

# Ruoli Tang

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

418  
citations

1163117  
8  
h-index

752698  
20  
g-index

23  
all docs

23  
docs citations

23  
times ranked

336  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel optimal energy-management strategy for a maritime hybrid energy system based on large-scale global optimization. <i>Applied Energy</i> , 2018, 228, 254-264.	10.1	109
2	Optimal operation of photovoltaic/battery/diesel/cold-ironing hybrid energy system for maritime application. <i>Energy</i> , 2018, 162, 697-714.	8.8	89
3	Large-scale photovoltaic system on green ship and its MPPT controlling. <i>Solar Energy</i> , 2017, 157, 614-628.	6.1	44
4	Configuration of marine photovoltaic system and its MPPT using model predictive control. <i>Solar Energy</i> , 2017, 158, 995-1005.	6.1	39
5	Optimal operation of hybrid energy system for intelligent ship: An ultrahigh-dimensional model and control method. <i>Energy</i> , 2020, 211, 119077.	8.8	23
6	Suppression strategy of short-term and long-term environmental disturbances for maritime photovoltaic system. <i>Applied Energy</i> , 2020, 259, 114183.	10.1	22
7	A Hybrid Constraints Handling Strategy for Multiconstrained Multiobjective Optimization Problem of Microgrid Economical/Environmental Dispatch. <i>Complexity</i> , 2017, 2017, 1-12.	1.6	18
8	Decentralizing and coevolving differential evolution for large-scale global optimization problems. <i>Applied Intelligence</i> , 2017, 47, 1208-1223.	5.3	15
9	Design and intelligent control of building integrated photovoltaic system. <i>Journal of Renewable and Sustainable Energy</i> , 2017, 9, .	2.0	8
10	Health indicator construction for roller bearing based on an unsupervised deep belief network with a novel sigmoid zero local minimum point model. <i>Structural Health Monitoring</i> , 2021, 20, 2110-2123.	7.5	8
11	Improving the robustness of spatial networks by link addition: more and dispersed links perform better. <i>Nonlinear Dynamics</i> , 2020, 100, 2287-2298.	5.2	7
12	A novel two-stage constraints handling framework for real-world multi-constrained multi-objective optimization problem based on evolutionary algorithm. <i>Applied Intelligence</i> , 2021, 51, 8212-8229.	5.3	7
13	Optimal power flow dispatching of maritime hybrid energy system using model predictive control. <i>Energy Procedia</i> , 2019, 158, 6183-6188.	1.8	6
14	Robust configuration and intelligent MPPT control for building integrated photovoltaic system based on extreme learning machine. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021, 40, 12283-12300.	1.4	6
15	A Two-Stage Offline-to-Online Multiobjective Optimization Strategy for Ship Integrated Energy System Economical/ Environmental Scheduling Problem. <i>Complexity</i> , 2021, 2021, 1-12.	1.6	4
16	A novel optimization framework for integrated local energy system multi-objective dispatch problem based on dynamic knowledge base. <i>International Journal of Electrical Power and Energy Systems</i> , 2021, 128, 106736.	5.5	3
17	Intelligent Scheduling Methodology for UAV Swarm Remote Sensing in Distributed Photovoltaic Array Maintenance. <i>Sensors</i> , 2022, 22, 4467.	3.8	3
18	Ultrahigh-Dimensional Model and Optimization Algorithm for Resource Allocation in Large-Scale Intelligent D2D Communication System. <i>Complexity</i> , 2021, 2021, 1-10.	1.6	2

#	ARTICLE	IF	CITATIONS
19	Dynamic Model and Intelligent Maximum Power Point Tracking Approach for Large-Scale Building-Integrated Photovoltaic System. Energy Technology, 2022, 10, .	3.8	2
20	A Knowledge based Multi-objective Optimization Strategy for Microgrid Environmental/Economic Scheduling problems. Energy Procedia, 2019, 158, 2942-2947.	1.8	1
21	A novel coevolving differential evolution and its application in intelligent device-to-device communication systems. Journal of Intelligent and Fuzzy Systems, 2022, 42, 1607-1621.	1.4	1
22	Large-scale photovoltaic system in green building: MPPT control based on deep neural network and dynamic time-window. Journal of Intelligent and Fuzzy Systems, 2022, 43, 4769-4787.	1.4	1
23	Optimal operation for marine hybrid power system: Novel optimization algorithm and comprehensive analysis for penalty functions. Journal of Intelligent and Fuzzy Systems, 2022, , 1-23.	1.4	0