

Ehsan Nourafkan

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

905
citations

471371

17
h-index

526166

27
g-index

30
all docs

30
docs citations

30
times ranked

1040
citing authors

#	ARTICLE	IF	CITATIONS
1	Rheological Properties of Partially Hydrolyzed Polyacrylamide Seeded by Nanoparticles. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 3456-3463.	1.8	148
2	A core-shell SO ₄ /Mg-Al-Fe ₃ O ₄ catalyst for biodiesel production. <i>Applied Catalysis B: Environmental</i> , 2019, 259, 118093.	10.8	93
3	Kinetics of magnesium hydroxide precipitation from sea bittern. <i>Chemical Engineering and Processing: Process Intensification</i> , 2008, 47, 215-221.	1.8	68
4	A review of current techniques for the evaluation of powder mixing. <i>Advanced Powder Technology</i> , 2018, 29, 1525-1549.	2.0	66
5	Synthesis of cuprous oxide nanoparticles by mechanochemical oxidation of copper in high planetary energy ball mill. <i>Advanced Powder Technology</i> , 2013, 24, 301-305.	2.0	53
6	Microemulsions stabilized by in-situ synthesized nanoparticles for enhanced oil recovery. <i>Fuel</i> , 2017, 210, 272-281.	3.4	53
7	Nanoparticle-enabled delivery of surfactants in porous media. <i>Journal of Colloid and Interface Science</i> , 2018, 519, 44-57.	5.0	51
8	Improved rheology and high-temperature stability of hydrolyzed polyacrylamide using graphene oxide nanosheet. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47582.	1.3	50
9	Stability and photo-thermal conversion performance of binary nanofluids for solar absorption refrigeration systems. <i>Renewable Energy</i> , 2019, 140, 264-273.	4.3	38
10	Controlled delivery and release of surfactant for enhanced oil recovery by nanodroplets. <i>Fuel</i> , 2018, 218, 396-405.	3.4	36
11	Synthesis of stable iron oxide nanoparticle dispersions in high ionic media. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 50, 57-71.	2.9	33
12	Transport and Deposition of Carbon Nanoparticles in Saturated Porous Media. <i>Energies</i> , 2017, 10, 1151.	1.6	29
13	Improved Polymer Flooding in Harsh Environments by Free-Radical Polymerization and the Use of Nanomaterials. <i>Energy & Fuels</i> , 2019, 33, 1637-1648.	2.5	26
14	Carbon quantum dots with tracer-like breakthrough ability for reservoir characterization. <i>Science of the Total Environment</i> , 2019, 669, 579-589.	3.9	25
15	Study of effective parameters in silver nanoparticle synthesis through method of reverse microemulsion. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 3639-3645.	2.9	24
16	Formulation optimization of reverse microemulsions using design of experiments for nanoparticles synthesis. <i>Chemical Engineering Research and Design</i> , 2017, 125, 367-384.	2.7	23
17	Experimental Study of Laminar Convective Heat Transfer and Pressure Drop of Cuprous Oxide/Water Nanofluid Inside a Circular Tube. <i>Experimental Heat Transfer</i> , 2015, 28, 58-68.	2.3	22
18	Improved rheological properties and stability of multiwalled carbon nanotubes/polymer in harsh environment. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47205.	1.3	16

#	ARTICLE	IF	CITATIONS
19	Synthesis of stable nanoparticles at harsh environment using the synergistic effect of surfactants blend. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 64, 390-401.	2.9	15
20	Nanoparticle Formation in Stable Microemulsions for Enhanced Oil Recovery Application. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 12664-12677.	1.8	10
21	Nanomaterials for subsurface application: study of particles retention in porous media. <i>Applied Nanoscience (Switzerland)</i> , 2021, 11, 1847-1856.	1.6	6
22	Tailoring particle shape for enhancing the homogeneity of powder mixtures: Experimental study and DEM modelling. <i>Particuology</i> , 2021, 54, 58-68.	2.0	5
23	Model for Batch Crystallization of Bisphenol-A Adduct under the Influence of Industrial Impurities. <i>Journal of Chemical Engineering of Japan</i> , 2009, 42, 231-240.	0.3	4
24	Application of nanotechnology for biofuel production. , 2021, , 149-172.		4
25	Model development for deactivation of bisphenol-A adduct particles during crystallization under the influence of impurity. <i>Journal of Crystal Growth</i> , 2010, 312, 2247-2253.	0.7	2
26	Modeling of Silver Nanoparticle Synthesis in Ternary Reverse Microemulsion of Cyclohexane/Water/SDS. <i>Particulate Science and Technology</i> , 2014, 32, 215-223.	1.1	2
27	Evaluation of adsorption of nonionic surfactants blend at water/oil interfaces. <i>Journal of Dispersion Science and Technology</i> , 2018, 39, 665-675.	1.3	2
28	Calculation OOIP in oil reservoir by pressure matching method using genetic algorithm. <i>Journal of Petroleum Science and Engineering</i> , 2009, 64, 35-44.	2.1	1
29	Kinetics of lead and copper removal from oil-field brine by potential sorption. <i>Water Science and Technology</i> , 2014, 70, 2004-2014.	1.2	0