

Liangbin Dou

List of Publications by Year in descending order

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15
papers

148
citations

1478505

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h-index

1199594

12
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all docs

15
docs citations

15
times ranked

105
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Method of Quantitatively Evaluating Fracability of Tight Sandstone Reservoirs Using Geomechanics Characteristics and In Situ Stress Field. Processes, 2022, 10, 1040.	2.8	2
2	Wettability control on imbibition behavior of oil and water in porous media. Physics of Fluids, 2022, 34, .	4.0	9
3	Study on the Effect of High-Temperature Heat Treatment on the Microscopic Pore Structure and Mechanical Properties of Tight Sandstone. Geofluids, 2021, 2021, 1-13.	0.7	5
4	The study of enhanced displacement efficiency in tight sandstone from the combination of spontaneous and dynamic imbibition. Journal of Petroleum Science and Engineering, 2021, 199, 108327.	4.2	31
5	Wellbore Fracture Mode and Fracture Pressure Drilled in Depleted Reservoir. Geofluids, 2021, 2021, 1-12.	0.7	0
6	Effect of adsorption phase and matrix deformation on methane adsorption isotherm of Fuling shale. Journal of Natural Gas Science and Engineering, 2021, 95, 104018.	4.4	10
7	Transient two-phase flow behavior in wellbores and well control analysis for sour gas kick with high H ₂ S content. Engineering Applications of Computational Fluid Mechanics, 2021, 15, 656-671.	3.1	3
8	Structure parameter optimization and bearing limit analysis of the expansion unit of three-roller tube expander. Royal Society Open Science, 2020, 7, 191630.	2.4	0
9	Characterization of the Dynamic Imbibition Displacement Mechanism in Tight Sandstone Reservoirs Using the NMR Technique. Geofluids, 2020, 2020, 1-12.	0.7	9
10	Transient flow in wellbores and phase transition of CO ₂ during formation supercritical CO ₂ invasion. Energy Science and Engineering, 2019, 7, 323-337.	4.0	5
11	Quantitative study on the stress sensitivity of pores in tight sandstone reservoirs of Ordos basin using NMR technique. Journal of Petroleum Science and Engineering, 2019, 172, 401-410.	4.2	57
12	Optimization design and rock-breaking characteristics analysis of a self-propelled swirling multi-jet bit. Energy Science and Engineering, 2018, 6, 716-726.	4.0	2
13	Research on structure design and flow field characteristics of the novel jet bit for radial horizontal drilling. Energy Science and Engineering, 2018, 6, 535-547.	4.0	7
14	Study on the wellbore flow and phase transition during formation H ₂ S invasion. International Journal of Oil, Gas and Coal Technology, 2013, 6, 658.	0.2	2
15	Study on the Well Control Safety During Formation High-Sulfur Gas Invasion. , 2012, , .		6