Muhammad Adil

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1566279/publications.pdf

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22	378	933264	794469
papers	citations	10 h-index	19 g-index

22	22	22	251
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Experimental study on electromagnetic-assisted ZnO nanofluid flooding for enhanced oil recovery (EOR). PLoS ONE, 2018, 13, e0193518.	1.1	64
2	Nanofluid enhanced oil recovery using induced ZnO nanocrystals by electromagnetic energy: Viscosity increment. Fuel, 2018, 233, 632-643.	3.4	53
3	Effect of Dispersion Stability on Electrorheology of Water-Based ZnO Nanofluids. Energy & Fuels, 2016, 30, 6169-6177.	2.5	52
4	Electromagnetically-induced change in interfacial tension and contact angle of oil droplet using dielectric nanofluids. Fuel, 2020, 259, 116274.	3.4	35
5	Application of Magnetic and Dielectric Nanofluids for Electromagnetic-Assistance Enhanced Oil Recovery: A Review. Crystals, 2021, 11, 106.	1.0	29
6	Pickering nanoemulsions and their mechanisms in enhancing oil recovery: A comprehensive review. Fuel, 2022, 319, 123667.	3.4	20
7	Effect of nanoparticles concentration on electromagnetic-assisted oil recovery using ZnO nanofluids. PLoS ONE, 2020, 15, e0244738.	1.1	16
8	Effect of CMC on the stability of ZnO nanofluid at high temperature and salinity. AIP Conference Proceedings, 2016, , .	0.3	12
9	Stability and electrorheology of ZnO nanofluids in the presence of anionic surfactants. AIP Conference Proceedings, 2016, , .	0.3	12
10	Effect of EM propagation medium on electrorheological characteristics of dielectric nanofluids. Journal of Dispersion Science and Technology, 2017, 38, 570-576.	1.3	12
11	The synergistic effect of Fe2O3/SiO2 nanoparticles concentration on rheology, wettability, and brine-oil interfacial tension. Journal of Petroleum Science and Engineering, 2022, 210, 110059.	2.1	12
12	Microscopic evolution of dielectric nanoparticles at different calcination temperatures synthesized via sol-gel auto-combustion. AIP Conference Proceedings, 2015, , .	0.3	10
13	Magnetization of Ferrofluid and its Influence on Improving Oil Recovery. Defect and Diffusion Forum, 0, 390, 161-167.	0.4	7
14	Experimental evaluation of oil recovery mechanism using a variety of surface-modified silica nanoparticles: Role of in-situ surface-modification in oil-wet system. PLoS ONE, 2020, 15, e0236837.	1.1	7
15	Role of Phase-Dependent Dielectric Properties of Alumina Nanoparticles in Electromagnetic-Assisted Enhanced Oil Recovery. Nanomaterials, 2020, 10, 1975.	1.9	6
16	INFLUENCE OF ELECTROMAGNETIC WAVES ON VISCOSITY AND ELECTRORHEOLOGY OF DIELECTRIC NANOFLUIDS-SCALE-BASED APPROACH. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.3	5
17	Influence of cobalt substitution on the structural and magnetic properties of cobalt substituted magnetite. AIP Conference Proceedings, 2016, , .	0.3	5
18	Magnetoviscous effect of ferrite-based magnetic fluid for EOR application. AIP Conference Proceedings, 2016, , .	0.3	5

#	Article	IF	Citations
19	Effect of Annealing Temperature on Phase Transition of Nanoalumina Synthesized by Auto-Combustion Route. Journal of Nano Research, 2016, 41, 74-86.	0.8	5
20	Wettability, Interfacial Tension (IFT) and Viscosity Alteration of Nanofluids Under Electromagnetic (EM) Waves for Enhanced Oil Recovery (IFT) Applications. Advanced Structured Materials, 2019, , 305-311.	0.3	5
21	Structural and morphological evolution of metal oxide nanoparticles synthesised via sol-gel auto-combustion. International Journal of Nanotechnology, 2017, 14, 284.	0.1	4
22	The Effect of Calcination Temperature on Dielectric Properties of ZnO and Al₂O₃ Nanoparticles at Radio Frequencies. Key Engineering Materials, 2016, 708, 9-13.	0.4	2