

Harish Kumar Ghrilahre

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Wind Speed Prediction of Central Region of Chhattisgarh (India) Using Artificial Neural Network and Multiple Linear Regression Technique: A Comparative Study. <i>Annals of Data Science</i> , 2023, 10, 851-873.	3.2	8
2	Heat transfer and friction factor characteristic investigation of roughened solar air heater using arc-shaped wire rib roughness. <i>International Journal of Ambient Energy</i> , 2022, 43, 5085-5099.	2.5	3
3	Design and performance improvements of solar based efficient hybrid electric vehicle. <i>International Journal of Emerging Electric Power Systems</i> , 2022, 23, 513-521.	0.8	1
4	A detailed review of various types of solar air heaters performance. <i>Solar Energy</i> , 2022, 237, 173-195.	6.1	35
5	A Comprehensive Review on Performance Prediction of Solar Air Heaters Using Artificial Neural Network. <i>Annals of Data Science</i> , 2021, 8, 405-449.	3.2	21
6	Accurate prediction of exergetic efficiency of solar air heaters using various predicting methods. <i>Journal of Cleaner Production</i> , 2021, 288, 125115.	9.3	25
7	Optimization of wind power plant sizing and placement by the application of multi-objective genetic algorithm (GA) in Madhya Pradesh, India. <i>Sustainable Computing: Informatics and Systems</i> , 2021, 32, 100606.	2.2	8
8	Application of ANN model to predict the performance of solar air heater using relevant input parameters. <i>Sustainable Energy Technologies and Assessments</i> , 2020, 40, 100764.	2.7	24
9	Thermal performance and heat transfer analysis of arc shaped roughened solar air heater – An experimental study. <i>Solar Energy</i> , 2020, 199, 173-182.	6.1	72
10	Performance prediction of porous bed solar air heater using MLP and GRNN model- A comparative study. <i>CSVТУ Research Journal on Engineering and Technology</i> , 2019, 8, 70-81.	0.1	5
11	Investigation of thermal performance of unidirectional flow porous bed solar air heater using MLP, GRNN, and RBF models of ANN technique. <i>Thermal Science and Engineering Progress</i> , 2018, 6, 226-235.	2.7	75
12	Development of Optimal ANN Model to Estimate the Thermal Performance of Roughened Solar Air Heater Using Two different Learning Algorithms. <i>Annals of Data Science</i> , 2018, 5, 453-467.	3.2	17
13	Application of ANN technique to predict the performance of solar collector systems - A review. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 84, 75-88.	16.4	172
14	Exergetic performance prediction of solar air heater using MLP, GRNN and RBF models of artificial neural network technique. <i>Journal of Environmental Management</i> , 2018, 223, 566-575.	7.8	125
15	Prediction of heat transfer of two different types of roughened solar air heater using Artificial Neural Network technique. <i>Thermal Science and Engineering Progress</i> , 2018, 8, 145-153.	2.7	52
16	Prediction of Thermal Performance of Unidirectional Flow Porous Bed Solar Air Heater with Optimal Training Function Using Artificial Neural Network. <i>Energy Procedia</i> , 2017, 109, 369-376.	1.8	48
17	Forecasting of Wind Speed by Using Three Different Techniques of Prediction Models. <i>Annals of Data Science</i> , 0, , 1.	3.2	1
18	Solar air heaters performance prediction using multi-layer perceptron neural network – A systematic review. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-18.	2.3	9