

Zhiping Li

List of Publications by Year in descending order

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34
papers

398
citations

1040056

9
h-index

794594

19
g-index

34
all docs

34
docs citations

34
times ranked

353
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Investigation of Spontaneous Imbibition in a Tight Reservoir with Nuclear Magnetic Resonance Testing. <i>Energy & Fuels</i> , 2016, 30, 8932-8940.	5.1	93
2	Improving water injectivity and enhancing oil recovery by wettability control using nanopowders. <i>Journal of Petroleum Science and Engineering</i> , 2012, 86-87, 206-216.	4.2	51
3	Characteristics of microscopic pore structure and its influence on spontaneous imbibition of tight gas reservoir in the Ordos Basin, China. <i>Journal of Petroleum Science and Engineering</i> , 2019, 172, 23-31.	4.2	42
4	Integrated optimization design for horizontal well placement and fracturing in tight oil reservoirs. <i>Journal of Petroleum Science and Engineering</i> , 2019, 178, 82-96.	4.2	37
5	Investigation of Pore Characteristics and Irreducible Water Saturation of Tight Reservoir Using Experimental and Theoretical Methods. <i>Energy & Fuels</i> , 2018, 32, 3368-3379.	5.1	27
6	Characteristics of pore structure of tight gas reservoir and its influence on fluid distribution during fracturing. <i>Journal of Petroleum Science and Engineering</i> , 2020, 193, 107360.	4.2	16
7	New insights into the synergism between silica nanoparticles and surfactants on interfacial properties: Implications for spontaneous imbibition in tight oil reservoirs. <i>Journal of Petroleum Science and Engineering</i> , 2022, 215, 110647.	4.2	14
8	Pore pressure variation at constant confining stress on water-oil and silica nanofluid-oil relative permeability. <i>Journal of Petroleum Exploration and Production</i> , 2019, 9, 2065-2079.	2.4	13
9	Phase Behavior Measurements and Modeling for N ₂ /CO ₂ /Extra Heavy Oil Mixtures at Elevated Temperatures. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 428-439.	3.7	10
10	An experimental study of the effect of three metallic oxide nanoparticles on oil-water relative permeability curves derived from the JBN and extended JBN methods. <i>Journal of Petroleum Science and Engineering</i> , 2020, 192, 107257.	4.2	10
11	Performance of Relative Permeability and Two-Phase Flow Parameters Under Net Effective Stress in Water Wet Porous Media: A Comparative Study of Water-Oil Versus Silica Nanofluid-Oil. <i>Arabian Journal for Science and Engineering</i> , 2018, 43, 6555-6565.	3.0	8
12	Investigating the Effects of Pore-Structure Characteristics on Porosity and Absolute Permeability for Unconventional Reservoirs. <i>Energy & Fuels</i> , 2021, 35, 690-701.	5.1	8
13	Investigation of Microscopic Pore Structure and Permeability Prediction in Sand-Conglomerate Reservoirs. <i>Journal of Earth Science (Wuhan, China)</i> , 2021, 32, 818-827.	3.2	7
14	Experimental study of the plugging-matching relationship between elastic particles and formation pore throats. <i>Journal of Dispersion Science and Technology</i> , 2021, 42, 190-205.	2.4	6
15	Effect of Nanoparticle Adsorption on the Pore Structure of a Coalbed Methane Reservoir: A Laboratory Experimental Study. <i>ACS Omega</i> , 2022, 7, 6261-6270.	3.5	6
16	Hybrid Newton-Successive Substitution Method for Multiphase Rachford-Rice Equations. <i>Entropy</i> , 2018, 20, 452.	2.2	5
17	The Effect of Temperature on Flowback Data Analysis in Shale Gas Reservoirs: A Simulation-Based Study. <i>Energies</i> , 2019, 12, 3751.	3.1	5
18	Experimental investigation on the effect of organic solvents on gas development of coalbed methane reservoir. <i>Fuel</i> , 2021, 287, 119497.	6.4	5

#	ARTICLE	IF	CITATIONS
19	Effects of the Sandstone Pore Structure on Spontaneous Imbibition: A Systematic Experimental Investigation Based on Fractal Analysis. <i>Energy & Fuels</i> , 2022, 36, 382-396.	5.1	4
20	Analysis of Gas Flow Behavior for Highly Deviated Wells in Naturally Fractured-Vuggy Carbonate Gas Reservoirs. <i>Mathematical Problems in Engineering</i> , 2019, 2019, 1-13.	1.1	3
21	Structure Characteristics Analysis of Diesel Sales in Complex Network Method. <i>Cluster Computing</i> , 2019, 22, 5635-5645.	5.0	3
22	Development Favorable Area and Productivity Potential Evaluation Method of a Tight Oil Reservoir. <i>Geofluids</i> , 2021, 2021, 1-14.	0.7	3
23	Method for evaluation of engineering sweet spots tight sandstone reservoir production wells. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	3
24	Effects of Microscopic Pore Structures on the Spontaneous Imbibition of Longmaxi Shale. <i>Energy & Fuels</i> , 2022, 36, 7456-7471.	5.1	3
25	Coalbed methane reservoir dynamic prediction model by combination of material balance equation and crossflow-diffusion. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 257-263.	2.3	2
26	Effect of Silica Nanofluid on Nanoscopic Pore Structure of Low-Permeability Petroleum Reservoir by Nitrogen Adsorption Technique: A Case Study. <i>Arabian Journal for Science and Engineering</i> , 2019, 44, 6167-6178.	3.0	2
27	Application of Polynomial Chaos Expansion to Optimize Injection-Production Parameters under Uncertainty. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-13.	1.1	2
28	Optimal Selection Method for Sweet Spots in Low-Permeability Multilayered Reservoirs. <i>Geofluids</i> , 2021, 2021, 1-10.	0.7	2
29	Quantitative characterization method for microscopic heterogeneity in tight sandstone. <i>Energy Exploration and Exploitation</i> , 2021, 39, 1076-1096.	2.3	2
30	Experimental Investigation into the Effects of Fracturing Fluid-Shale Interaction on Pore Structure and Wettability. <i>Geofluids</i> , 2021, 2021, 1-11.	0.7	2
31	Topology Analysis of Natural Gas Pipeline Networks Based on Complex Network Theory. <i>Energies</i> , 2022, 15, 3864.	3.1	2
32	New Waterflooding Characteristic Curves Based on Cumulative Water Injection. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-12.	1.1	1
33	Experimental verification of the effects of three metal oxide nanoparticles on mass transfer at gas-liquid interface. <i>Journal of Petroleum Science and Engineering</i> , 2022, 211, 110122.	4.2	1
34	A Novel Semi-Analytical Model for Highly Deviated Wells in Fractured-Vuggy Carbonate Gas Reservoirs. , 2020, , .		0