

Farid Ahmed

List of Publications by Year in descending order

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11
papers

934
citations

1040056

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1281871

11
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11
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docs citations

11
times ranked

1672
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical investigation of the thermo-hydraulic performance of water-based nanofluids in a dimpled channel flow using Al ₂ O ₃ , CuO, and hybrid Al ₂ O ₃ -CuO as nanoparticles. Heat Transfer, 2021, 50, 5080-5105.	3.0	16
2	The impact of D-shaped jaggedness on heat transfer enhancement technique using Al ₂ O ₃ based nanoparticles. International Journal of Thermofluids, 2021, 10, 100069.	7.8	21
3	Investigation of entropy and turbulence characteristics of water based Al ₂ O ₃ , TiO ₂ , and graphene-oxide nanoparticles in a triangular rod array. Materials Today: Proceedings, 2021, 47, 3364-3369.	1.8	6
4	Numerical Simulation of Heat Exchanger for Analyzing the Performance of Parallel and Counter Flow. WSEAS Transactions on Heat and Mass Transfer, 2021, 16, 145-152.	0.4	7
5	A comparative study of lysozyme adsorption with graphene, graphene oxide, and single-walled carbon nanotubes: Potential environmental applications. Chemical Engineering Journal, 2014, 240, 147-154.	12.7	93
6	Investigation of acute effects of graphene oxide on wastewater microbial community: A case study. Journal of Hazardous Materials, 2013, 256-257, 33-39.	12.4	236
7	Antimicrobial PVK:SWNT nanocomposite coated membrane for water purification: Performance and toxicity testing. Water Research, 2013, 47, 3966-3975.	11.3	62
8	Antimicrobial Applications of Electroactive PVK-SWNT Nanocomposites. Environmental Science & Technology, 2012, 46, 1804-1810.	10.0	116
9	Graphene nanocomposite for biomedical applications: fabrication, antimicrobial and cytotoxic investigations. Nanotechnology, 2012, 23, 395101.	2.6	172
10	Bactericidal and Anticorrosion Properties in PVK/MWNT Nanocomposite Coatings on Stainless Steel. Macromolecular Materials and Engineering, 2012, 297, 807-813.	3.6	19
11	Antimicrobial graphene polymer (PVK-GO) nanocomposite films. Chemical Communications, 2011, 47, 8892.	4.1	186