

Naser Ali

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33
papers

384
citations

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h-index

19
g-index

36
ext. papers

555
ext. citations

4.2
avg, IF

4.5
L-index

#	Paper	IF	Citations
33	A Review on Nanofluids: Fabrication, Stability, and Thermophysical Properties. <i>Journal of Nanomaterials</i> , 2018 , 2018, 1-33	3.2	147
32	In-situ catalyzation approach for enhancing the hydrogenation/dehydrogenation kinetics of MgH powders with Ni particles. <i>Scientific Reports</i> , 2016 , 6, 37335	4.9	35
31	Structure, morphology and hydrogen storage kinetics of nanocomposite MgH ₂ /10 wt% ZrNi ₅ powders. <i>Materials Today Energy</i> , 2017 , 3, 60-71	7	27
30	On the Role of Nanofluids in Thermal-hydraulic Performance of Heat Exchangers-A Review. <i>Nanomaterials</i> , 2020 , 10,	5.4	22
29	Aluminium Nanofluids Stability: A Comparison between the Conventional Two-Step Fabrication Approach and the Controlled Sonication Bath Temperature Method. <i>Journal of Nanomaterials</i> , 2019 , 2019, 1-9	3.2	20
28	Carbon-Based Nanofluids and Their Advances towards Heat Transfer Applications-A Review. <i>Nanomaterials</i> , 2021 , 11,	5.4	19
27	Solid Particle Erosion Behaviour and Protective Coatings for Gas Turbine Compressor Blades A Review. <i>Processes</i> , 2020 , 8, 984	2.9	16
26	Deposition of Stainless Steel Thin Films: An Electron Beam Physical Vapour Deposition Approach. <i>Materials</i> , 2019 , 12,	3.5	15
25	The effect of aluminium nanocoating and water pH value on the wettability behavior of an aluminium surface. <i>Applied Surface Science</i> , 2018 , 443, 24-30	6.7	13
24	New pH Correlations for Stainless Steel 316L, Alumina, and Copper(I) Oxide Nanofluids Fabricated at Controlled Sonication Temperatures. <i>Journal of Nano Research</i> , 2019 , 58, 125-138	1	9
23	Gas Turbine Intercoolers: Introducing Nanofluids A Mini-Review. <i>Processes</i> , 2020 , 8, 1572	2.9	8
22	Mechanical Milling: A Superior Nanotechnological Tool for Fabrication of Nanocrystalline and Nanocomposite Materials. <i>Nanomaterials</i> , 2021 , 11,	5.4	8
21	From gangue to the fuel-cells application. <i>Scientific Reports</i> , 2020 , 10, 20022	4.9	6
20	Glass-Forming Ability and Soft Magnetic Properties of (CoTi)Fe (x; 0-20 at.%) Systems Fabricated by SPS of Mechanically Alloyed Nanopowders. <i>Nanomaterials</i> , 2020 , 10,	5.4	5
19	Effect of Water Temperature, pH Value, and Film Thickness on the Wettability Behaviour of Copper Surfaces Coated with Copper Using EB-PVD Technique. <i>Journal of Nano Research</i> , 2019 , 60, 124-141	1	5
18	Solid-State Conversion of Magnesium Waste to Advanced Hydrogen-Storage Nanopowder Particles. <i>Nanomaterials</i> , 2020 , 10,	5.4	3
17	A Review on Pool and Flow Boiling Enhancement Using Nanofluids: Nuclear Reactor Application. <i>Processes</i> , 2022 , 10, 177	2.9	3

16	Nucleate pool boiling performance of water/titania nanofluid: Experiments and prediction modeling. <i>Physics of Fluids</i> , 2021 , 33, 112007	4.4	3
15	Top-Down Reactive Approach for the Synthesis of Disordered ZrN Nanocrystalline Bulk Material from Solid Waste. <i>Nanomaterials</i> , 2020 , 10,	5.4	3
14	Synthesizing of Novel Bulk (ZrCu)W(\pm 5-30 at%) Glassy Alloys by Spark Plasma Sintering of Mechanically Alloyed Powders. <i>Molecules</i> , 2020 , 25,	4.8	2
13	Graphene-Based Nanofluids: Production Parameter Effects on Thermophysical Properties and Dispersion Stability.. <i>Nanomaterials</i> , 2022 , 12,	5.4	2
12	Superior doping agent of 1.25Ni/3.75Nb2O5 composite nanopowders for improving the hydrogenation/dehydrogenation kinetics of MgH ₂ . <i>Materials Chemistry and Physics</i> , 2016 , 183, 476-484	4.4	2
11	Effect of Multi-Walled Carbon Nanotubes-Based Nanofluids on Marine Gas Turbine Intercooler Performance. <i>Nanomaterials</i> , 2021 , 11,	5.4	2
10	Assessment of Using ⁹⁹ Mo and ^{99m} Tc Isotopes in Kuwait Medical Sector. <i>Health Physics</i> , 2016 , 110, 387- 39		1
9	A feasibility study of using waste cooking oil as a form of energy in Kuwait 2015 ,		1
8	Mechanically-Induced Solid-State Reaction for Fabrication of Soft Magnetic (CoTi)B (x: 2, 5, 10, 15, 20, 25 at%) Metallic Glassy Nanopowders. <i>Molecules</i> , 2020 , 25,	4.8	1
7	Cold Gas-Dynamic Spray for Catalyzation of Plastically Deformed Mg-Strips with Ni Powder. <i>Nanomaterials</i> , 2021 , 11,	5.4	1
6	Effect of ZrC Nanopowders on Enhancing the Hydro/Dehydrogenation Kinetics of MgH Powders. <i>Molecules</i> , 2021 , 26,	4.8	1
5	Pool Boiling Amelioration by Aqueous Dispersion of Silica Nanoparticles. <i>Nanomaterials</i> , 2021 , 11,	5.4	1
4	Effect of Preparation Temperature, Surfactant, and Nanoparticles Concentration on the Effective Thermophysical Properties of Multi-walled Carbon Nanotubes Nanofluids. <i>International Journal of Thermophysics</i> , 2021 , 42, 1	2.1	1
3	Modelling, Analysis and Entropy Generation Minimization of Al ₂ O ₃ -Ethylene Glycol Nanofluid Convective Flow inside a Tube. <i>Energies</i> , 2022 , 15, 3073	3.1	1
2	Development of nanomaterials 2021 , 387-410		
1	Hydrogen Storage Behavior and Performance of Multiple Cold-Rolled MgH ₂ /Nb ₂ O ₅ Nanocomposite Powders. <i>Processes</i> , 2022 , 10, 1017	2.9	