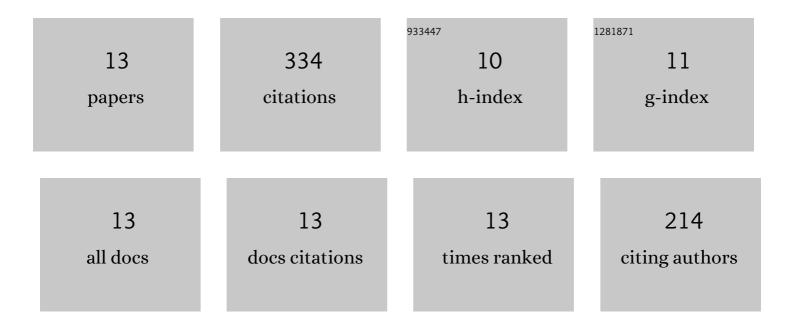
Amin Rezaei

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9503833/publications.pdf Version: 2024-02-01



AMIN REZAEL

#	Article	IF	CITATIONS
1	Integrating surfactant, alkali and nano-fluid flooding for enhanced oil recovery: A mechanistic experimental study of novel chemical combinations. Journal of Molecular Liquids, 2020, 308, 113106.	4.9	68
2	Surfactant-silica nanoparticle stabilized N2-foam flooding: A mechanistic study on the effect of surfactant type and temperature. Journal of Molecular Liquids, 2021, 325, 115091.	4.9	49
3	A mechanistic experimental study on the combined effect of Mg2+, Ca2+, and SO42- ions and a cationic surfactant in improving the surface properties of oil/water/rock system. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 587, 124327.	4.7	43
4	Insights into the Effects of Pore Size Distribution on the Flowing Behavior of Carbonate Rocks: Linking a Nano-Based Enhanced Oil Recovery Method to Rock Typing. Nanomaterials, 2020, 10, 972.	4.1	39
5	Relative Permeability of Hydrogen and Aqueous Brines in Sandstones and Carbonates at Reservoir Conditions. Geophysical Research Letters, 2022, 49, .	4.0	35
6	On the Evaluation of Interfacial Tension (IFT) of CO2–Paraffin System for Enhanced Oil Recovery Process: Comparison of Empirical Correlations, Soft Computing Approaches, and Parachor Model. Energies, 2021, 14, 3045.	3.1	23
7	Rock Porous Structure Characterization: A Critical Assessment of Various State-of-the-Art Techniques. Transport in Porous Media, 2021, 136, 431-456.	2.6	22
8	Effects of initial wettability and different surfactant-silica nanoparticles flooding scenarios on oil-recovery from carbonate rocks. Petroleum, 2022, 8, 499-508.	2.8	16
9	Development of an efficient hybrid GA-PSO approach applicable for well placement optimization. Advances in Geo-Energy Research, 2019, 3, 365-374.	6.0	15
10	An experimental study of the combination of smart water and silica nanoparticles to improve the recovery of asphaltenic oil from carbonate reservoirs. Journal of Petroleum Science and Engineering, 2022, 208, 109445.	4.2	11
11	Insights into the flow behaviour of the pre-generated polymer enhanced foam in heterogeneous porous media during tertiary oil recovery: Effect of gravitational forces. Journal of Petroleum Science and Engineering, 2022, 213, 110385.	4.2	10
12	Combination of chemical methods. , 2022, , 401-431.		2
13	Formation damage during chemical flooding. , 2022, , 461-478.		1