Ali Shafiei

List of Publications by Year
in descending order

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27	924	623734	580821
papers	citations	14 h-index	25 g-index

28	28	28	892
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Insights from molecular dynamics on CO2 diffusion coefficient in saline water over a wide range of temperatures, pressures, and salinity: CO2 geological storage implications. Journal of Molecular Liquids, 2022, 345, 117868.	4.9	17
2	A systematic and critical review of application of molecular dynamics simulation in low salinity water injection. Advances in Colloid and Interface Science, 2022, 300, 102594.	14.7	21
3	Effects of asphaltene structure and polythiophene-coated magnetite nanoparticles on surface topography and wettability alteration of silica surface. Journal of Molecular Liquids, 2022, 349, 118470.	4.9	12
4	Atomistic insights into role of low salinity water on montmorillonite-brine interface: Implications for EOR from clay-bearing sandstone reservoirs. Journal of Molecular Liquids, 2022, 353, 118803.	4.9	10
5	Characterization of crude oils and asphaltenes using the PC-SAFT EoS: A systematic review. Fuel, 2021, 291, 120180.	6.4	20
6	Data-Driven Connectionist Models for Performance Prediction of Low Salinity Waterflooding in Sandstone Reservoirs. ACS Omega, 2021, 6, 32304-32326.	3.5	13
7	Synthesis, Characterization, and Assessment of a CeO2@Nanoclay Nanocomposite for Enhanced Oil Recovery. Nanomaterials, 2020, 10, 2280.	4.1	27
8	Densities for Ternary System of CaCl2â€“H2Oâ€“CO2 at Elevated P-T: An Experimental and Modeling Approach. Energies, 2018, 11, 2840.	3.1	1
9	Effect of Initial Wettability on Performance of Smart Water Flooding in Carbonate Reservoirsâ€”An Experimental Investigation with IOR Implications. Energies, 2018, 11, 1394.	3.1	22
10	Data Analytics Techniques for Performance Prediction of Steamflooding in Naturally Fractured Carbonate Reservoirs. Energies, 2018, 11, 292.	3.1	4
11	Natural Fractures Characterization and In Situ Stresses Inference in a Carbonate Reservoirâ€”An Integrated Approach. Energies, 2018, 11, 312.	3.1	9
12	PVTX characteristics of oil inclusions from Asmari formation in Kuh-e-Mond heavy oil field in Iran. International Journal of Earth Sciences, 2015, 104, 603-623.	1.8	2
13	Estimating hydrogen sulfide solubility in ionic liquids using a machine learning approach. Journal of Supercritical Fluids, 2014, 95, 525-534.	3.2	100
14	Asphaltene precipitation and deposition in oil reservoirs â€“ Technical aspects, experimental and hybrid neural network predictive tools. Chemical Engineering Research and Design, 2014, 92, 857-875.	5.6	146
15	GEOMECHANICS OF THERMAL OIL PRODUCTION FROM CARBONATE RESERVOIRS. Journal of Porous Media, 2014, 17, 301-321.	1.9	3
16	A new screening tool for evaluation of steamflooding performance in Naturally Fractured Carbonate Reservoirs. Fuel, 2013, 108, 502-514.	6.4	98
17	Droplets evolution during ex situ dissolution technique for geological CO2 sequestration: Experimental and mathematical modelling. International Journal of Greenhouse Gas Control, 2013, 13, 201-214.	4.6	19
18	Geomechanics of thermal viscous oil production in sandstones. Journal of Petroleum Science and Engineering, 2013, 103, 121-139.	4.2	48

#	Article	IF	Citations
19	A developed smart technique to predict minimum miscible pressureâ€”eor implications. Canadian Journal of Chemical Engineering, 2013, 91, 1325-1337.	1.7	92
20	Mathematical Model for Steamflooding Naturally Fractured Carbonate Reservoirs. Industrial & Engineering Chemistry Research, 2013, 52, 7993-8008.	3.7	12
21	Multiple hydrocarbon charging events in <scp>K</scp>uhâ€eâ€<scp>M</scp>ond oil field, <scp>C</scp>oastal <scp>F</scp>ars: evidence from biomarkers in oil inclusions. Geofluids, 2013, 13, 594-609.	0.7	5
22	Modeling of CO2 droplets shrinkage in ex situ dissolution approach with application to geological sequestration: Analytical solutions and feasibility study. Chemical Engineering Journal, 2012, 197, 448-458.	12.7	32
23	Nonionic Surfactant for Enhanced Oil Recovery from Carbonates: Adsorption Kinetics and Equilibrium. Industrial & Engineering Chemistry Research, 2012, 51, 9894-9905.	3.7	143
24	NUMERICAL SIMULATION OF FREE FALL AND CONTROLLED GRAVITY DRAINAGE PROCESSES IN POROUS MEDIA. Journal of Porous Media, 2012, 15, 211-232.	1.9	7
25	Empirical Modeling of Gravity Drainage in Fractured Porous Media. Energy & Fuels, 2011, 25, 1229-1241.	5.1	51
26	Side View Seismic Location Method Helps Fracture Characterization in a Giant Fractured Carbonate Heavy Oil Field in Iran. , 2009, , .		0
27	Weathering and geomechanical properties of Alvand granitic rocks, western Iran. , 2007, , 835-842.		1