Yousef Kazemzadeh

List of Publications by Year
in descending order

29	1,066	516710 16	501196 28
papers	citations	h-index	g-index

29	29	29	679
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Behavior of Asphaltene Adsorption onto the Metal Oxide Nanoparticle Surface and Its Effect on Heavy Oil Recovery. Industrial & Engineering Chemistry Research, 2015, 54, 233-239.	3.7	129
2	Review on application of nanoparticles for EOR purposes: A critical review of the opportunities and challenges. Chinese Journal of Chemical Engineering, 2019, 27, 237-246.	3.5	125
3	Experimental investigation of interfacial properties in the EOR mechanisms by the novel synthesized Fe3O4@Chitosan nanocomposites. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 544, 15-27.	4.7	105
4	Potential effects of metal oxide/SiO2 nanocomposites in EOR processes at different pressures. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 559, 372-384.	4.7	77
5	How ZrO2 nanoparticles improve the oil recovery by affecting the interfacial phenomena in the reservoir conditions?. Journal of Molecular Liquids, 2018, 252, 158-168.	4.9	70
6	Impact of Fe3O4 nanoparticles on asphaltene precipitation during CO2 injection. Journal of Natural Gas Science and Engineering, 2015, 22, 227-234.	4.4	63
7	Comprehensive Waterâ€“Alternating-Gas (WAG) injection study to evaluate the most effective method based on heavy oil recovery and asphaltene precipitation tests. Journal of Petroleum Science and Engineering, 2015, 133, 123-129.	4.2	57
8	Experimental study of asphaltene precipitation prediction during gas injection to oil reservoirs by interfacial tension measurement. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 466, 138-146.	4.7	53
9	Experimental investigation of stability of water in oil emulsions at reservoir conditions: Effect of ion type, ion concentration, and system pressure. Fuel, 2019, 243, 15-27.	6.4	52
10	A new insight into Fe3O4-based nanocomposites for adsorption of asphaltene at the oil/water interface: An experimental interfacial study. Journal of Petroleum Science and Engineering, 2019, 177, 786-797.	4.2	44
11	Experimental investigation into Fe3O4/SiO2 nanoparticle performance and comparison with other nanofluids in enhanced oil recovery. Petroleum Science, 2019, 16, 578-590.	4.9	40
12	Mutual Effects of Fe₃O₄/Chitosan Nanocomposite and Different Ions in Water for Stability of Water-in-Oil (w/o) Emulsions at Lowâ€“High Salinities. Energy & Fuels, 2018, 32, 12101-12117.	5.1	39
13	Formation and stability of W/O emulsions in presence of asphaltene at reservoir thermodynamic conditions. Journal of Molecular Liquids, 2020, 299, 112125.	4.9	36
14	An interface-analyzing technique to evaluate the heavy oil swelling in presence of nickel oxide nanoparticles. Journal of Molecular Liquids, 2015, 211, 553-559.	4.9	24
15	A Complete experimental study of oil/water interfacial properties in the presence of TiO₂ nanoparticles and different ions. Oil and Gas Science and Technology, 2019, 74, 39.	1.4	23
16	Development of a new chemical solvent package for increasing the asphaltene removal performance under static and dynamic conditions. Journal of Petroleum Science and Engineering, 2021, 206, 109066.	4.2	21
17	Increasing inhibition performance of simultaneous precipitation of calcium and strontium sulfate scales using a new inhibitor â€" Laboratory and field application. Journal of Petroleum Science and Engineering, 2021, 202, 108589.	4.2	19
18	How do metal oxide nanoparticles influence on interfacial tension of asphaltic oil-Supercritical CO2 systems?. Journal of Supercritical Fluids, 2018, 135, 1-7.	3.2	14

#	Article	IF	Citations
19	Study of Asphaltene Precipitation during CO₂ Injection into Oil Reservoirs in the Presence of Iron Oxide Nanoparticles by Interfacial Tension and Bond Number Measurements. ACS Omega, 2020, 5, 7877-7884.	3.5	14
20	Mini Review of Miscible Condition Evaluation and Experimental Methods of Gas Miscible Injection in Conventional and Fractured Reservoirs. Energy & Fuels, 2021, 35, 7340-7363.	5.1	12
21	Effect of pressure on the optimal salinity point of the aqueous phase in emulsion formation. Journal of Molecular Liquids, 2022, 362, 119783.	4.9	9
22	An experimental study toward possible benefits of water in oil emulsification in heavy oil reservoirs: comparing role of ions and nanoparticles. Materials Research Express, 2019, 6, 085702.	1.6	8
23	Optimization of Fe₃O₄/Chitosan nanocomposite concentration on the formation and stability of W/O emulsion. Materials Research Express, 2019, 6, 035031.	1.6	8
24	Experimental Investigation of the Effect of Asphaltene and Normal Paraffin on CO2-Oil Interfacial Tension. Journal of Dispersion Science and Technology, 2014, , 141217111959003.	2.4	5
25	Positive coupling effect in gas condensate flow: Role of capillary number, Scheludko number and Weber number. Journal of Petroleum Science and Engineering, 2021, 203, 108490.	4.2	5
26	A review on the application of carbonated water injection for EOR purposes: Opportunities and challenges. Journal of Petroleum Science and Engineering, 2022, 214, 110481.	4.2	5
27	Detecting high-potential conditions of asphaltene precipitation in oil reservoir. Journal of Dispersion Science and Technology, 2018, 39, 943-951.	2.4	4
28	A New Approach for Evaluating Migration of Nano Particles in Porous Media. Journal of Dispersion Science and Technology, 0, , .	2.4	3
29	Impact of natural convection and diffusion on variation of oil composition through a fractured model. Scientia Iranica, 2016, 23, 2811-2819.	0.4	2