Jundong Zhang

List of Publications by Year
in descending order

19 papers	240 citations	1039406 9 h-index	996533 15 g-index
19 all docs	19 docs citations	19 times ranked	181 citing authors

#	Article	IF	Citations
1	Development of an educational virtual reality training system for marine engineers. Computer Applications in Engineering Education, 2019, 27, 580-602.	2.2	34
2	Multi-label classification for simultaneous fault diagnosis of marine machinery: A comparative study. Ocean Engineering, 2021, 239, 109723.	1.9	29
3	A comparative investigation of data-driven approaches based on one-class classifiers for condition monitoring of marine machinery system. Ocean Engineering, 2020, 201, 107174.	1.9	28
4	Development of a real-time two-stroke marine diesel engine model with in-cylinder pressure prediction capability. Applied Energy, 2017, 194, 55-70.	5.1	25
5	A one-class SVM based approach for condition-based maintenance of a naval propulsion plant with limited labeled data. Ocean Engineering, 2019, 193, 106592.	1.9	24
6	Input Feature Mappings-Based Deep Residual Networks for Fault Diagnosis of Rolling Element Bearing With Complicated Dataset. IEEE Access, 2020, 8, 180967-180976.	2.6	23
7	Head-Mounted, Display-Based Immersive Virtual Reality Marine-Engine Training System: A Fully Immersive and Interactive Virtual Reality Environment. IEEE Systems, Man, and Cybernetics Magazine, 2020, 6, 46-51.	1.2	12
8	Applicable and Comparative Research of Compressor Mass Flow Rate and Isentropic Efficiency Empirical Models to Marine Large-Scale Compressor. Energies, 2020, 13, 47.	1.6	11
9	Development of a Marine Two-Stroke Diesel Engine MVEM with In-Cylinder Pressure Trace Predictive Capability and a Novel Compressor Model. Journal of Marine Science and Engineering, 2020, 8, 204.	1.2	10
10	A Collective Intelligence Based Differential Evolution Algorithm for Optimizing the Structure and Parameters of a Neural Network. IEEE Access, 2020, 8, 69601-69614.	2.6	9
11	Development Research of Marine Engine Room Simulator for Offshore Supply Vessel Based On Virtual Reality Technology. International Journal of Multimedia and Ubiquitous Engineering, 2016, 11, 105-120.	0.3	7
12	Multi-Objective Economic Scheduling of a Shipboard Microgrid Based on Self-Adaptive Collective Intelligence DE Algorithm. IEEE Access, 2020, 8, 73204-73219.	2.6	6
13	Decay detection of a marine gas turbine with contaminated data based on isolation forest approach. Ships and Offshore Structures, 2021, 16, 546-556.	0.9	6
14	Self-adaptive collective intelligence-based mutation operator for differential evolution algorithms. Journal of Supercomputing, 2020, 76, 876-896.	2.4	5
15	Numerical investigation of the high pressure selective catalytic reduction system impact on marine two-stroke diesel engines. International Journal of Naval Architecture and Ocean Engineering, 2021, 13, 659-673.	1.0	5
16	Self-adaptive DE algorithm without niching parameters for multi-modal optimization problems. Applied Intelligence, 2022, 52, 12888-12923.	3.3	5
17	Application of Extended Lattice Gas Automata Model in Ship Evacuation Simulation. Mobile Information Systems, 2021, 2021, 1-13.	0.4	1
18	Fault Diagnosis for Rolling Element Bearing in Dataset Bias Scenario. Journal of Shanghai Jiaotong University (Science), 0, , 1.	0.5	0

#	Article	IF	Citations
19	Feature Design Assessment of the Ship Fire Alarm System. Scientific Programming, 2021, 2021, 1-12.	0.5	0