Behnam Mohseni-gharyehsafa

List of Publications by Year
in descending order

10 papers	408 citations	1039406 9 h-index	1372195 10 g-index
10 all docs	10 docs citations	10 times ranked	502 citing authors

#	Article	IF	Citations
1	Characterization and performance of a 3D-printed two-phase closed thermosyphon. Thermal Science and Engineering Progress, 2022, 28, 101001.	1.3	7
2	Soft computing analysis of thermohydraulic enhancement using twisted tapes in a flat-plate solar collector: Sensitivity analysis and multi-objective optimization. Journal of Cleaner Production, 2021, 314, 127947.	4.6	20
3	Comparing various machine learning approaches in modeling the dynamic viscosity of CuO/water nanofluid. Journal of Thermal Analysis and Calorimetry, 2020, 139, 2585-2599.	2.0	142
4	Precise prediction of biogas thermodynamic properties by using ANN algorithm. Renewable Energy, 2020, 147, 179-191.	4.3	32
5	Application of M5 tree regression, MARS, and artificial neural network methods to predict the Nusselt number and output temperature of CuO based nanofluid flows in a car radiator. International Communications in Heat and Mass Transfer, 2020, 116, 104667.	2.9	26
6	Optimizing flow properties of the different nanofluids inside a circular tube by using entropy generation minimization approach. Journal of Thermal Analysis and Calorimetry, 2019, 135, 801-811.	2.0	22
7	Applicability of connectionist methods to predict dynamic viscosity of silver/water nanofluid by using ANN-MLP, MARS and MPR algorithms. Engineering Applications of Computational Fluid Mechanics, 2019, 13, 220-228.	1.5	55
8	Precise calculation of natural gas sound speed using neural networks: An application in flow meter calibration. Flow Measurement and Instrumentation, 2018, 64, 90-103.	1.0	25
9	Sensitivity of natural gas flow measurement to AGA8 or GERG2008 equation of state utilization. Journal of Natural Gas Science and Engineering, 2018, 57, 305-321.	2.1	20
10	Using artificial neural network and quadratic algorithm for minimizing entropy generation of Al2O3-EG/W nanofluid flow inside parabolic trough solar collector. Renewable Energy, 2018, 129, 473-485.	4.3	59