Manogaran Madhiarasan

List of Publications by Year
in descending order

15 papers	**245** citations	1163117 **8** h-index	1125743 **13** g-index
15 all docs	**15** docs citations	**15** times ranked	**180** citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative analysis on hidden neurons estimation in multi layer perceptron neural networks for wind speed forecasting. Artificial Intelligence Review, 2017, 48, 449-471.	15.7	66
2	A novel criterion to select hidden neuron numbers in improved back propagation networks for wind speed forecasting. Applied Intelligence, 2016, 44, 878-893.	5.3	50
3	Accurate prediction of different forecast horizons wind speed using a recursive radial basis function neural network. Protection and Control of Modern Power Systems, 2020, 5, .	7.5	34
4	Long-Term Wind Speed Forecasting using Spiking Neural Network Optimized by Improved Modified Grey Wolf Optimization Algorithm.. International Journal of Advanced Research, 2016, 4, 356-368.	0.0	23
5	Analysis of Artificial Neural Network: Architecture, Types, and Forecasting Applications. Journal of Electrical and Computer Engineering, 2022, 2022, 1-23.	0.9	20
6	ELMAN Neural Network with Modified Grey Wolf Optimizer for Enhanced Wind Speed Forecasting. Circuits and Systems, 2016, 07, 2975-2995.	0.1	12
7	Analysis of artificial neural network performance based on influencing factors forÂtemperature forecasting applications. Journal of High Speed Networks, 2020, 26, 209-223.	0.8	11
8	Long-term wind speed prediction using artificial neural network-based approaches. AIMS Geosciences, 2021, 7, 542-552.	1.0	8
9	Design and development of IoT based solar powered versatile moving robot for military application. International Journal of Systems Assurance Engineering and Management, 2021, 12, 437-450.	2.4	6
10	Precisious Estimation of Solar Irradiance by Innovative Neural Network and Identify Exact Hidden Layer Nodes through Novel Deciding Standard. Asian Journal of Research in Social Sciences and Humanities, 2016, 6, 951.	0.0	5
11	Novel Cooperative Multi-Input Multilayer Perceptron Neural Network Performance Analysis with Application of Solar Irradiance Forecasting. International Journal of Photoenergy, 2021, 2021, 1-24.	2.5	5
12	Determination of Adequate Hidden Neurons in Combo Neural Network Using New Formulation and Fine Tuning with IMGWOA for Enrich Wind-Speed Forecasting. International Journal of Applied Research on Information Technology and Computing, 2018, 9, 89.	0.1	3
13	Different Forecasting Horizons Based Performance Analysis of Electricity Load Forecasting Using Multilayer Perceptron Neural Network. Forecasting, 2021, 3, 804-838.	2.8	2
14	Short-Term Wind Speed Forecasting Using Meta Learning-based Elman Neural Network. Journal of Physics: Conference Series, 2021, 2068, 012045.	0.4	0
15	Enriched global horizontal irradiance prediction using novel ensemble improved backpropagation neural network. ITM Web of Conferences, 2022, 45, 01060.	0.5	0