

Robin Singh

List of Publications by Year in descending order

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23
times ranked

537
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergy between Nanoparticles and Surfactants in Stabilizing Foams for Oil Recovery. Energy & Fuels, 2015, 29, 467-479.	2.5	199
2	Foam flow in a layered, heterogeneous porous medium: A visualization study. Fuel, 2017, 197, 58-69.	3.4	108
3	Foams Stabilized by In-Situ Surface-Activated Nanoparticles in Bulk and Porous Media. SPE Journal, 2016, 21, 121-130.	1.7	74
4	A visualization study of proppant transport in foam fracturing fluids. Journal of Natural Gas Science and Engineering, 2018, 52, 235-247.	2.1	48
5	Foams With Wettability-Altering Capabilities for Oil-Wet Carbonates: A Synergistic Approach. SPE Journal, 2016, 21, 1126-1139.	1.7	36
6	Nanoparticle-Stabilized Foams for High-Temperature, High-Salinity Oil Reservoirs. , 2017, , .		35
7	Proppant transport in foam fracturing fluid during hydraulic fracturing. Journal of Petroleum Science and Engineering, 2019, 182, 106279.	2.1	33
8	Synergistic Stabilization of Foams by a Mixture of Nanoparticles and Surfactants. , 2014, , .		32
9	Study of Nanoparticle-Stabilized Foams in Harsh Reservoir Conditions. Transport in Porous Media, 2020, 131, 135-155.	1.2	31
10	Multistimuli-Responsive Foams Using an Anionic Surfactant. Langmuir, 2018, 34, 11010-11020.	1.6	26
11	Fly Ash Nanoparticle-Stabilized CO ₂ -in-Water Foams for Gas Mobility Control Applications. , 2015, , .		23
12	Microencapsulation of Acids by Nanoparticles for Acid Treatment of Shales. Energy & Fuels, 2017, 31, 11755-11764.	2.5	20
13	Stimulation of Calcite-Rich Shales Using Nanoparticle-Microencapsulated Acids. SPE Journal, 2019, 24, 2671-2680.	1.7	15
14	Preparation and characterization of cationic poly vinyl alcohol with a low degree of substitution. European Polymer Journal, 2011, 47, 997-1004.	2.6	13
15	Microencapsulation and Stimuli-Responsive Controlled Release of Particles Using Water-in-Air Powders. Langmuir, 2017, 33, 3998-4010.	1.6	12
16	Foams Stabilized by In-Situ Surface Activated Nanoparticles in Bulk and Porous Media. , 2014, , .		9
17	Cationic Hemicellulose As a Product of Dissolving Pulp Based Biorefinery. Industrial & Engineering Chemistry Research, 2015, 54, 1426-1432.	1.8	9
18	Proppant Transport in Fractures with Foam-Based Fracturing Fluids. , 2017, , .		9

#	ARTICLE	IF	CITATIONS
19	Nanoparticle-Encapsulated Acids for Stimulation of Calcite-Rich Shales. , 2018, , .		9
20	Polymer Flooding in Oil-Wet, 2D Heterogeneous Porous Media. , 2019, , .		5
21	Simulation of Proppant Transport in Foam Fracturing Fluid Based on Experimental Results. , 2018, , .		3
22	Synergistic Surfactant Blends for Wettability Alteration in Wolfcamp and Eagle Ford Shale for Improved Oil Recovery. , 2021, , .		3
23	Foams with Wettability-Altering Capabilities for Oil-Wet Carbonates: A Synergistic Approach. , 2015, , .		2