

Ahmadreza Ghaffarkhah

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

645
citations

623734

14
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

401
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, Applications, and Prospects of Graphene Quantum Dots: A Comprehensive Review. <i>Small</i> , 2022, 18, e2102683.	10.0	151
2	Experimental and field test analysis of different loss control materials for combating lost circulation in bentonite mud. <i>Journal of Natural Gas Science and Engineering</i> , 2017, 44, 1-8.	4.4	63
3	On evaluation of thermophysical properties of transformer oil-based nanofluids: A comprehensive modeling and experimental study. <i>Journal of Molecular Liquids</i> , 2020, 300, 112249.	4.9	61
4	High-resolution extrusion printing of Ti ₃ C ₂ -based inks for wearable human motion monitoring and electromagnetic interference shielding. <i>Carbon</i> , 2022, 191, 277-289.	10.3	47
5	Effect of silica nanoparticle size on the mechanical strength and wellbore plugging performance of SPAM/chromium (III) acetate nanocomposite gels. <i>Polymer Journal</i> , 2019, 51, 693-707.	2.7	45
6	Experimental and numerical analysis of rheological characterization of hybrid nano-lubricants containing COOH-Functionalized MWCNTs and oxide nanoparticles. <i>International Communications in Heat and Mass Transfer</i> , 2019, 101, 103-115.	5.6	42
7	Multilayer Structures of a Zn _{0.5} Ni _{0.5} Fe ₂ O ₄ -Reduced Graphene Oxide/PVDF Nanocomposite for Tunable and Highly Efficient Microwave Absorbers. <i>ACS Applied Electronic Materials</i> , 2021, 3, 5514-5527.	4.3	40
8	Multilayer polymeric nanocomposites for electromagnetic interference shielding: fabrication, mechanisms, and prospects. <i>New Journal of Chemistry</i> , 2021, 45, 21488-21507.	2.8	34
9	Investigation of drill pipe rotation effect on cutting transport with aerated mud using CFD approach. <i>Advanced Powder Technology</i> , 2017, 28, 1141-1153.	4.1	29
10	Application of amorphous silica nanoparticles in improving the rheological properties, filtration and shale stability of glycol-based drilling fluids. <i>International Communications in Heat and Mass Transfer</i> , 2020, 115, 104625.	5.6	27
11	Application of CFD for designing conventional three phase oilfield separator. <i>Egyptian Journal of Petroleum</i> , 2017, 26, 413-420.	2.6	24
12	Bridging performance of new eco-friendly lost circulation materials. <i>Petroleum Exploration and Development</i> , 2018, 45, 1154-1165.	7.0	24
13	Scalable manufacturing of flexible and highly conductive Ti ₃ C ₂ T _x /PEDOT:PSS thin films for electromagnetic interference shielding. <i>New Journal of Chemistry</i> , 2021, 45, 20787-20799.	2.8	15
14	Interfacial Assembly of Graphene Oxide: From Super Elastic Interfaces to Liquidâ€¢Liquid Printing. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	15
15	Structured Ultraâ€¢Flyweight Aerogels by Interfacial Complexation: Selfâ€¢Assembly Enabling Multiscale Designs. <i>Small</i> , 2022, 18, e2200220.	10.0	14
16	Coupling of CFD and semiempirical methods for designing three-phase condensate separator: case study and experimental validation. <i>Journal of Petroleum Exploration and Production</i> , 2019, 9, 353-382.	2.4	7
17	Synthesis, structure and mechanical properties of nanocomposites based on exfoliated nano magnesium silicate crystal and poly(acrylamide). <i>Journal of Dispersion Science and Technology</i> , 2019, 40, 276-286.	2.4	5
18	Interfacial Assembly of Graphene Oxide: From Super Elastic Interfaces to Liquidâ€¢Liquid Printing (Adv.) <i>Tj ETQq0.0 0 rgBT₁/Overlock</i>	3.7	1

#	ARTICLE	IF	CITATIONS
19	Structured Ultra-Flyweight Aerogels by Interfacial Complexation: Self-Assembly Enabling Multiscale Designs (Small 20/2022). Small, 2022, 18, .	10.0	1
20	3D printing of transparent pH-mediated high-water-content hydrogels for electromagnetic interference (EMI) shielding. , 2021, , .		0