

Seyed Hadi Rostamian

List of Publications by Year in descending order

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15
papers

878
citations

1040056

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h-index

996975

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17
all docs

17
docs citations

17
times ranked

618
citing authors

#	ARTICLE	IF	CITATIONS
1	An inspection of thermal conductivity of CuO-SWCNTs hybrid nanofluid versus temperature and concentration using experimental data, ANN modeling and new correlation. Journal of Molecular Liquids, 2017, 231, 364-369.	4.9	208
2	Examination of rheological behavior of MWCNTs/ZnO-SAE40 hybrid nano-lubricants under various temperatures and solid volume fractions. Experimental Thermal and Fluid Science, 2017, 80, 384-390.	2.7	178
3	Investigation of rheological behavior of MWCNT (COOH-functionalized)/MgO - Engine oil hybrid nanofluids and modelling the results with artificial neural networks. Journal of Molecular Liquids, 2017, 241, 173-181.	4.9	157
4	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. Applied Thermal Engineering, 2018, 133, 452-463.	6.0	116
5	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. International Communications in Heat and Mass Transfer, 2017, 82, 154-160.	5.6	113
6	Effect of twisted turbulator and various metal oxide nanofluids on the thermal performance of a straight tube: Numerical study based on experimental data. Chemical Engineering and Processing: Process Intensification, 2020, 158, 108106.	3.6	23
7	Effect of C60-SiO ₂ hybrid nanoparticles on thermophysical and tribological properties of a multigrade engine oil: an experimental study. Journal of Thermal Analysis and Calorimetry, 2022, 147, 155-167.	3.6	15
8	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. Physica A: Statistical Mechanics and Its Applications, 2020, 553, 124061.	2.6	10
9	Experimental investigation of rheological behavior of fullerene/hydraulic oil nanofluid. Chemical Papers, 2020, 74, 3963-3973.	2.2	9
10	Experimental investigation of thermal and rheological behavior of silica/ soybean oil nano lubricant in low-temperature performance of internal combustion engine. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-15.	2.3	9
11	Effect of silica nano-additive on flash point, pour point, rheological and tribological properties of lubricating engine oil: an experimental study. Journal of Thermal Analysis and Calorimetry, 2022, 147, 4073-4086.	3.6	9
12	Hydrothermal analysis and optimization of heat transfer and pressure drop characteristics of different nanofluids in a circular tube with turbulator. European Physical Journal Plus, 2021, 136, 1.	2.6	9
13	Statistical analysis and shape optimization of a finned corrugated heat exchanger using RSM. Chemical Engineering Communications, 2023, 210, 716-739.	2.6	8
14	Energy, hydraulic and exergy analysis of a compound parabolic concentrator using hybrid nanofluid: An experimental study. International Communications in Heat and Mass Transfer, 2022, 136, 106181.	5.6	7
15	Multi-objective particle swarm optimization of thermal conductivity and dynamic viscosity of magnetic nanodiamond-cobalt oxide dispersed in ethylene glycol using RSM. International Communications in Heat and Mass Transfer, 2020, 117, 104760.	5.6	6