

Ehsan Esmailnezhad

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

691
citations

687363
13
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642732
23
g-index

23
all docs

23
docs citations

23
times ranked

661
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics and applications of magnetized water as a green technology. <i>Journal of Cleaner Production</i> , 2017, 161, 908-921.	9.3	123
2	Polyamidoamine dendrimer functionalized iron oxide nanoparticles for simultaneous electrochemical detection of Pb ²⁺ and Cd ²⁺ ions in environmental waters. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 140, 81-88.	5.0	116
3	SO ₃ H-dendrimer functionalized magnetic nanoparticles (Fe ₃ O ₄ @D NH (CH ₂) ₄ SO ₃ H): Synthesis, characterization and its application as a novel and heterogeneous catalyst for the one-pot synthesis of polyfunctionalized pyrans and polyhydroquinolines. <i>Polyhedron</i> , 2019, 162, 129-141.	2.2	96
4	An experimental study on enhanced oil recovery utilizing nanoparticle ferrofluid through the application of a magnetic field. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 58, 319-327.	5.8	57
5	Rheological analysis of magnetite added carbonyl iron based magnetorheological fluid. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 444, 161-167.	2.3	53
6	Polymer coated magnetite-based magnetorheological fluid and its potential clean procedure applications to oil production. <i>Journal of Cleaner Production</i> , 2018, 171, 45-56.	9.3	39
7	Effect of silicon-based nanoparticles on enhanced oil recovery: Review. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 122, 241-259.	5.3	22
8	Effect of medium viscosity on rheological characteristics of magnetite-based magnetorheological fluids. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 80, 197-204.	5.8	20
9	Conformance control in oil reservoir based on magnetorheological behavior of nanoparticle suspension. <i>Journal of Environmental Management</i> , 2019, 231, 1127-1134.	7.8	19
10	On the attributes of invert-emulsion drilling fluids modified with graphene oxide/inorganic complexes. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 93, 290-301.	5.8	19
11	Xanthan gum-added natural surfactant solution of Chuback: A green and clean technique for enhanced oil recovery. <i>Journal of Molecular Liquids</i> , 2022, 354, 118909.	4.9	19
12	Synthesis and thermal analysis of hydrophobic iron oxide nanoparticles for improving in-situ combustion efficiency of heavy oils. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 71, 402-409.	5.8	16
13	Polyindole nanoparticle-based electrorheological fluid and its green and clean future potential conformance control technique to oil fields. <i>Journal of Cleaner Production</i> , 2019, 231, 1218-1225.	9.3	14
14	Effect of carbon-based and metal-based nanoparticles on enhanced oil recovery: A review. <i>Journal of Molecular Liquids</i> , 2021, 338, 116903.	4.9	13
15	Application of Artificial Intelligence to Predict Enhanced Oil Recovery Using Silica Nanofluids. <i>Natural Resources Research</i> , 2021, 30, 2529-2542.	4.7	12
16	Nitrogen-doped graphene quantum dot nanofluids to improve oil recovery from carbonate and sandstone oil reservoirs. <i>Journal of Molecular Liquids</i> , 2021, 330, 115715.	4.9	12
17	Core-Shell Structured Magnetite-Poly(diphenylamine) Microspheres and Their Tunable Dual Response under Magnetic and Electric Fields. <i>Langmuir</i> , 2021, 37, 2298-2311.	3.5	10
18	Artificial Neural Network to Forecast Enhanced Oil Recovery Using Hydrolyzed Polyacrylamide in Sandstone and Carbonate Reservoirs. <i>Polymers</i> , 2021, 13, 2606.	4.5	9

#	ARTICLE	IF	CITATIONS
19	Application of artificial intelligence to magnetite-based magnetorheological fluids. Journal of Industrial and Engineering Chemistry, 2021, 100, 399-409.	5.8	8
20	Effect of polymer-graphene-quantum-dot solution on enhanced oil recovery performance. Journal of Molecular Liquids, 2022, 349, 118092.	4.9	7
21	Glutathione-capped core-shell structured magnetite nanoparticles: Fabrication and their nonlinear optical characteristics. Current Applied Physics, 2020, 20, 822-827.	2.4	5
22	Magnetite-embedded poly (2-methylaniline) hybrid particles and their smart responses under magnetic and electric fields. Journal of Molecular Liquids, 2021, 340, 117294.	4.9	1
23	An overview on the enhanced gas condensate recovery with novel and green methods. Environmental Science and Pollution Research, 2022, 29, 26160-26181.	5.3	1