

# Naser Ali

## List of Publications by Year in Descending Order

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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

9  
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 Pool and Flow Boiling Enhancement Using Nanofluids: Nuclear Reactor Application. <i>Processes</i> , <b>2022</b> , 10, 177	2.9	3
32	Graphene-Based Nanofluids: Production Parameter Effects on Thermophysical Properties and Dispersion Stability.. <i>Nanomaterials</i> , <b>2022</b> , 12,	5.4	2
31	Modelling, Analysis and Entropy Generation Minimization of Al <sub>2</sub> O <sub>3</sub> -Ethylene Glycol Nanofluid Convective Flow inside a Tube. <i>Energies</i> , <b>2022</b> , 15, 3073	3.1	1
30	Hydrogen Storage Behavior and Performance of Multiple Cold-Rolled MgH <sub>2</sub> /Nb <sub>2</sub> O <sub>5</sub> Nanocomposite Powders. <i>Processes</i> , <b>2022</b> , 10, 1017	2.9	
29	Nucleate pool boiling performance of water/titania nanofluid: Experiments and prediction modeling. <i>Physics of Fluids</i> , <b>2021</b> , 33, 112007	4.4	3
28	Cold Gas-Dynamic Spray for Catalyzation of Plastically Deformed Mg-Strips with Ni Powder. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	1
27	Carbon-Based Nanofluids and Their Advances towards Heat Transfer Applications-A Review. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	19
26	Development of nanomaterials <b>2021</b> , 387-410		
25	Effect of ZrC Nanopowders on Enhancing the Hydro/Dehydrogenation Kinetics of MgH Powders. <i>Molecules</i> , <b>2021</b> , 26,	4.8	1
24	Pool Boiling Amelioration by Aqueous Dispersion of Silica Nanoparticles. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	1
23	Effect of Multi-Walled Carbon Nanotubes-Based Nanofluids on Marine Gas Turbine Intercooler Performance. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	2
22	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> , <b>2021</b> , 42, 1	2.1	1
21	Mechanical Milling: A Superior Nanotechnological Tool for Fabrication of Nanocrystalline and Nanocomposite Materials. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	8
20	Solid-State Conversion of Magnesium Waste to Advanced Hydrogen-Storage Nanopowder Particles. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	3
19	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> , <b>2020</b> , 10,	5.4	5
18	On the Role of Nanofluids in Thermal-hydraulic Performance of Heat Exchangers-A Review. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	22
17	Synthesizing of Novel Bulk (ZrCu)W(; 5-30 at%) Glassy Alloys by Spark Plasma Sintering of Mechanically Alloyed Powders. <i>Molecules</i> , <b>2020</b> , 25,	4.8	2

16	From gangue to the fuel-cells application. <i>Scientific Reports</i> , <b>2020</b> , 10, 20022	4.9	6
15	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> , <b>2020</b> , 25,	4.8	1
14	Top-Down Reactive Approach for the Synthesis of Disordered ZrN Nanocrystalline Bulk Material from Solid Waste. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	3
13	Solid Particle Erosion Behaviour and Protective Coatings for Gas Turbine Compressor Blades A Review. <i>Processes</i> , <b>2020</b> , 8, 984	2.9	16
12	Gas Turbine Intercoolers: Introducing Nanofluids A Mini-Review. <i>Processes</i> , <b>2020</b> , 8, 1572	2.9	8
11	Deposition of Stainless Steel Thin Films: An Electron Beam Physical Vapour Deposition Approach. <i>Materials</i> , <b>2019</b> , 12,	3.5	15
10	New pH Correlations for Stainless Steel 316L, Alumina, and Copper(I) Oxide Nanofluids Fabricated at Controlled Sonication Temperatures. <i>Journal of Nano Research</i> , <b>2019</b> , 58, 125-138	1	9
9	Aluminium Nanofluids Stability: A Comparison between the Conventional Two-Step Fabrication Approach and the Controlled Sonication Bath Temperature Method. <i>Journal of Nanomaterials</i> , <b>2019</b> , 2019, 1-9	3.2	20
8	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> , <b>2019</b> , 60, 124-141	1	5
7	The effect of aluminium nanocoating and water pH value on the wettability behavior of an aluminium surface. <i>Applied Surface Science</i> , <b>2018</b> , 443, 24-30	6.7	13
6	A Review on Nanofluids: Fabrication, Stability, and Thermophysical Properties. <i>Journal of Nanomaterials</i> , <b>2018</b> , 2018, 1-33	3.2	147
5	Structure, morphology and hydrogen storage kinetics of nanocomposite MgH <sub>2</sub> /10 wt% ZrNi <sub>5</sub> powders. <i>Materials Today Energy</i> , <b>2017</b> , 3, 60-71	7	27
4	Assessment of Using 99Mo and 99mTc Isotopes in Kuwait Medical Sector. <i>Health Physics</i> , <b>2016</b> , 110, 387-399		1
3	In-situ catalyzation approach for enhancing the hydrogenation/dehydrogenation kinetics of MgH powders with Ni particles. <i>Scientific Reports</i> , <b>2016</b> , 6, 37335	4.9	35
2	Superior doping agent of 1.25Ni/3.75Nb <sub>2</sub> O <sub>5</sub> composite nanopowders for improving the hydrogenation/dehydrogenation kinetics of MgH <sub>2</sub> . <i>Materials Chemistry and Physics</i> , <b>2016</b> , 183, 476-484	4.4	2
1	A feasibility study of using waste cooking oil as a form of energy in Kuwait <b>2015</b> ,		1