Zhiping Li

List of Publications by Year
in descending order

34	398	1040056 9	794594 19
papers	citations	h-index	g-index

34	34	34	353
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Experimental verification of the effects of three metal oxide nanoparticles on mass transfer at gas-liquid interface. Journal of Petroleum Science and Engineering, 2022, 211, 110122.	4.2	1
2	Effect of Nanoparticle Adsorption on the Pore Structure of a Coalbed Methane Reservoir: A Laboratory Experimental Study. ACS Omega, 2022, 7, 6261-6270.	3.5	6
3	Effects of the Sandstone Pore Structure on Spontaneous Imbibition: A Systematic Experimental Investigation Based on Fractal Analysis. Energy & Fuels, 2022, 36, 382-396.	5.1	4
4	New insights into the synergism between silica nanoparticles and surfactants on interfacial properties: Implications for spontaneous imbibition in tight oil reservoirs. Journal of Petroleum Science and Engineering, 2022, 215, 110647.	4.2	14
5	Topology Analysis of Natural Gas Pipeline Networks Based on Complex Network Theory. Energies, 2022, 15, 3864.	3.1	2
6	Effects of Microscopic Pore Structures on the Spontaneous Imbibition of Longmaxi Shale. Energy & Fuels, 2022, 36, 7456-7471.	5.1	3
7	Experimental investigation on the effect of organic solvents on gas development of coalbed methane reservoir. Fuel, 2021, 287, 119497.	6.4	5
8	Investigating the Effects of Pore-Structure Characteristics on Porosity and Absolute Permeability for Unconventional Reservoirs. Energy & Fuels, 2021, 35, 690-701.	5.1	8
9	Experimental study of the pluggingâ€“matching relationship between elastic particles and formation pore throats. Journal of Dispersion Science and Technology, 2021, 42, 190-205.	2.4	6
10	Development Favorable Area and Productivity Potential Evaluation Method of a Tight Oil Reservoir. Geofluids, 2021, 2021, 1-14.	0.7	3
11	Optimal Selection Method for Sweet Spots in Low-Permeability Multilayered Reservoirs. Geofluids, 2021, 2021, 1-10.	0.7	2
12	Quantitative characterization method for microscopic heterogeneity in tight sandstone. Energy Exploration and Exploitation, 2021, 39, 1076-1096.	2.3	2
13	Experimental Investigation into the Effects of Fracturing Fluid-Shale Interaction on Pore Structure and Wettability. Geofluids, 2021, 2021, 1-11.	0.7	2
14	Investigation of Microscopic Pore Structure and Permeability Prediction in Sand-Conglomerate Reservoirs. Journal of Earth Science (Wuhan, China), 2021, 32, 818-827.	3.2	7
15	Method for evaluation of engineering sweet spots tight sandstone reservoir production wells. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	3
16	A Novel Semi-Analytical Model for Highly Deviated Wells in Fractured-Vuggy Carbonate Gas Reservoirs. , 2020, , .		0
17	Application of Polynomial Chaos Expansion to Optimize Injection-Production Parameters under Uncertainty. Mathematical Problems in Engineering, 2020, 2020, 1-13.	1.1	2
18	New Waterflooding Characteristic Curves Based on Cumulative Water Injection. Mathematical Problems in Engineering, 2020, 2020, 1-12.	1.1	1

#	Article	IF	Citations
19	Characteristics of pore structure of tight gas reservoir and its influence on fluid distribution during fracturing. Journal of Petroleum Science and Engineering, 2020, 193, 107360.	4.2	16
20	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. Journal of Petroleum Science and Engineering, 2020, 192, 107257.	4.2	10
21	Analysis of Gas Flow Behavior for Highly Deviated Wells in Naturally Fractured-Vuggy Carbonate Gas Reservoirs. Mathematical Problems in Engineering, 2019, 2019, 1-13.	1.1	3
22	The Effect of Temperature on Flowback Data Analysis in Shale Gas Reservoirs: A Simulation-Based Study. Energies, 2019, 12, 3751.	3.1	5
23	Integrated optimization design for horizontal well placement and fracturing in tight oil reservoirs. Journal of Petroleum Science and Engineering, 2019, 178, 82-96.	4.2	37
24	Characteristics of microscopic pore structure and its influence on spontaneous imbibition of tight gas reservoir in the Ordos Basin, China. Journal of Petroleum Science and Engineering, 2019, 172, 23-31.	4.2	42
25	Pore pressure variation at constant confining stress on waterâ€“oil and silica nanofluidâ€“oil relative permeability. Journal of Petroleum Exploration and Production, 2019, 9, 2065-2079.	2.4	13
26	Effect of Silica Nanofluid on Nanoscopic Pore Structure of Low-Permeability Petroleum Reservoir by Nitrogen Adsorption Technique: A Case Study. Arabian Journal for Science and Engineering, 2019, 44, 6167-6178.	3.0	2
27	Phase Behavior Measurements and Modeling for N₂/CO₂/Extra Heavy Oil Mixtures at Elevated Temperatures. Industrial & Engineering Chemistry Research, 2019, 58, 428-439.	3.7	10
28	Structure Characteristics Analysis of Diesel Sales in Complex Network Method. Cluster Computing, 2019, 22, 5635-5645.	5.0	3
29	Investigation of Pore Characteristics and Irreducible Water Saturation of Tight Reservoir Using Experimental and Theoretical Methods. Energy & Fuels, 2018, 32, 3368-3379.	5.1	27
30	Hybrid Newtonâ€“Successive Substitution Method for Multiphase Rachford-Rice Equations. Entropy, 2018, 20, 452.	2.2	5
31	Performance of Relative Permeability and Two-Phase Flow Parameters Under Net Effective Stress in Water Wet Porous Media: A Comparative Study of Waterâ€“Oil Versus Silica Nanofluidâ€“Oil. Arabian Journal for Science and Engineering, 2018, 43, 6555-6565.	3.0	8
32	Coalbed methane reservoir dynamic prediction model by combination of material balance equation and crossflow-diffusion. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 257-263.	2.3	2
33	Experimental Investigation of Spontaneous Imbibition in a Tight Reservoir with Nuclear Magnetic Resonance Testing. Energy & Fuels, 2016, 30, 8932-8940.	5.1	93
34	Improving water injectivity and enhancing oil recovery by wettability control using nanopowders. Journal of Petroleum Science and Engineering, 2012, 86-87, 206-216.	4.2	51