

# Jundong Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3806596/publications.pdf>

Version: 2024-02-01

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

#	ARTICLE	IF	CITATIONS
19	Fault Diagnosis for Rolling Element Bearing in Dataset Bias Scenario. Journal of Shanghai Jiaotong University (Science), 0, , 1.	0.5	0