Ahmadreza Ghaffarkhah

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10456418/publications.pdf

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20	645	623734	794594
papers	citations	14	19
		h-index	g-index

20	20	20	401
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis, Applications, and Prospects of Graphene Quantum Dots: A Comprehensive Review. Small, 2022, 18, e2102683.	10.0	151
2	High-resolution extrusion printing of Ti3C2-based inks for wearable human motion monitoring and electromagnetic interference shielding. Carbon, 2022, 191, 277-289.	10.3	47
3	Interfacial Assembly of Graphene Oxide: From Super Elastic Interfaces to Liquidâ€inâ€Liquid Printing. Advanced Materials Interfaces, 2022, 9, .	3.7	15
4	Interfacial Assembly of Graphene Oxide: From Super Elastic Interfaces to Liquidâ€inâ€Liquid Printing (Adv.) Tj ETQq0 0 0 rgBT /Overlock	3.7	1
5	Structured Ultraâ€Flyweight Aerogels by Interfacial Complexation: Selfâ€Assembly Enabling Multiscale Designs. Small, 2022, 18, e2200220.	10.0	14
6	Structured Ultraâ€Flyweight Aerogels by Interfacial Complexation: Selfâ€Assembly Enabling Multiscale Designs (Small 20/2022). Small, 2022, 18, .	10.0	1
7	Multilayer polymeric nanocomposites for electromagnetic interference shielding: fabrication, mechanisms, and prospects. New Journal of Chemistry, 2021, 45, 21488-21507.	2.8	34
8	Scalable manufacturing of flexible and highly conductive Ti₃C₂T_x/PEDOT:PSS thin films for electromagnetic interference shielding. New Journal of Chemistry, 2021, 45, 20787-20799.	2.8	15
9	3D printing of transparent pH-mediated high-water-content hydrogels for electromagnetic interference (EMI) shielding. , 2021, , .		0
10	Multilayer Structures of a Zn_{0.5}Ni_{0.5}Fe₂O₄-Reduced Graphene Oxide/PVDF Nanocomposite for Tunable and Highly Efficient Microwave Absorbers. ACS Applied Electronic Materials, 2021, 3, 5514-5527.	4.3	40
11	On evaluation of thermophysical properties of transformer oil-based nanofluids: A comprehensive modeling and experimental study. Journal of Molecular Liquids, 2020, 300, 112249.	4.9	61
12	Application of amorphous silica nanoparticles in improving the rheological properties, filtration and shale stability of glycol-based drilling fluids. International Communications in Heat and Mass Transfer, 2020, 115, 104625.	5.6	27
13	Experimental and numerical analysis of rheological characterization of hybrid nano-lubricants containing COOH-Functionalized MWCNTs and oxide nanoparticles. International Communications in Heat and Mass Transfer, 2019, 101, 103-115.	5.6	42
14	Effect of silica nanoparticle size on the mechanical strength and wellbore plugging performance of SPAM/chromium (III) acetate nanocomposite gels. Polymer Journal, 2019, 51, 693-707.	2.7	45
15	Synthesis, structure and mechanical properties of nanocomposites based on exfoliated nano magnesium silicate crystal and poly(acrylamide). Journal of Dispersion Science and Technology, 2019, 40, 276-286.	2.4	5
16	Coupling of CFD and semiempirical methods for designing three-phase condensate separator: case study and experimental validation. Journal of Petroleum Exploration and Production, 2019, 9, 353-382.	2.4	7
17	Bridging performance of new eco-friendly lost circulation materials. Petroleum Exploration and Development, 2018, 45, 1154-1165.	7.0	24
18	Investigation of drill pipe rotation effect on cutting transport with aerated mud using CFD approach. Advanced Powder Technology, 2017, 28, 1141-1153.	4.1	29

#	Article	IF	Citations
19	Experimental and field test analysis of different loss control materials for combating lost circulation in bentonite mud. Journal of Natural Gas Science and Engineering, 2017, 44, 1-8.	4.4	63
20	Application of CFD for designing conventional three phase oilfield separator. Egyptian Journal of Petroleum, 2017, 26, 413-420.	2.6	24