

Pengcheng Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4359789/publications.pdf>

Version: 2024-02-01

23
papers

158
citations

1040056

9
h-index

1125743

13
g-index

23
all docs

23
docs citations

23
times ranked

131
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Development and Research Status of Heavy Oil Enhanced Oil Recovery. <i>Geofluids</i> , 2022, 2022, 1-13.	0.7	16
3	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
4	A Prediction Method for Flow-Stop Time in Deep-Water Volatile Oilfields: A Case Study of Akpo Oilfield in Niger Delta Basin. <i>Geofluids</i> , 2021, 2021, 1-14.	0.7	0
5	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
6	Analytical Solution and Simulation of Oil Deliverability Analysis for Reorientation Hydraulic Fracture in Low-Permeability Reservoirs. <i>Geofluids</i> , 2021, 2021, 1-11.	0.7	0
7	Theoretical Study and Application of Rate Transient Analysis on Complex Fractured-Caved Carbonate Reservoirs. <i>Geofluids</i> , 2021, 2021, 1-15.	0.7	1
8	Study of Displacement Characteristics of Fire Flooding in Different Viscosity Heavy Oil Reservoirs. <i>Geofluids</i> , 2021, 2021, 1-8.	0.7	2
9	A Novel Mathematical Model for Fracturing Effect Evaluation Based on Early Flowback Data in Shale Oil Reservoirs. <i>Geofluids</i> , 2021, 2021, 1-14.	0.7	0
10	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
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 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
13	Numerical Simulation Study on Fracture Parameter Optimization in Developing Low-Permeability Anisotropic Reservoirs. <i>Geofluids</i> , 2018, 2018, 1-9.	0.7	1
14	Modeling and analyzing gas supply characteristics and development mode in sweet spots of Sulige tight gas reservoir, Ordos Basin, China. <i>Energy Exploration and Exploitation</i> , 2018, 36, 895-909.	2.3	0
15	Characteristics and quantitative study on gas breakthrough in developing Yaha-2 condensate gas reservoir in Tarim Basin, China. <i>Energy Exploration and Exploitation</i> , 2018, 36, 787-800.	2.3	0
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	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
23	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