Jundong Zhang

List of Publications by Year
in descending order

19 papers	240 citations	1040056 9 h-index	996975 15 g-index
19 all docs	19 docs citations	19 times ranked	181 citing authors

#	Article	IF	Citations
1	Self-adaptive DE algorithm without niching parameters for multi-modal optimization problems. Applied Intelligence, 2022, 52, 12888-12923.	5.3	5
2	Decay detection of a marine gas turbine with contaminated data based on isolation forest approach. Ships and Offshore Structures, 2021, 16, 546-556.	1.9	6
3	Feature Design Assessment of the Ship Fire Alarm System. Scientific Programming, 2021, 2021, 1-12.	0.7	0
4	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.	2.3	5
5	Multi-label classification for simultaneous fault diagnosis of marine machinery: A comparative study. Ocean Engineering, 2021, 239, 109723.	4.3	29
6	Application of Extended Lattice Gas Automata Model in Ship Evacuation Simulation. Mobile Information Systems, 2021, 2021, 1-13.	0.6	1
7	Self-adaptive collective intelligence-based mutation operator for differential evolution algorithms. Journal of Supercomputing, 2020, 76, 876-896.	3.6	5
8	Input Feature Mappings-Based Deep Residual Networks for Fault Diagnosis of Rolling Element Bearing With Complicated Dataset. IEEE Access, 2020, 8, 180967-180976.	4.2	23
9	Multi-Objective Economic Scheduling of a Shipboard Microgrid Based on Self-Adaptive Collective Intelligence DE Algorithm. IEEE Access, 2020, 8, 73204-73219.	4.2	6
10	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.	1.4	12
11	A Collective Intelligence Based Differential Evolution Algorithm for Optimizing the Structure and Parameters of a Neural Network. IEEE Access, 2020, 8, 69601-69614.	4.2	9
12	Applicable and Comparative Research of Compressor Mass Flow Rate and Isentropic Efficiency Empirical Models to Marine Large-Scale Compressor. Energies, 2020, 13, 47.	3.1	11
13	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.	2.6	10
14	A comparative investigation of data-driven approaches based on one-class classifiers for condition monitoring of marine machinery system. Ocean Engineering, 2020, 201, 107174.	4.3	28
15	Development of an educational virtual reality training system for marine engineers. Computer Applications in Engineering Education, 2019, 27, 580-602.	3.4	34
16	A one-class SVM based approach for condition-based maintenance of a naval propulsion plant with limited labeled data. Ocean Engineering, 2019, 193, 106592.	4.3	24
17	Development of a real-time two-stroke marine diesel engine model with in-cylinder pressure prediction capability. Applied Energy, 2017, 194, 55-70.	10.1	25
18	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.	0.4	7

#	Article	IF	Citations
19	Fault Diagnosis for Rolling Element Bearing in Dataset Bias Scenario. Journal of Shanghai Jiaotong University (Science), 0, , 1.	0.9	0