

# Zhaojie Song

## List of Publications by Year in descending order

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papers

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docs citations

29  
times ranked

571  
citing authors

#	ARTICLE	IF	CITATIONS
1	A critical review of CO <sub>2</sub> enhanced oil recovery in tight oil reservoirs of North America and China. Fuel, 2020, 276, 118006.	6.4	99
2	CO <sub>2</sub> mobility control and sweep efficiency improvement using starch gel or ethylenediamine in ultra-low permeability oil layers with different types of heterogeneity. Journal of Petroleum Science and Engineering, 2015, 133, 52-65.	4.2	63
3	Effect of polymer on disproportionate permeability reduction to gas and water for fractured shales. Fuel, 2015, 143, 28-37.	6.4	59
4	Sensitivity analysis of water-alternating-CO <sub>2</sub> flooding for enhanced oil recovery in high water cut oil reservoirs. Computers and Fluids, 2014, 99, 93-103.	2.5	57
5	Residual oil distribution characteristic of fractured-cavity carbonate reservoir after water flooding and enhanced oil recovery by N <sub>2</sub> flooding of fractured-cavity carbonate reservoir. Journal of Petroleum Science and Engineering, 2015, 129, 15-22.	4.2	55
6	Wettability effects on phase behavior and interfacial tension in shale nanopores. Fuel, 2021, 290, 119983.	6.4	50
7	Adsorption induced critical shifts of confined fluids in shale nanopores. Chemical Engineering Journal, 2020, 385, 123837.	12.7	49
8	Derivation of water flooding characteristic curve for high water-cut oilfields. Petroleum Exploration and Development, 2013, 40, 216-223.	7.0	43
9	Formation damage during alkaline-surfactant-polymer flooding in the Sanan-5 block of the Daqing Oilfield, China. Journal of Natural Gas Science and Engineering, 2016, 35, 826-835.	4.4	37
10	Conformance control for CO <sub>2</sub> -EOR in naturally fractured low permeability oil reservoirs. Journal of Petroleum Science and Engineering, 2018, 166, 225-234.	4.2	37
11	Gas channeling control during CO <sub>2</sub> immiscible flooding in 3D radial flow model with complex fractures and heterogeneity. Journal of Petroleum Science and Engineering, 2016, 146, 890-901.	4.2	33
12	Gas injection for enhanced oil recovery in two-dimensional geology-based physical model of Tahe fractured-vuggy carbonate reservoirs: karst fault system. Petroleum Science, 2020, 17, 419-433.	4.9	29
13	Preformed particle gel propagation and dehydration through semi-transparent fractures and their effect on water flow. Journal of Petroleum Science and Engineering, 2018, 167, 549-558.	4.2	27
14	Phase Behavior of Hydrocarbon Mixture in Shale Nanopores Considering the Effect of Adsorption and Its Induced Critical Shifts <sup>†</sup> . Industrial & Engineering Chemistry Research, 2020, 59, 8374-8382.	3.7	23
15	Experimental study on disproportionate permeability reduction caused by non-recovered fracturing fluids in tight oil reservoirs. Fuel, 2018, 226, 627-634.	6.4	21
16	Effect of Nanopore Confinement on Fluid Phase Behavior and Production Performance in Shale Oil Reservoir. Industrial & Engineering Chemistry Research, 2021, 60, 1463-1472.	3.7	18
17	D-optimal design for Rapid Assessment Model of CO <sub>2</sub> flooding in high water cut oil reservoirs. Journal of Natural Gas Science and Engineering, 2014, 21, 764-771.	4.4	17
18	Phase Behavior and Miscibility of CO <sub>2</sub> -Hydrocarbon Mixtures in Shale Nanopores. Industrial & Engineering Chemistry Research, 2021, 60, 5300-5309.	3.7	17

#	ARTICLE	IF	CITATIONS
19	Using Screen Models to Evaluate the Injection Characteristics of Particle Gels for Water Control. Energy & Fuels, 2018, 32, 352-359.	5.1	15
20	Effect of vug filling on oil-displacement efficiency in carbonate fractured-vuggy reservoir by natural bottom-water drive: A conceptual model experiment. Journal of Petroleum Science and Engineering, 2019, 174, 1113-1126.	4.2	15
21	Linearly descending viscosity for alkaline-surfactant-polymer flooding mobility modification in multilayer heterogeneous reservoirs. RSC Advances, 2018, 8, 8269-8284.	3.6	14
22	Effect of polymer on gas flow behavior in microfractures of unconventional gas reservoirs. Journal of Natural Gas Science and Engineering, 2015, 23, 26-32.	4.4	13
23	A Case Study on Simulation of In-Situ CO <sub>2</sub> Huff-n-Puff Process. SPE Reservoir Evaluation and Engineering, 2018, 21, 109-121.	1.8	12
24	Water-based nanofluid-alternating-CO <sub>2</sub> injection for enhancing heavy oil recovery: Considering oil-nanofluid emulsification. Journal of Petroleum Science and Engineering, 2021, 205, 108934.	4.2	10
25	Adsorption behavior of n-hexane and its mixtures with CO <sub>2</sub> , CH <sub>4</sub> , H <sub>2</sub> O and SDBS in hydrophobic silica nanopores. Fuel, 2022, 312, 122872.	6.4	7
26	N <sub>2</sub> and CO <sub>2</sub> Huff-n-Puff for Enhanced Tight Oil Recovery: An Experimental Study Using Nuclear Magnetic Resonance. Energy & Fuels, 2022, 36, 1515-1521.	5.1	7
27	Phase Behavior of CO <sub>2</sub> -CH <sub>4</sub> -Water Mixtures in Shale Nanopores Considering Fluid Adsorption and Capillary Pressure. Industrial & Engineering Chemistry Research, 2022, 61, 5652-5660.	3.7	4
28	Application of modified Dykstra-Parsons method to natural bottom-water drive in non-communicating fractured-vuggy reservoir. Journal of Petroleum Science and Engineering, 2018, 167, 682-691.	4.2	3
29	Confinement Effect on the Fluid Phase Behavior and Flow in Shale Oil Reservoirs. , 2020, , .		3