

# 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	Engineering geological characteristics and the hydraulic fracture propagation mechanism of the sand-shale interbedded formation in the Xu5 reservoir. <i>Journal of Geophysics and Engineering</i> , 2015, 12, 321-339.	1.4	32
2	New study of etching patterns of acid-fracture surfaces and relevant conductivity. <i>Journal of Petroleum Science and Engineering</i> , 2017, 159, 135-147.	4.2	30
3	Perforation spacing optimization for multi-stage hydraulic fracturing in Xujiahe formation: a tight sandstone formation in Sichuan Basin of China. <i>Environmental Earth Sciences</i> , 2015, 73, 5843-5854.	2.7	20
4	A Novel Hydraulic Fracturing Method Based on the Coupled CFD-DEM Numerical Simulation Study. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3027.	2.5	19
5	Stability of the formation interface under the impact of hydraulic fracture propagation in the vicinity of the formation interface. <i>Petroleum Science</i> , 2020, 17, 1101-1118.	4.9	11
6	A new calculation model for the stress field of hydraulic fracture propagation at the formation interface. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	8
7	Experimental study on the effectiveness of using 3D scanning and 3D engraving technology to accurately assess shale fracture conductivity. <i>Journal of Petroleum Science and Engineering</i> , 2022, 208, 109493.	4.2	8
8	Predicting the fracture initiation pressure for perforated water injection wells in fossil energy development. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 16257-16270.	7.1	7
9	Influence factors of unpropped fracture conductivity of shale. <i>Energy Science and Engineering</i> , 2020, 8, 2024-2043.	4.0	6
10	Numerical investigation of unpropped fracture closure process in shale based on 3D simulation of fracture surface. <i>Journal of Petroleum Science and Engineering</i> , 2022, 208, 109299.	4.2	6
11	Experimental Analysis of Proppant Embedment Mechanism. <i>Chemistry and Technology of Fuels and Oils</i> , 2018, 54, 204-210.	0.5	5
12	Novel method and case study of a deep shale fracability evaluation based on the brittleness index. <i>Energy Exploration and Exploitation</i> , 2022, 40, 442-459.	2.3	4
13	Numerical simulation of proppant embedment in rough surfaces based on full reverse reconstruction. <i>Journal of Petroleum Exploration and Production</i> , 2022, 12, 2599-2608.	2.4	3
14	A New Method of Reproducing Rock Samples with Rough Surfaces for Testing Conductivity: A Case Study on Shale Propped Fractures. , 2021, , .		2
15	Computation model of proppant embedment depth based on dimensional analysis. <i>Science in China Series A: Mathematics</i> , 2013, 19, 483-487.	0.2	0
16	The Study and Application of Massive Hydraulic Fracturing Technique in Y104-6 Well Glutenite Formation. <i>Advanced Materials Research</i> , 0, 734-737, 1498-1502.	0.3	0
17	Numerical Simulation Study of Proppant Transport in Cross Fractures. , 2022, , .		0
18	A coupled CFD-DEM numerical study of proppant transport in hydraulic fracture and natural fracture. <i>Petroleum Science and Technology</i> , 2022, 40, 2988-3004.	1.5	0

#	ARTICLE	IF	CITATIONS
19	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