

# Zhifeng Luo

## List of Publications by Year in descending order

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16  
papers

144  
citations

1478505

6  
h-index

1281871

11  
g-index

16  
all docs

16  
docs citations

16  
times ranked

70  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction of a hydraulic fracture with a hole in poroelasticity medium based on extended finite element method. <i>Engineering Analysis With Boundary Elements</i> , 2020, 115, 108-119.	3.7	21
2	An extended finite element method for the prediction of acid-etched fracture propagation behavior in fractured-vuggy carbonate reservoirs. <i>Journal of Petroleum Science and Engineering</i> , 2020, 191, 107170.	4.2	20
3	Evaluating the oil production and wastewater treatment efficiency by an extended two-stage network structure model with feedback variables. <i>Journal of Environmental Management</i> , 2019, 251, 109578.	7.8	18
4	Thermo-responsive temporary plugging agent based on multiphase transitional supramolecular gel. <i>Petroleum Chemistry</i> , 2018, 58, 94-101.	1.4	14
5	Innovative Encapsulating Acid with Release Dually Controlled by the Concentration of Hydrogen Ions and Temperature. <i>Energy &amp; Fuels</i> , 2019, 33, 4976-4985.	5.1	12
6	Numerical evaluation of shear and tensile stimulation volumes based on natural fracture failure mechanism in tight and shale reservoirs. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	2.7	12
7	A chelating agent system for the removal of barium sulfate scale. <i>Journal of Petroleum Exploration and Production</i> , 2020, 10, 3069-3079.	2.4	8
8	Transient temperature–pressure field model of supercritical CO <sub>2</sub> fracturing wellbore with tubing and annulus co-injection. , 2022, 12, 85-102.		7
9	Preparation and characterization of a self-suspending ultra-low density proppant. <i>RSC Advances</i> , 2021, 11, 33083-33092.	3.6	7
10	Gas Seepage Rule and Productivity Analysis in Designing Coalbed Methane Wells. <i>Chemistry and Technology of Fuels and Oils</i> , 2015, 50, 516-524.	0.5	6
11	Large-Scale Acid Fracturing Based on a Large-Scale Conductivity Apparatus. <i>ACS Omega</i> , 2021, 6, 6559-6570.	3.5	6
12	Hydraulic, acid, and proppant-carrying acid fracturing stimulation of volcanic reservoirs in Sichuan Basin, China: an experimental study. <i>Petroleum Science and Technology</i> , 2023, 41, 731-749.	1.5	6
13	Coupled temperature–pressure model of fracture for phase state prediction in supercritical carbon dioxide fracturing. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2022, 44, 3866-3882.	2.3	3
14	Numerical simulation and analysis of complex fracture propagation during SC-CO <sub>2</sub> fracturing using a thermal-hydro-mechanical coupling model. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 861, 032013.	0.3	2
15	A model and interpretation method of pressure decline for acid fracturing. , 2012, , .		1
16	Chemical Proppant Generated in the Fracture from the Novel Fracturing Fluid System. , 2020, , .		1