Harish Kumar Ghritlahre

List of Publications by Year
in descending order

18	701	840776 11	940533 16
papers	citations	h-index	g-index

18	18	18	552
all docs	docs citations	times ranked	citing authors

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