechanism. Chemistry and Technology of Fuels and Oils, 2018, 54, 204-210.	0.5	5
14	New study of etching patterns of acid-fracture surfaces and relevant conductivity. Journal of Petroleum Science and Engineering, 2017, 159, 135-147.	4.2	30
15	A new calculation model for the stress field of hydraulic fracture propagation at the formation interface. Environmental Earth Sciences, 2016, 75, 1.	2.7	8
16	Perforation spacing optimization for multi-stage hydraulic fracturing in Xujiahe formation: a tight sandstone formation in Sichuan Basin of China. Environmental Earth Sciences, 2015, 73, 5843-5854.	2.7	20
17	Engineering geological characteristics and the hydraulic fracture propagation mechanism of the sand-shale interbedded formation in the Xu5 reservoir. Journal of Geophysics and Engineering, 2015, 12, 321-339.	1.4	32
18	Computation model of proppant embedment depth based on dimensional analysis. Science in China Series A: Mathematics, 2013, 19, 483-487.	0.2	0

#	ARTICLE	IF	CITATIONS
19	The Study and Application of Massive Hydraulic Fracturing Technique in Y104-6 Well Glutenite Formation. Advanced Materials Research, 0, 734-737, 1498-1502.	0.3	0