

Zhan Meng

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

364
citations

933447

10
h-index

839539

18
g-index

23
all docs

23
docs citations

23
times ranked

325
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Study on Spontaneous Imbibition under Confining Pressure in Tight Sandstone Cores Based on Low-Field Nuclear Magnetic Resonance Measurements. <i>Energy & Fuels</i> , 2018, 32, 3152-3162.	5.1	52
2	An improved visual investigation on gas-water flow characteristics and trapped gas formation mechanism of fracture-cavity carbonate gas reservoir. <i>Journal of Natural Gas Science and Engineering</i> , 2018, 49, 213-226.	4.4	51
3	Experiments on gas supply capability of commingled production in a fracture-cavity carbonate gas reservoir. <i>Petroleum Exploration and Development</i> , 2017, 44, 824-833.	7.0	36
4	Experimental evaluation of interlayer interference during commingled production in a tight sandstone gas reservoir with multi-pressure systems. <i>Fuel</i> , 2020, 262, 116557.	6.4	36
5	Enhancement of the imbibition recovery by surfactants in tight oil reservoirs. <i>Petroleum Science</i> , 2018, 15, 783-793.	4.9	34
6	Stabilization mechanism of fly ash three-phase foam and its sealing capacity on fractured reservoirs. <i>Fuel</i> , 2020, 264, 116832.	6.4	28
7	Time-dependent shape factors for fractured reservoir simulation: Effect of stress sensitivity in matrix system. <i>Journal of Petroleum Science and Engineering</i> , 2018, 163, 556-569.	4.2	26
8	Performance Evaluation of CO ₂ Huff-n-Puff Gas Injection in Shale Gas Condensate Reservoirs. <i>Energies</i> , 2019, 12, 42.	3.1	22
9	Pressure transient and Blasingame production decline analysis of hydraulic fractured well with induced fractures in composite shale gas reservoirs. <i>Journal of Natural Gas Science and Engineering</i> , 2021, 94, 104058.	4.4	18
10	Experimental investigation of the live oil-water relative permeability and displacement efficiency on Kingfisher waxy oil reservoir. <i>Journal of Petroleum Science and Engineering</i> , 2019, 178, 1029-1043.	4.2	14
11	Study of phase behavior and physical properties of a natural gas reservoir with high carbon dioxide content. , 2016, 6, 428-442.		12
12	Semi-analytical modeling of productivity analysis for five-spot well pattern scheme in methane hydrocarbon reservoirs. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 26955-26969.	7.1	11
13	Experimental and Numerical Evaluation of Water Control and Production Increase in a Tight Gas Formation With Polymer. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2019, 141, .	2.3	8
14	Factorial two-stage analyses of parameters affecting the oil-gas interface and miscibility in bulk phase and nanopores. <i>Journal of Colloid and Interface Science</i> , 2019, 555, 740-750.	9.4	5
15	A Semi-Analytical Methodology for Multiwell Productivity Index of Well-Industry-Production-Scheme in Tight Oil Reservoirs. <i>Energies</i> , 2018, 11, 1054.	3.1	3
16	CO ₂ Storage Capacity for Multi-Well Pads Scheme in Depleted Shale Gas Reservoirs. <i>Energies</i> , 2017, 10, 1724.	3.1	2
17	Visual Experimental Study on Gradation Optimization of Two-Stage Gravel Packing Operation in Unconventional Reservoirs. <i>Energies</i> , 2019, 12, 1519.	3.1	2
18	A Novel Model for Pore-Scale Spontaneous Imbibition Accounting for Fluid Viscosities. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	Numerical Investigation on Wellbore Temperature Prediction during the CO2 Fracturing in Horizontal Wells. Sustainability, 2021, 13, 5672.	3.2	1
20	Numerical simulation and experimental verification studies on a unified strength theory-based elastoplastic damage constitutive model of shale. Natural Gas Industry B, 2021, 8, 267-277.	3.4	1
21	Effect of Stress-Sensitive Fracture Conductivity on Transient Pressure Behavior for a Multi-Well Pad With Multistage Fractures in a Naturally Fractured Tight Reservoir. Frontiers in Energy Research, 2020, 8, .	2.3	1
22	Transient Pressure Analysis of Inclined Well in Continuous Triple-Porosity Reservoirs With Dual-Permeability Behavior. Frontiers in Energy Research, 2020, 8, .	2.3	0
23	Experimental study on gas-liquid-coal fines three-phase flow in undulating pipeline. Thermal Science, 2018, , 162-162.	1.1	0