

Behnam Mohseni-gharyehsafa

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

408
citations

1039406

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h-index

1372195

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g-index

10
all docs

10
docs citations

10
times ranked

502
citing authors

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