

Seyed Hadi Rostamian

List of Publications by Year in descending order

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15
papers

878
citations

1170033

9
h-index

1113639

15
g-index

17
all docs

17
docs citations

17
times ranked

720
citing authors

#	ARTICLE	IF	CITATIONS
1	Statistical analysis and shape optimization of a finned corrugated heat exchanger using RSM. <i>Chemical Engineering Communications</i> , 2023, 210, 716-739.	1.5	8
2	Effect of C60-SiO ₂ hybrid nanoparticles on thermophysical and tribological properties of a multigrade engine oil: an experimental study. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 155-167.	2.0	15
3	Effect of silica nano-additive on flash point, pour point, rheological and tribological properties of lubricating engine oil: an experimental study. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 4073-4086.	2.0	9
4	Energy, hydraulic and exergy analysis of a compound parabolic concentrator using hybrid nanofluid: An experimental study. <i>International Communications in Heat and Mass Transfer</i> , 2022, 136, 106181.	2.9	7
5	Hydrothermal analysis and optimization of heat transfer and pressure drop characteristics of different nanofluids in a circular tube with turbulator. <i>European Physical Journal Plus</i> , 2021, 136, 1.	1.2	9
6	Rheological behavior characteristics of MWCNT-TiO ₂ /EG (40%–60%) hybrid nanofluid affected by temperature, concentration, and shear rate: An experimental and statistical study and a neural network simulating. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 553, 124061.	1.2	10
7	Effect of twisted turbulator and various metal oxide nanofluids on the thermal performance of a straight tube: Numerical study based on experimental data. <i>Chemical Engineering and Processing: Process Intensification</i> , 2020, 158, 108106.	1.8	23
8	Multi-objective particle swarm optimization of thermal conductivity and dynamic viscosity of magnetic nanodiamond-cobalt oxide dispersed in ethylene glycol using RSM. <i>International Communications in Heat and Mass Transfer</i> , 2020, 117, 104760.	2.9	6
9	Experimental investigation of rheological behavior of fullerene/hydraulic oil nanofluid. <i>Chemical Papers</i> , 2020, 74, 3963-3973.	1.0	9
10	Experimental evaluation, new correlation proposing and ANN modeling of thermal properties of EG based hybrid nanofluid containing ZnO-DWCNT nanoparticles for internal combustion engines applications. <i>Applied Thermal Engineering</i> , 2018, 133, 452-463.	3.0	116
11	Examination of rheological behavior of MWCNTs/ZnO-SAE40 hybrid nano-lubricants under various temperatures and solid volume fractions. <i>Experimental Thermal and Fluid Science</i> , 2017, 80, 384-390.	1.5	178
12	An inspection of thermal conductivity of CuO-SWCNTs hybrid nanofluid versus temperature and concentration using experimental data, ANN modeling and new correlation. <i>Journal of Molecular Liquids</i> , 2017, 231, 364-369.	2.3	208
13	Investigation of rheological behavior of MWCNT (COOH-functionalized)/MgO - Engine oil hybrid nanofluids and modelling the results with artificial neural networks. <i>Journal of Molecular Liquids</i> , 2017, 241, 173-181.	2.3	157
14	Optimization, modeling and accurate prediction of thermal conductivity and dynamic viscosity of stabilized ethylene glycol and water mixture Al ₂ O ₃ nanofluids by NSGA-II using ANN. <i>International Communications in Heat and Mass Transfer</i> , 2017, 82, 154-160.	2.9	113
15	Experimental investigation of thermal and rheological behavior of silica/soybean oil nano lubricant in low-temperature performance of internal combustion engine. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-15.	1.2	9