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**A critical review of CO<sub>2</sub> enhanced oil recovery in tight oil reservoirs of North America and China**

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#	Paper	IF	Citations
71	Performance Optimization of CO <sub>2</sub> Huff-n-Puff for Multifractured Horizontal Wells in Tight Oil Reservoirs. <i>Geofluids</i> , <b>2020</b> , 2020, 1-13	1.5	5
70	CO <sub>2</sub> solubility in brine in silica nanopores in relation to geological CO <sub>2</sub> sequestration in tight formations: Effect of salinity and pH. <i>Chemical Engineering Journal</i> , <b>2021</b> , 411, 127626	14.7	8
69	The effects of porosity and permeability changes on simulated supercritical CO <sub>2</sub> migration front in tight glutenite under different effective confining pressures from 1.5 MPa to 21.5 MPa. <b>2021</b> , 11, 19-36		1
68	Effect of Nanopore Confinement on Fluid Phase Behavior and Production Performance in Shale Oil Reservoir. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2021</b> , 60, 1463-1472	3.9	6
67	Review of Density Measurements and Predictions of CO <sub>2</sub> Alkane Solutions for Enhancing Oil Recovery. <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 2914-2935	4.1	4
66	The role of supercritical carbon dioxide for recovery of shale gas and sequestration in gas shale reservoirs. <i>Energy and Environmental Science</i> ,	35.4	18
65	Characterization of Pore Structures and Implications for Flow Transport Property of Tight Reservoirs: A Case Study of the Lucaogou Formation, Jimsar Sag, Junggar Basin, Northwestern China. <i>Energies</i> , <b>2021</b> , 14, 1251	3.1	3
64	High-Pressure Sorption of Methane, Ethane, and Their Mixtures on Shales from Sichuan Basin, China. <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 3989-3999	4.1	11
63	Monitoring of Flooding Characteristics with Different Methane Gas Injection Methods in Low-Permeability Heterogeneous Cores. <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 3208-3218	4.1	2
62	Understanding Immiscible Natural Gas Huff-N-Puff Seepage Mechanism in Porous Media: A Case Study of CH <sub>4</sub> Huff-N-Puff by Laboratory Numerical Simulations in Chang-7 Tight Core. <i>Natural Resources Research</i> , <b>2021</b> , 30, 2397-2411	4.9	3
61	Phase Behavior and Miscibility of CO <sub>2</sub> Hydrocarbon Mixtures in Shale Nanopores. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2021</b> , 60, 5300-5309	3.9	4
60	Wettability effects on phase behavior and interfacial tension in shale nanopores. <i>Fuel</i> , <b>2021</b> , 290, 119983	3.1	19
59	Development and Evaluation of an Acidic Shear-Tolerant Nanosheet-Enhanced Cross-Linked Gel System for Hydrofracturing. <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 7930-7942	4.1	
58	A review of recent developments in CO <sub>2</sub> mobility control in enhanced oil recovery. <i>Petroleum</i> , <b>2021</b> ,	4.1	15
57	Risk assessment on the CCUS project using risk breakdown structure methodology: A case study on Jilin oilfield CO <sub>2</sub> -EOR Hei-79 block. <b>2021</b> , 11, 750-763		0
56	An interval chance-constrained programming-based optimization model for carbon capture, utilization, and storage system planning. <i>Science of the Total Environment</i> , <b>2021</b> , 772, 145560	10.2	2
55	Pore structure characterization of tight sandstones via a novel integrated method: A case study of the Sulige gas field, Ordos Basin (Northern China). <i>Journal of Asian Earth Sciences</i> , <b>2021</b> , 213, 104739	2.8	5

54	Nanopore Confinement Effect on the Phase Behavior of CO <sub>2</sub> /Hydrocarbons in Tight Oil Reservoirs considering Capillary Pressure, Fluid-Wall Interaction, and Molecule Adsorption. <i>Geofluids</i> , <b>2021</b> , 2021, 1-18	1.5	2
53	Effect of confinement on the three-phase equilibrium of water-oil-CO <sub>2</sub> mixtures in nanopores. <i>Petroleum Science</i> , <b>2021</b> ,	4.4	3
52	Mechanism of CO <sub>2</sub> enhanced oil recovery in shale reservoirs. <i>Petroleum Science</i> , <b>2021</b> , 18, 1788-1788	4.4	3
51	Experimental Study on the EOR Performance of Imbibition and Huff and Puff in Fractured Tight Oil Reservoirs. <i>Lithosphere</i> , <b>2021</b> , 2021,	2.7	1
50	Investigation of the stress evolution under the effect of hydraulic fracturing in the application of coalbed methane recovery. <i>Fuel</i> , <b>2021</b> , 300, 120930	7.1	6
49	Characterizing pore-level oil mobilization processes in unconventional reservoirs assisted by state-of-the-art nuclear magnetic resonance technique. <i>Energy</i> , <b>2021</b> , 236, 121549	7.9	11
48	Lab-on-a-chip systems in imbibition processes: A review and applications/issues for studying tight formations. <i>Fuel</i> , <b>2021</b> , 306, 121603	7.1	6
47	Thermodynamic Characteristics of cold and hot non-condensable gases simultaneously flowing along vertical wellbore. <i>Journal of Petroleum Science and Engineering</i> , <b>2022</b> , 208, 109451	4.4	0
46	Soaking in CO <sub>2</sub> huff-n-puff: A single-nanopore scale study. <i>Fuel</i> , <b>2022</b> , 308, 122026	7.1	6
45	Identification of Seepage Mechanisms for Natural Gas Huff-n-Puff and Flooding Processes in Hydrophilic Reservoirs With Low and Ultra-Low Permeabilities. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , <b>2021</b> , 143,	2.6	2
44	Huff-n-Puff Technology for Enhanced Oil Recovery in Shale/Tight Oil Reservoirs: Progress, Gaps, and Perspectives. <i>Energy &amp; Fuels</i> ,	4.1	7
43	Identification of distinctions of immiscible CO <sub>2</sub> huff and puff performance in Chang-7 tight sandstone oil reservoir by applying NMR, microscope and reservoir simulation. <i>Journal of Petroleum Science and Engineering</i> , <b>2021</b> , 209, 109719	4.4	1
42	Experimental study on liquid production law, oil recovery mechanism, and influencing factors of water huff-n-puff in the tight sedimentary tuff oil reservoir. <i>Journal of Petroleum Science and Engineering</i> , <b>2022</b> , 208, 109721	4.4	1
41	Influence of reservoir lithology on porous flow resistance of gas-bearing tight oil reservoirs and production forecast. <i>Journal of Petroleum Exploration and Production</i> , <b>2022</b> , 12, 409	2.2	0
40	Evaluation of CO <sub>2</sub> storage of water alternating gas flooding using experimental and numerical simulation methods. <i>Fuel</i> , <b>2021</b> , 122489	7.1	1
39	Improved Gelation Performance of an Acidic Low-Polymer Loading Zirconium Cross-Linked CMHPG Fracturing Fluid by Surface Functionalized 1T-Phase Molybdenum Disulfide Nanosheets. <b>2021</b> ,		
38	Membranes for Carbon Dioxide Capture from Kuwait Power Stations: Process and Economic Analysis. <b>2021</b> , 24, 72-77		
37	Multi-parameter screening study on the static properties of nanoparticle-stabilized CO <sub>2</sub> foam near the CO <sub>2</sub> critical point. <i>Arabian Journal of Chemistry</i> , <b>2022</b> , 15, 103676	5.9	1

36	Numerical modeling of molecular diffusion and convection effects during gas injection into naturally fractured oil reservoirs. <i>Oil and Gas Science and Technology</i> , <b>2021</b> , 76, 81	1.9	
35	CO2 Mass Transfer and Oil Replacement Capacity in Fractured Shale Oil Reservoirs: From Laboratory to Field. <i>Frontiers in Earth Science</i> , <b>2022</b> , 9,	3.5	2
34	The Law and Mechanism of the Sample Size Effect of Imbibition Oil Recovery of Tight Sedimentary Tuff.. <i>ACS Omega</i> , <b>2022</b> , 7, 1956-1974	3.9	1
33	N2 and CO2 Huff-n-Puff for Enhanced Tight Oil Recovery: An Experimental Study Using Nuclear Magnetic Resonance. <i>Energy &amp; Fuels</i> , <b>2022</b> , 36, 1515-1521	4.1	0
32	Posterior probability-based hydraulic unit division and prediction: A case study. <i>Energy</i> , <b>2022</b> , 246, 123307.9	3.9	0
31	The mobility of continental shale oil by gas flooding and influencing factors based on displacement-nuclear magnetic resonance instruments. <i>Interpretation</i> , 1-51	1.4	
30	Optimization and Analysis of CO2 Huff-n-Puff Process in Shale Oil Reservoirs Using Response Surface Methodology (RSM). <i>Geofluids</i> , <b>2022</b> , 2022, 1-12	1.5	0
29	Experimental Study on the Impact of CO2 Treatment on Different Lithofacies in Shale Oil Reservoirs. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 2217	2.6	
28	Experimental Study on the Oil Recovery Performance of CO2 Huff-and-Puff Process in Fractured Tight Oil Reservoirs. <i>Geofluids</i> , <b>2022</b> , 2022, 1-11	1.5	1
27	Influence of whey protein isolate on CO2 foams stability in three different types of crude oil. <i>Case Studies in Chemical and Environmental Engineering</i> , <b>2022</b> , 5, 100191	7.5	0
26	Numerical study on natural gas injection with allied in-situ injection and production for improving shale oil recovery. <i>Fuel</i> , <b>2022</b> , 318, 123586	7.1	1
25	The pore-scale mechanisms of surfactant-assisted spontaneous and forced imbibition in water-wet tight oil reservoirs. <i>Journal of Petroleum Science and Engineering</i> , <b>2022</b> , 213, 110371	4.4	2
24	A state-of-art review of CO enhanced oil recovery as a promising technology to achieve carbon neutrality in China.. <i>Environmental Research</i> , <b>2022</b> , 112986	7.9	1
23	Phase Behavior of CO2-CH4-Water Mixtures in Shale Nanopores Considering Fluid Adsorption and Capillary Pressure. <i>Industrial &amp; Engineering Chemistry Research</i> ,	3.9	0
22	Experimental study on CO2/Water flooding mechanism and oil recovery in ultralow - Permeability sandstone with online LF-NMR. <i>Energy</i> , <b>2022</b> , 123948	7.9	2
21	Pore scale performance evaluation and impact factors in nitrogen huff-n-puff EOR for tight oil. <i>Petroleum Science</i> , <b>2022</b> ,	4.4	0
20	Quantification of preferential and mutual mass transfer of gases-light oil systems at high pressures and elevated temperatures by dynamic volume analysis. <i>International Journal of Heat and Mass Transfer</i> , <b>2022</b> , 195, 123188	4.9	0
19	Dynamic behavior of miscible binary fluid mixtures in nanopores: Implications for CO2-enhanced oil flow in shale reservoirs. <i>Fuel</i> , <b>2022</b> , 327, 125128	7.1	0

18	Growth rate of CO <sub>2</sub> hydrate film on water/ oil and water/ gaseous CO <sub>2</sub> interface. <i>Chinese Journal of Chemical Engineering</i> , <b>2022</b> ,	3.2	○
17	A critical review of carbon dioxide enhanced oil recovery in carbonate reservoirs. <i>Fuel</i> , <b>2022</b> , 328, 125256.	1	○
16	Study on Dynamic Variation Characteristics of Reservoir Fluid Phase Behavior During CO <sub>2</sub> Injection in CO <sub>2</sub> Based Enhanced Oil Recovery Process. <b>2022</b> ,		
15	Study on CO <sub>2</sub> Water Co-Injection Miscible Characteristics in Low-Permeability Near-Critical Volatile Oil Reservoir. <b>2022</b> , 15, 7131		○
14	Microscopic production characteristics of tight oil in the nanopores of different CO <sub>2</sub> -affected areas from molecular dynamics simulations. <b>2023</b> , 306, 122607		○
13	Pore- and Core-Scale Mechanisms Controlling Supercritical Cyclic Gas Utilization for Enhanced Recovery under Immiscible and Miscible Conditions in the Three Forks Formation.		○
12	A Microfluidic Experiment on CO <sub>2</sub> Injection for Enhanced Oil Recovery in a Shale Oil Reservoir with High Temperature and Pressure. <b>2022</b> , 15, 9461		○
11	Effect of CO <sub>2</sub> Brine Rock Interactions on the Pore Structure of the Tight Sandstone during CO <sub>2</sub> Flooding: A Case Study of Chang 7 Member of the Triassic Yanchang Formation in the Ordos Basin, China.		○
10	Microscopic experiment study on mechanisms of oil-gas interaction and CO <sub>2</sub> -surfactant flooding with different temperatures and pressures. <b>2023</b> , 69, 102389		○
9	Effects of CO <sub>2</sub> -philic nonionic polyether surfactants on miscibility behaviors of CO <sub>2</sub> Hydrocarbon systems: Experimental and simulation approach. <b>2023</b> , 464, 142701		○
8	Nuclear magnetic resonance study of CO <sub>2</sub> flooding in tight oil reservoirs: Effects of matrix permeability and fracture. <b>2023</b> , 225, 211692		○
7	Petrophysical properties of representative geological rocks encountered in carbon storage and utilization. <b>2023</b> , 9, 3661-3682		○
6	Residual oil contents of dolomitic and sandy dolomite tight oil reservoirs after CO <sub>2</sub> huff and puff: An experimental study. <b>2023</b> , 275, 127510		○
5	A carbon dioxide huff and puff project at a mature heavy oil Field in Dagang, China.		○
4	Analysis of CO <sub>2</sub> effects on porosity and permeability of shale reservoirs under different water content conditions. <b>2023</b> , 226, 211774		○
3	A mini-investigation on enhanced oil recovery evolution (2007 -2020). <b>2023</b> , 377, 01015		○
2	A review of the supercritical CO <sub>2</sub> fluid applications for improved oil and gas production and associated carbon storage. <b>2023</b> , 72, 102479		○
1	Diffusion coefficient and the volume swelling of CO <sub>2</sub> /light oil systems: Insights from dynamic volume analysis and molecular dynamics simulation. <b>2023</b> , 382, 121943		○

