Hui-Xin Tian

List of Publications by Year
in descending order

27 papers	373 citations	1040056 9 h-index	888059 17 g-index
27 all docs	27 docs citations	27 times ranked	336 citing authors

#	Article	IF	Citations
1	An Ensemble ELM Based on Modified AdaBoost.RT Algorithm for Predicting the Temperature of Molten Steel in Ladle Furnace. IEEE Transactions on Automation Science and Engineering, 2010, 7, 73-80.	5.2	154
2	An adaptive update model based on improved Long Short Term Memory for online prediction of vibration signal. Journal of Intelligent Manufacturing, 2021, 32, 37-49.	7.3	24
3	State of health prediction for lithium€ion batteries with a novel online sequential extreme learning machine method. International Journal of Energy Research, 2021, 45, 2383-2397.	4.5	22
4	A New Incremental Learning Modeling Method Based on Multiple Models for Temperature Prediction of Molten Steel in LF. ISIJ International, 2009, 49, 58-63.	1.4	21
5	Modeling of electrode system for three-phase electric arc furnace. Central South University, 2010, 17, 560-565.	0.5	20
6	Gait Recognition Using GEI and AFDEI. International Journal of Optics, 2015, 2015, 1-5.	1.4	20
7	A Hybrid Vibration Signal Prediction Model Using Autocorrelation Local Characteristic-Scale Decomposition and Improved Long Short Term Memory. IEEE Access, 2019, 7, 60995-61007.	4.2	14
8	An outliers detection method of time series data for soft sensor modeling. , 2016, , .		11
9	A New AdaBoost.IR Soft Sensor Method for Robust Operation Optimization of Ladle Furnace Refining. ISIJ International, 2017, 57, 841-850.	1.4	10
10	Modeling and parameter identification of an electric arc for the arc furnace. , 2008, , .		9
11	Integrated Scheduling of Reheating Furnace and Hot Rolling Based on Improved Multiobjective Differential Evolution. Complexity, 2018, 2018, 1-19.	1.6	9
12	Optimization Study of Line Planning for High Speed Railway Based on an Improved Multi-Objective Differential Evolution Algorithm. IEEE Access, 2019, 7, 137731-137743.	4.2	8
13	Integrated Optimization of Finished Product Logistics in Iron and Steel Industry Using a Multi-objective Variable Neighborhood Search. ISIJ International, 2015, 55, 1932-1941.	1.4	7
14	A Pareto-Based Adaptive Variable Neighborhood Search for Biobjective Hybrid Flow Shop Scheduling Problem with Sequence-Dependent Setup Time. Mathematical Problems in Engineering, 2016, 2016, 1-11.	1.1	7
15	Application of Genetic Algorithm Combined with BP Neural Network in Soft Sensor of Molten Steel Temperature. , 2006, , .		6
16	A new modeling method based on bagging ELM for day-ahead electricity price prediction. , 2010, , .		6
17	Estimation of EV battery SOC based on KF dynamic neural network with GA. , 2018, , .		6
18	Adaptive Differential Evolution With Evolution Memory for Multiobjective Optimization. IEEE Access, 2019, 7, 866-876.	4.2	6

#	Article	IF	Citations
19	An Incremental Learning Ensemble Strategy for Industrial Process Soft Sensors. Complexity, 2019, 2019, 1-12.	1.6	5
20	A Bagging Based Multiobjective Differential Evolution With Multiple Subpopulations. IEEE Access, 2021, 9, 105902-105913.	4.2	5
21	An Improved Particle Swarm Optimization for Selective Single Machine Scheduling with Sequence Dependent Setup Costs and Downstream Demands. Mathematical Problems in Engineering, 2015, 2015, 1-11.	1.1	2
22	Time Series Prediction Method Based on E-CRBM. Electronics (Switzerland), 2021, 10, 416.	3.1	1
23	Prediction of day-ahead electricity price based on information fusion. , 2010, , .		0
24	The robust asymptotically stabilization of uncertain nonlinear systems based on high-gain observer. , 2010, , .		0
25	Target Tracking Algorithm Using Angular Point Matching Combined with Compressive Tracking. Advances in OptoElectronics, 2015, 2015, 1-10.	0.6	0
26	Compressor Health Prediction Based on Multi-Source Information Fusion and LSTM. , 2021, , .		0
27	The Prediction of Bubble Trajectory Based On ACEMD Filter and Double-RBF. , 2019, , .		0