Hongping Hu

List of Publications by Year
in descending order

21 papers	587 citations	623734 14 h-index	713466 21 g-index
21 all docs	21 docs citations	21 times ranked	587 citing authors

#	Article	IF	Citations
1	Predicting the direction of stock markets using optimized neural networks with Google Trends. Neurocomputing, 2018, 285, 188-195.	5.9	129
2	Generalized radial basis function neural network based on an improved dynamic particle swarm optimization and AdaBoost algorithm. Neurocomputing, 2015, 152, 305-315.	5.9	67
3	Prediction of influenza-like illness based on the improved artificial tree algorithm and artificial neural network. Scientific Reports, 2018, 8, 4895.	3.3	46
4	Denoising and Baseline Drift Removal Method of MEMS Hydrophone Signal Based on VMD and Wavelet Threshold Processing. IEEE Access, 2019, 7, 59913-59922.	4.2	40
5	Prediction and analysis of Corona Virus Disease 2019. PLoS ONE, 2020, 15, e0239960.	2.5	40
6	A Novel Hybrid Model Based on TVIW-PSO-GSA Algorithm and Support Vector Machine for Classification Problems. IEEE Access, 2019, 7, 27789-27801.	4.2	36
7	MEMS Hydrophone Signal Denoising and Baseline Drift Removal Algorithm Based on Parameter-Optimized Variational Mode Decomposition and Correlation Coefficient. Sensors, 2019, 19, 4622.	3.8	26
8	An Improved Harris's Hawks Optimization for SAR Target Recognition and Stock Market Index Prediction. IEEE Access, 2020, 8, 65891-65910.	4.2	25
9	A Hybrid Algorithm Based on Squirrel Search Algorithm and Invasive Weed Optimization for Optimization. IEEE Access, 2019, 7, 105652-105668.	4.2	24
10	Determination of endometrial carcinoma with gene expression based on optimized Elman neural network. Applied Mathematics and Computation, 2019, 341, 204-214.	2.2	20
11	Influenza Activity Surveillance Based on Multiple Regression Model and Artificial Neural Network. IEEE Access, 2018, 6, 563-575.	4.2	19
12	Two Kinds of Classifications Based on Improved Gravitational Search Algorithm and Particle Swarm Optimization Algorithm. Advances in Mathematical Physics, 2017, 2017, 1-7.	0.8	17
13	The Improved Antlion Optimizer and Artificial Neural Network for Chinese Influenza Prediction. Complexity, 2019, 2019, 1-12.	1.6	17
14	Breast Cancer Histopathological Images Recognition Based on Low Dimensional Three-Channel Features. Frontiers in Oncology, 2021, 11, 657560.	2.8	17
15	Regional level influenza study based on Twitter and machine learning method. PLoS ONE, 2019, 14, e0215600.	2.5	16
16	Radial Basis Function Neural Network Based on an Improved Exponential Decreasing Inertia Weight-Particle Swarm Optimization Algorithm for AQI Prediction. Abstract and Applied Analysis, 2014, 2014, 1-9.	0.7	13
17	Signal Denoising Based on Wavelet Threshold Denoising and Optimized Variational Mode Decomposition. Journal of Sensors, 2021, 2021, 1-23.	1.1	10
18	Initialization by a Novel Clustering for Wavelet Neural Network as Time Series Predictor. Computational Intelligence and Neuroscience, 2015, 2015, 1-9.	1.7	9

#	Article	IF	Citations
19	Breast cancer histopathological images recognition based on two-stage nuclei segmentation strategy. PLoS ONE, 2022, 17, e0266973.	2.5	9
20	MdpCaps-Csl for SAR Image Target Recognition With Limited Labeled Training Data. IEEE Access, 2020, 8, 176217-176231.	4.2	5
21	Direction of Arrival Estimation Based on DDOA and Self-Organizing Map. Mathematical Problems in Engineering, 2015, 2015, 1-8.	1.1	2