Sarmad Al-Anssari

List of Publications by Year
in descending order

24 papers	1,506 citations	516215 16 h-index	887659 17 g-index
25 all docs	25 docs citations	25 times ranked	790 citing authors

#	Article	IF	Citations
1	Wettability alteration of oil-wet carbonate by silica nanofluid. Journal of Colloid and Interface Science, 2016, 461, 435-442.	5.0	332
2	Wettability of nanofluid-modified oil-wet calcite at reservoir conditions. Fuel, 2018, 211, 405-414.	3.4	116
3	Effect of temperature and SiO2 nanoparticle size on wettability alteration of oil-wet calcite. Fuel, 2017, 206, 34-42.	3.4	115
4	Organic acid concentration thresholds for ageing of carbonate minerals: Implications for CO2 trapping/storage. Journal of Colloid and Interface Science, 2019, 534, 88-94.	5.0	91
5	Stabilising nanofluids in saline environments. Journal of Colloid and Interface Science, 2017, 508, 222-229.	5.0	88
6	CO2-wettability of sandstones exposed to traces of organic acids: Implications for CO2 geo-storage. International Journal of Greenhouse Gas Control, 2019, 83, 61-68.	2.3	88
7	Assessment of wettability and rock-fluid interfacial tension of caprock: Implications for hydrogen and carbon dioxide geo-storage. International Journal of Hydrogen Energy, 2022, 47, 14104-14120.	3.8	81
8	Nanoparticles influence on wetting behaviour of fractured limestone formation. Journal of Petroleum Science and Engineering, 2017, 149, 782-788.	2.1	77
9	Stable Dispersion of Coal Fines during Hydraulic Fracturing Flowback in Coal Seam Gas Reservoirsâ€"An Experimental Study. Energy & Fuels, 2020, 34, 5566-5577.	2.5	64
10	Impact of nanoparticles on the CO2-brine interfacial tension at high pressure and temperature. Journal of Colloid and Interface Science, 2018, 532, 136-142.	5.0	61
11	Synergistic Effect of Nanoparticles and Polymers on the Rheological Properties of Injection Fluids: Implications for Enhanced Oil Recovery. Energy & Fuels, 2021, 35, 6125-6135.	2.5	51
12	Wettability of nano-treated calcite/CO 2 /brine systems: Implication for enhanced CO 2 storage potential. International Journal of Greenhouse Gas Control, 2017, 66, 97-105.	2.3	50
13	Oil-Water Interfacial Tensions of Silica Nanoparticle-Surfactant Formulations. Tenside, Surfactants, Detergents, 2017, 54, 334-341.	0.5	46
14	Reversible and irreversible adsorption of bare and hybrid silica nanoparticles onto carbonate surface at reservoir condition. Petroleum, 2020, 6, 277-285.	1.3	43
15	CO 2 geo-storage capacity enhancement via nanofluid priming. International Journal of Greenhouse Gas Control, 2017, 63, 20-25.	2.3	39
16	Nanofluids for Enhanced Oil Recovery Processes: Wettability Alteration Using Zirconium Oxide. , 2016, , .		33
17	Influence of Pressure and Temperature on CO2-Nanofluid Interfacial Tension: Implication for Enhanced Oil Recovery and Carbon Geosequestration. , 2018, , .		28
18	A novel approach for using silica nanoparticles in a proppant pack to fixate coal fines. APPEA Journal, 2020, 60, 88.	0.4	24

#	Article	IF	Citations
19	Influence of Miscible CO2 Flooding on Wettability and Asphaltene Precipitation in Indiana Lime Stone. , 2017, , .		20
20	Wettability Alteration of Carbonate Rocks via Nanoparticle-Anionic Surfactant Flooding at Reservoirs Conditions. , 2017, , .		17
21	Retention of Silica Nanoparticles in Limestone Porous Media. , 2017, , .		14
22	Effect of Nanoparticles on the Interfacial Tension of CO2-Oil System at High Pressure and Temperature: An Experimental Approach. , 2020, , .		12
23	Effect of wettability on particle settlement behavior within Mono-Ethylene Glycol regeneration pre-treatment systems. Journal of Petroleum Science and Engineering, 2019, 179, 831-840.	2.1	10
24	Optimizing the Dispersion of Coal Fines Using Sodium Dodecyl Benzene Sulfonate. , 2019, , .		6