Naser Ali

List of Publications by Year
in descending order

36 papers	737 citations	686830 13 h-index	552369 26 g-index
36 all docs	36 docs citations	36 times ranked	653 citing authors

#	Article	IF	Citations
1	A Review on Nanofluids: Fabrication, Stability, and Thermophysical Properties. Journal of Nanomaterials, 2018, 2018, 1-33.	1.5	237
2	Carbon-Based Nanofluids and Their Advances towards Heat Transfer Applicationsâ€"A Review. Nanomaterials, 2021, 11, 1628.	1.9	59
3	In-situ catalyzation approach for enhancing the hydrogenation/dehydrogenation kinetics of MgH2 powders with Ni particles. Scientific Reports, 2016, 6, 37335.	1.6	43
4	Solid Particle Erosion Behaviour and Protective Coatings for Gas Turbine Compressor Bladesâ€"A Review. Processes, 2020, 8, 984.	1.3	43
5	Mechanical Milling: A Superior Nanotechnological Tool for Fabrication of Nanocrystalline and Nanocomposite Materials. Nanomaterials, 2021, 11, 2484.	1.9	40
6	Structure, morphology and hydrogen storage kinetics of nanocomposite MgH2/10Âwt% ZrNi5 powders. Materials Today Energy, 2017, 3, 60-71.	2.5	38
7	On the Role of Nanofluids in Thermal-hydraulic Performance of Heat Exchangersâ€"A Review. Nanomaterials, 2020, 10, 734.	1.9	33
8	Deposition of Stainless Steel Thin Films: An Electron Beam Physical Vapour Deposition Approach. Materials, 2019, 12, 571.	1.3	32
9	Aluminium Nanofluids Stability: A Comparison between the Conventional Two-Step Fabrication Approach and the Controlled Sonication Bath Temperature Method. Journal of Nanomaterials, 2019, 2019, 1-9.	1.5	24
10	A Review on Pool and Flow Boiling Enhancement Using Nanofluids: Nuclear Reactor Application. Processes, 2022, 10, 177.	1.3	20
11	The effect of aluminium nanocoating and water pH value on the wettability behavior of an aluminium surface. Applied Surface Science, 2018, 443, 24-30.	3.1	17
12	Gas Turbine Intercoolers: Introducing Nanofluidsâ€"A Mini-Review. Processes, 2020, 8, 1572.	1.3	17
13	New pH Correlations for Stainless Steel 316L, Alumina, and Copper(I) Oxide Nanofluids Fabricated at Controlled Sonication Temperatures. Journal of Nano Research, 0, 58, 125-138.	0.8	14
14	Graphene-Based Nanofluids: Production Parameter Effects on Thermophysical Properties and Dispersion Stability. Nanomaterials, 2022, 12, 357.	1.9	14
15	Glass-Forming Ability and Soft Magnetic Properties of (Co75Ti25)100â^'xFex (x; 0â€"20 at.%) Systems Fabricated by SPS of Mechanically Alloyed Nanopowders. Nanomaterials, 2020, 10, 849.	1.9	12
16	Effect of Water Temperature, pH Value, and Film Thickness on the Wettability Behaviour of Copper Surfaces Coated with Copper Using EB-PVD Technique. Journal of Nano Research, 2019, 60, 124-141.	0.8	10
17	From gangue to the fuel-cells application. Scientific Reports, 2020, 10, 20022.	1.6	9
18	Nucleate pool boiling performance of water/titania nanofluid: Experiments and prediction modeling. Physics of Fluids, 2021, 33, .	1.6	9

#	Article	IF	Citations
19	Pool Boiling Amelioration by Aqueous Dispersion of Silica Nanoparticles. Nanomaterials, 2021, 11, 2138.	1.9	8
20	Thermo-physical properties and heat transfer potential of novel silica-ethylene glycol mono nanofluid: Experiments and multi-layer perceptron (MLP) modelling. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 648, 129412.	2.3	6
21	Effect of Multi-Walled Carbon Nanotubes-Based Nanofluids on Marine Gas Turbine Intercooler Performance. Nanomaterials, 2021, 11, 2300.	1.9	5
22	Modelling, Analysis and Entropy Generation Minimization of Al2O3-Ethylene Glycol Nanofluid Convective Flow inside a Tube. Energies, 2022, 15, 3073.	1.6	5
23	Top-Down Reactive Approach for the Synthesis of Disordered ZrN Nanocrystalline Bulk Material from Solid Waste. Nanomaterials, 2020, 10, 1826.	1.9	4
24	Solid-State Conversion of Magnesium Waste to Advanced Hydrogen-Storage Nanopowder Particles. Nanomaterials, 2020, 10, 1037.	1.9	4
25	Cold Gas-Dynamic Spray for Catalyzation of Plastically Deformed Mg-Strips with Ni Powder. Nanomaterials, 2021, 11, 1169.	1.9	4
26	Effect of ZrC Nanopowders on Enhancing the Hydro/Dehydrogenation Kinetics of MgH2 Powders. Molecules, 2021, 26, 4962.	1.7	4
27	Effect of Preparation Temperature, Surfactant, and Nanoparticles Concentration on the Effective Thermophysical Properties of Multi-walled Carbon Nanotubesâ€™ Nanofluids. International Journal of Thermophysics, 2021, 42, 1.	1.0	4
28	Application of Nanofluids in Gas Turbine and Intercoolersâ€”A Comprehensive Review. Nanomaterials, 2022, 12, 338.	1.9	4
29	Hydrogen Storage Behavior and Performance of Multiple Cold-Rolled MgH2/Nb2O5 Nanocomposite Powders. Processes, 2022, 10, 1017.	1.3	4
30	Mechanically-Induced Solid-State Reaction for Fabrication of Soft Magnetic (Co75Ti25)100âˆ’xBx (x: 2, 5,) Tj ETQq0 0 0 rgBT /Overlock 1	1.7	3
31	Synthesizing of Novel Bulk (Zr67Cu33)100âˆ’xWx(x; 5â€“30 at%) Glassy Alloys by Spark Plasma Sintering of Mechanically Alloyed Powders. Molecules, 2020, 25, 1906.	1.7	3
32	Phase Transformations from Nanocrystalline to Amorphous (Zr70Ni25Al5)100-xWx (x; 0, 2, 10, 20, 35 at.) Tj ETQq0 0 0 rgBT /Overlock 1	1.9	3
33	Superior doping agent of 1.25Ni/3.75Nb2O5 composite nanopowders for improving the hydrogenation/dehydrogenation kinetics of MgH2. Materials Chemistry and Physics, 2016, 183, 476-484.	2.0	2
34	Assessment of Using 99Mo and 99mTc Isotopes in Kuwait Medical Sector. Health Physics, 2016, 110, 387-390.	0.3	2
35	A feasibility study of using waste cooking oil as a form of energy in Kuwait. , 2015, , .		1
36	Development of nanomaterials. , 2021, , 387-410.		0