Hui Chen

List of Publications by Year
in descending order

17 papers	622 citations	949033 11 h-index	1181555 14 g-index
17 all docs	17 docs citations	17 times ranked	543 citing authors

#	Article	IF	Citations
1	Numerical investigation of interaction between propulsion system behaviour and manoeuvrability of a large containership. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2022, 236, 355-375.	0.3	0
2	Adaptive Privacy-Preserving Federated Learning for Fault Diagnosis in Internet of Ships. IEEE Internet of Things Journal, 2022, 9, 6844-6854.	5.5	34
3	A Fast Anomaly Diagnosis Approach Based on Modified CNN and Multisensor Data Fusion. IEEE Transactions on Industrial Electronics, 2022, 69, 13636-13646.	5.2	22
4	Random convolutional neural network structure: An intelligent health monitoring scheme for diesel engines. Measurement: Journal of the International Measurement Confederation, 2021, 171, 108786.	2.5	29
5	A Bayesian inference-based approach for performance prognostics towards uncertainty quantification and its applications on the marine diesel engine. ISA Transactions, 2021, 118, 159-173.	3.1	27
6	Research on the fault monitoring method of marine diesel engines based on the manifold learning and isolation forest. Applied Ocean Research, 2021, 112, 102681.	1.8	28
7	Design and Analysis of an Active Disturbance Rejection Robust Adaptive Control System for Electromechanical Actuator. Actuators, 2021, 10, 307.	1.2	4
8	A Data-Driven-Based Fault Diagnosis Approach for Electrical Power DC-DC Inverter by Using Modified Convolutional Neural Network With Global Average Pooling and 2-D Feature Image. IEEE Access, 2020, 8, 73677-73697.	2.6	67
9	Optimization of sizing and frequency control in battery/supercapacitor hybrid energy storage system for fuel cell ship. Energy, 2020, 197, 117285.	4.5	108
10	An improved method of characterizing fracture resistance of asphalt mixtures using modified Paris'™ law: Part II€"Establishment of index for fracture resistance. Mechanics of Materials, 2019, 138, 103168.	1.7	9
11	A Novel Deep Learning Method for Intelligent Fault Diagnosis of Rotating Machinery Based on Improved CNN-SVM and Multichannel Data Fusion. Sensors, 2019, 19, 1693.	2.1	152
12	Development of an extended mean value engine model for predicting the marine two-stroke engine operation at varying settings. Energy, 2018, 143, 533-545.	4.5	30
13	Analysis of Two Stroke Marine Diesel Engine Operation Including Turbocharger Cut-Out by Using a Zero-Dimensional Model. Energies, 2015, 8, 5738-5764.	1.6	42
14	Optimal retrofitting of a hybrid propulsion system using NSGA-II algorithm for trailing suction hopper dredger. , 2015, , .		2
15	Computational investigation of a large containership propulsion engine operation at slow steaming conditions. Applied Energy, 2014, 130, 370-383.	5.1	65
16	Preparation and in vitro release properties of mercaptopurine drug-loaded magnetic microspheres. Journal Wuhan University of Technology, Materials Science Edition, 2013, 28, 1231-1235.	0.4	3
17	Simulation of Fuzzy PID Control for a Large Containership Speed at Slow Steaming Condition. Applied Mechanics and Materials, 0, 713-715, 734-738.	0.2	0