

Lefeng Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

753
citations

623188

14
h-index

752256

20
g-index

29
all docs

29
docs citations

29
times ranked

570
citing authors

#	ARTICLE	IF	CITATIONS
1	2PnS-EG: A general two-population n-strategy evolutionary game for strategic long-term bidding in a deregulated market under different market clearing mechanisms. <i>International Journal of Electrical Power and Energy Systems</i> , 2022, 142, 108182.	3.3	18
2	General Three-Population Multi-Strategy Evolutionary Games for Long-Term On-Grid Bidding of Generation-Side Electricity Market. <i>IEEE Access</i> , 2021, 9, 5177-5198.	2.6	5
3	A Modified Sparrow Search Algorithm with Application in 3d Route Planning for UAV. <i>Sensors</i> , 2021, 21, 1224.	2.1	138
4	Dynamics Analysis of a Wireless Rechargeable Sensor Network for Virus Mutation Spreading. <i>Entropy</i> , 2021, 23, 572.	1.1	7
5	Behavioral decision-making in power demand-side response management: A multi-population evolutionary game dynamics perspective. <i>International Journal of Electrical Power and Energy Systems</i> , 2021, 129, 106743.	3.3	26
6	Emotional Deep Learning Programming Controller for Automatic Voltage Control of Power Systems. <i>IEEE Access</i> , 2021, 9, 31880-31891.	2.6	19
7	A Path Planning Strategy with Ant Colony Algorithm for Series Connected Batteries. <i>Electronics (Switzerland)</i> , 2020, 9, 1816.	1.8	4
8	Equilibrium analysis of general N-population multi-strategy games for generation-side long-term bidding: An evolutionary game perspective. <i>Journal of Cleaner Production</i> , 2020, 276, 124123.	4.6	35
9	Attack-Defense Game between Malicious Programs and Energy-Harvesting Wireless Sensor Networks Based on Epidemic Modeling. <i>Complexity</i> , 2020, 2020, 1-19.	0.9	7
10	Two-population Asymmetric Evolutionary Game Dynamics-based Decision-making Behavior Analysis for A Supply-side Electric Power Bidding Market. <i>E3S Web of Conferences</i> , 2020, 194, 03009.	0.2	0
11	A new generation of AI: A review and perspective on machine learning technologies applied to smart energy and electric power systems. <i>International Journal of Energy Research</i> , 2019, 43, 1928-1973.	2.2	169
12	Game-Theoretic Approaches Applied to Transactions in the Open and Ever-Growing Electricity Markets From the Perspective of Power Demand Response: An Overview. <i>IEEE Access</i> , 2019, 7, 25727-25762.	2.6	62
13	Energy Internet Access Equipment Integrating Cyber-Physical Systems: Concepts, Key Technologies, System Development, and Application Prospects. <i>IEEE Access</i> , 2019, 7, 23127-23148.	2.6	46
14	Smart dispatching for energy internet with complex cyber-physical-social systems: A parallel dispatch perspective. <i>International Journal of Energy Research</i> , 2019, 43, 3080-3133.	2.2	19
15	Design of An Intelligent Split-type Electricity Utilization Measurement and Control Terminal for Local Household Energy Management and Optimization. <i>E3S Web of Conferences</i> , 2018, 53, 01010.	0.2	0
16	Design of An Intelligent Hierarchical System for Fingerprint Management of Electricity Loads Based on Operating Characteristics of Household Appliances. <i>E3S Web of Conferences</i> , 2018, 53, 04007.	0.2	0
17	Exploration and Exploitation of New Knowledge Emergence to Improve the Collective Intelligent Decision-Making Level of Web-of-Cells With Cyber-Physical-Social Systems Based on Complex Network Modeling. <i>IEEE Access</i> , 2018, 6, 74204-74239.	2.6	16
18	Hot Spot Temperature and Grey Target Theory-Based Dynamic Modelling for Reliability Assessment of Transformer Oil-Paper Insulation Systems: A Practical Case Study. <i>Energies</i> , 2018, 11, 249.	1.6	16

#	ARTICLE	IF	CITATIONS
19	Nash Equilibrium-Based Asymptotic Stability Analysis of Multi-Group Asymmetric Evolutionary Games in Typical Scenario of Electricity Market. IEEE Access, 2018, 6, 32064-32086.	2.6	47
20	Dissolved Gas Analysis Principle-Based Intelligent Approaches to Fault Diagnosis and Decision Making for Large Oil-Immersed Power Transformers: A Survey. Energies, 2018, 11, 913.	1.6	52
21	Local Energy Management and Optimization: A Novel Energy Universal Service Bus System Based on Energy Internet Technologies. Energies, 2018, 11, 1160.	1.6	17
22	Accelerating bio-inspired optimizer with transfer reinforcement learning for reactive power optimization. Knowledge-Based Systems, 2017, 116, 26-38.	4.0	45
23	System architecture design for coordinated-control of large-scale distributed equipment in energy universal service bus system. , 2017, , .		0
24	Design and development of a new-type terminal for smart electricity use in the energy USB system. IOP Conference Series: Earth and Environmental Science, 2017, 94, 012169.	0.2	0