

Pengcheng Liu

List of Publications by Year in descending order

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papers

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131
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#	ARTICLE	IF	CITATIONS
1	Pressure transient analysis of non-planar asymmetric fractures connected to vertical wellbores in hydrocarbon reservoirs. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 18146-18155.	7.1	30
2	Experimental Study of Rheological Properties and Oil Displacement Efficiency in Oilfields for a Synthetic Hydrophobically Modified Polymer. <i>Scientific Reports</i> , 2017, 7, 8791.	3.3	22
3	Development and Research Status of Heavy Oil Enhanced Oil Recovery. <i>Geofluids</i> , 2022, 2022, 1-13.	0.7	16
4	Experimental Study of Key Effect Factors and Simulation on Oil Displacement Efficiency for a Novel Modified Polymer BD-HMHEC. <i>Scientific Reports</i> , 2018, 8, 3860.	3.3	15
5	A new combined solution model to predict water cut in water flooding hydrocarbon reservoirs. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 18685-18690.	7.1	14
6	A new mathematical model and experimental validation on foamy-oil flow in developing heavy oil reservoirs. <i>Scientific Reports</i> , 2017, 7, 8534.	3.3	10
7	Derivation and application of mathematical model for well test analysis with variable skin factor in hydrocarbon reservoirs. <i>AIP Advances</i> , 2016, 6, 065324.	1.3	9
8	A novel method for calculating the dynamic capillary force and correcting the pressure error in micro-tube experiment. <i>Scientific Reports</i> , 2017, 7, 16590.	3.3	9
9	Experimental study on blocking mechanism of nitrogen foam for enhancing oil recovery in heavy oil reservoirs. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2018, 40, 1947-1955.	2.3	9
10	Effects of discrete dynamic-conductivity fractures on the transient pressure of a vertical well in a closed rectangular reservoir. <i>Scientific Reports</i> , 2017, 7, 15537.	3.3	8
11	Transient Flow of a Horizontal Well with Multiple Fracture Wings in Coalbed Methane Reservoirs. <i>Energies</i> , 2020, 13, 1498.	3.1	7
12	Experimental Investigation and Numerical Simulation of Dynamic Characteristics for Multithermal Fluid-Assisted SAGD in Extraheavy Oil Reservoir. <i>Lithosphere</i> , 2021, 2021, .	1.4	2
13	Study of Displacement Characteristics of Fire Flooding in Different Viscosity Heavy Oil Reservoirs. <i>Geofluids</i> , 2021, 2021, 1-8.	0.7	2
14	Numerical Simulation Study on Fracture Parameter Optimization in Developing Low-Permeability Anisotropic Reservoirs. <i>Geofluids</i> , 2018, 2018, 1-9.	0.7	1
15	Simulation and Optimization of Dynamic Fracture Parameters for an Inverted Square Nine-Spot Well Pattern in Tight Fractured Oil Reservoirs. <i>Geofluids</i> , 2020, 2020, 1-9.	0.7	1
16	A Novel Dynamic Splitting Method for Production Based on Material Balance Theory and Catastrophe Theory in Tight Gas Reservoirs. <i>Geofluids</i> , 2021, 2021, 1-11.	0.7	1
17	Theoretical Study and Application of Rate Transient Analysis on Complex Fractured-Caved Carbonate Reservoirs. <i>Geofluids</i> , 2021, 2021, 1-15.	0.7	1
18	Simulation and Production Optimization on Enhanced Oil Recovery during the Middle and Late Period for SAGD Development in Ultraheavy Oil Reservoirs with Interlayers. <i>Geofluids</i> , 2022, 2022, 1-16.	0.7	1

#	ARTICLE	IF	CITATIONS
19	Modeling and analyzing gas supply characteristics and development mode in sweet spots of Sulige tight gas reservoir, Ordos Basin, China. Energy Exploration and Exploitation, 2018, 36, 895-909.	2.3	0
20	Characteristics and quantitative study on gas breakthrough in developing Yaha-2 condensate gas reservoir in Tarim Basin, China. Energy Exploration and Exploitation, 2018, 36, 787-800.	2.3	0
21	A Prediction Method for Flow-Stop Time in Deep-Water Volatile Oilfields: A Case Study of Akpo Oilfield in Niger Delta Basin. Geofluids, 2021, 2021, 1-14.	0.7	0
22	Analytical Solution and Simulation of Oil Deliverability Analysis for Reorientation Hydraulic Fracture in Low-Permeability Reservoirs. Geofluids, 2021, 2021, 1-11.	0.7	0
23	A Novel Mathematical Model for Fracturing Effect Evaluation Based on Early Flowback Data in Shale Oil Reservoirs. Geofluids, 2021, 2021, 1-14.	0.7	0