Hai Guo

List of Publications by Year
in descending order

24 papers	301 citations	1307594 7 h-index	888059 17 g-index
24 all docs	24 docs citations	24 times ranked	291 citing authors

#	Article	IF	Citations
1	Deep Transfer Learning for Modality Classification of Medical Images. Information (Switzerland), 2017, 8, 91.	2.9	111
2	Effects of Crystallinity and Defects of Layered Carbon Materials on Potassium Storage: A Review and Prediction. Electrochemical Energy Reviews, 2022, 5, 401-433.	25.5	65
3	Prediction of Energy Storage Performance in Polymer Composites Using Highâ€Throughput Stochastic Breakdown Simulation and Machine Learning. Advanced Science, 2022, 9, e2105773.	11.2	36
4	Predicting Temperature of Permanent Magnet Synchronous Motor Based on Deep Neural Network. Energies, 2020, 13, 4782.	3.1	26
5	Computer Modeling of the Eddy Current Losses of Metal Fasteners in Rotor Slots of a Large Nuclear Steam Turbine Generator Based on Finite-Element Method and Deep Gaussian Process Regression. IEEE Transactions on Industrial Electronics, 2020, 67, 5349-5359.	7.9	15
6	Prediction of fatigue life of packaging EMC material based on RBF-SVM. International Journal of Materials and Product Technology, 2014, 49, 5.	0.2	9
7	Random forest and multilayer perceptron for predicting the dielectric loss of polyimide nanocomposite films. RSC Advances, 2017, 7, 30999-31008.	3.6	9
8	Offline handwritten Tai Le character recognition using ensemble deep learning. Visual Computer, 2022, 38, 3897-3910.	3.5	5
9	An Ensemble Learning for Predicting Breakdown Field Strength of Polyimide Nanocomposite Films. Journal of Nanomaterials, 2015, 2015, 1-11.	2.7	4
10	Cuckoo Search Algorithm for Multi-Objective Optimization of Transient Starting Characteristics of a Self-Starting HVPMSM. IEEE Transactions on Energy Conversion, 2021, 36, 1861-1872.	5.2	4
11	Predicting the eddy current loss of a large nuclear power turbo generator using a fuzzy c-means deep Gaussian process regression model. Applied Soft Computing Journal, 2022, 116, 108328.	7.2	3
12	Analysis of Corona Resistant Performance of Polyimide Matrix Nanocomposite Thin Films by PCA. Journal of Computational and Theoretical Nanoscience, 2015, 12, 890-893.	0.4	2
13	Study on the Automatic Recognition of Nanocomposite Thin Films Based on Gabor Features and MLP. Journal of Computational and Theoretical Nanoscience, 2015, 12, 886-889.	0.4	2
14	A predictive modelling of nanocomposite coating microhardness based on extremely randomised trees. International Journal of Materials and Product Technology, 2019, 58, 1.	0.2	2
15	Finiteâ€element analysis combined with an ensemble Gaussian process regression to predict the damper eddy current losses in a large turboâ€generator. IET Science, Measurement and Technology, 2020, 14, 446-453.	1.6	2
16	Research on Feature Extraction of Tai Le Recognition. , 2020, , .		2
17	Offline Printed Tai Le Character Recognition Using VGGNET. , 2021, , .		1
18	Tai Le Character Recognition Using Deep Convolution Neural Networks. , 2021, , .		1

#	Article	IF	Citations
19	Prediction of Electromagnetic Characteristics in Stator End Parts of a Turbo-Generator Based on MLP and SVR. Energies, 2021, 14, 5908.	3.1	1
20	Predicting Dielectric Constant of Polyimide Composites Using Data-Driven Wavelet Kernel Deep Gaussian Process. IEEE Transactions on Dielectrics and Electrical Insulation, 2022, 29, 1045-1052.	2.9	1
21	An Automatic Detection Method of Nanocomposite Film Element Based on GLCM and Adaboost M1. Advances in Materials Science and Engineering, 2015, 2015, 1-9.	1.8	0
22	Handwritten New Tai Lue Character Recognition Using Convolutional Prior Features and Deep Variationally Sparse Gaussian Process Modeling. ACM Transactions on Asian and Low-Resource Language Information Processing, 2022, 21, 1-25.	2.0	0
23	An ensemble deep neural network approach for predicting TOC concentration in lakes along the middle-lower reaches of Yangtze River. Journal of Intelligent and Fuzzy Systems, 2022, 42, 1455-1482.	1.4	0
24	Electrical Machine Bearing Fault Diagnosis Based on Deep Gaussian Process Optimized by Particle Swarm. WSEAS Transactions on Circuits and Systems, 2022, 21, 100-107.	0.4	0