

Zhi-Feng Liu

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,026
citations

516561

16
h-index

580701

25
g-index

25
all docs

25
docs citations

25
times ranked

785
citing authors

#	ARTICLE	IF	CITATIONS
1	Using multi-objective sparrow search algorithm to establish active distribution network dynamic reconfiguration integrated optimization. <i>Expert Systems With Applications</i> , 2022, 193, 116445.	4.4	32
2	Performance evaluation of solar hybrid combined cooling, heating and power systems: A multi-objective arithmetic optimization algorithm. <i>Energy Conversion and Management</i> , 2022, 258, 115541.	4.4	28
3	Design and Optimization of Combined Cooling, Heating, and Power Microgrid with Energy Storage Station Service. <i>Symmetry</i> , 2022, 14, 791.	1.1	3
4	Improving short-term wind power prediction using hybrid improved cuckoo search arithmetic - Support vector regression machine. <i>Journal of Cleaner Production</i> , 2021, 279, 123739.	4.6	53
5	Short-term photovoltaic power prediction on modal reconstruction: A novel hybrid model approach. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 45, 101048.	1.7	20
6	A cloud load forecasting model with nonlinear changes using whale optimization algorithm hybrid strategy. <i>Soft Computing</i> , 2021, 25, 10205-10220.	2.1	12
7	Improved tunicate swarm algorithm: Solving the dynamic economic emission dispatch problems. <i>Applied Soft Computing Journal</i> , 2021, 108, 107504.	4.1	97
8	Dynamic economic emission dispatch considering renewable energy generation: A novel multi-objective optimization approach. <i>Energy</i> , 2021, 235, 121407.	4.5	88
9	Photovoltaic array prediction on short-term output power method in Centralized power generation system. <i>Annals of Operations Research</i> , 2020, 290, 243-263.	2.6	12
10	Reducing environmental pollution and fuel consumption using optimization algorithm to develop combined cooling heating and power system operation strategies. <i>Journal of Cleaner Production</i> , 2020, 247, 119082.	4.6	46
11	Prediction short-term photovoltaic power using improved chicken swarm optimizer - Extreme learning machine model. <i>Journal of Cleaner Production</i> , 2020, 248, 119272.	4.6	87
12	Power load forecasting in energy system based on improved extreme learning machine. <i>Energy Exploration and Exploitation</i> , 2020, 38, 1194-1211.	1.1	10
13	Life prediction of lithium-ion battery based on a hybrid model. <i>Energy Exploration and Exploitation</i> , 2020, 38, 1854-1878.	1.1	10
14	Wind power prediction using a novel model on wavelet decomposition-support vector machines-improved atomic search algorithm. <i>Journal of Cleaner Production</i> , 2020, 270, 121817.	4.6	69
15	The Open-Circuit Voltage Characteristic and State of Charge Estimation for Lithium-Ion Batteries Based on an Improved Estimation Algorithm. <i>Journal of Testing and Evaluation</i> , 2020, 48, 20170558.	0.4	10
16	Prediction of IGBT power module remaining lifetime using the aging state approach. <i>Microelectronics Reliability</i> , 2019, 102, 113476.	0.9	12
17	Improving the Reliability of Photovoltaic and Wind Power Storage Systems Using Least Squares Support Vector Machine Optimized by Improved Chicken Swarm Algorithm. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3788.	1.3	12
18	Joint optimization method for task scheduling time and energy consumption in mobile cloud computing environment. <i>Applied Soft Computing Journal</i> , 2019, 80, 534-545.	4.1	67

#	ARTICLE	IF	CITATIONS
19	Renewable energy prediction: A novel short-term prediction model of photovoltaic output power. Journal of Cleaner Production, 2019, 228, 359-375.	4.6	112
20	Optimal scale Gaussian process regression model in Insulated Gate Bipolar Transistor remaining life prediction. Applied Soft Computing Journal, 2019, 78, 261-273.	4.1	19
21	Extreme learning machine optimized by whale optimization algorithm using insulated gate bipolar transistor module aging degree evaluation. Expert Systems With Applications, 2019, 127, 58-67.	4.4	63
22	Enhancing the Lithium-ion battery life predictability using a hybrid method. Applied Soft Computing Journal, 2019, 74, 110-121.	4.1	68
23	A maximum power point tracking method for PV system with improved gravitational search algorithm. Applied Soft Computing Journal, 2018, 65, 333-348.	4.1	53
24	Biogeography-based optimization based on population competition strategy for solving the substation location problem. Expert Systems With Applications, 2018, 97, 290-302.	4.4	31
25	Reliability measure model for electromechanical products under multiple types of uncertainties. Applied Soft Computing Journal, 2018, 65, 69-78.	4.1	12