Zeyu Liu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2203269/publications.pdf

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12	187	1684188 5	1474206 9
papers	citations	h-index	g-index

12	12	12	271
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The role of dipole interactions in hyperthermia heating colloidal clusters of densely-packed superparamagnetic nanoparticles. Scientific Reports, 2018, 8, 4704.	3.3	62
2	Enhancement of solar energy collection with magnetic nanofluids. Thermal Science and Engineering Progress, 2018, 8, 130-135.	2.7	38
3	An Experimental Investigation on the Effect of Ferrofluids on the Efficiency of Novel Parabolic Trough Solar Collector Under Laminar Flow Conditions. Heat Transfer Engineering, 2019, 40, 753-761.	1.9	29
4	Experimental study of viscosity and thermal conductivity of water based Fe3O4 nanofluid with highly disaggregated particles. Case Studies in Thermal Engineering, 2022, 35, 102160.	5.7	19
5	Experimental investigation of turbulent forced heat transfer of Fe3O4 ethylene glycol â€“ Water nanofluid with highly disaggregated particles. Thermal Science and Engineering Progress, 2019, 10, 1-9.	2.7	17
6	Droplet Deposition Pattern Affected by Different Heating Directions. Journal of Bionic Engineering, 2020, 17, 795-801.	5.0	5
7	Investigation of Droplet Evaporation on Copper Substrate with Different Roughness. Journal of Bionic Engineering, 2020, 17, 835-842.	5.0	4
8	Investigation on the droplet evaporation process on local heated substrates with different wettability. Heat and Mass Transfer, 0, , 1.	2.1	4
9	Preparation and evaluation of stable nanofluids for heat transfer application. , 2022, , 25-57.		4
10	Development of a novel artificial neural network model for closed pulsating heat pipe with water and aqueous solutions. Asia-Pacific Journal of Chemical Engineering, 2022, 17, e2719.	1.5	3
11	Experimental Investigation of the Influence of Particle Disaggregation on Shear Thinning of Fe3O4 Ethylene Glycol-Water Nanofluid. Journal of Nanofluids, 2018, 7, 613-619.	2.7	2
12	Study on the mud swimming motion of Paramisgurnus dabryanus. Simulation, 0, , 003754972110688.	1.8	0