

Yinghua Han

List of Publications by Year in descending order

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37
papers

252
citations

1478505

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g-index

37
all docs

37
docs citations

37
times ranked

248
citing authors

#	ARTICLE	IF	CITATIONS
1	Electricity Theft Detection in Power Grids with Deep Learning and Random Forests. Journal of Electrical and Computer Engineering, 2019, 2019, 1-12.	0.9	113
2	Multi-Agent Reinforcement Learning Approach for Residential Microgrid Energy Scheduling. Energies, 2020, 13, 123.	3.1	32
3	Decarbonization Scheduling Strategy Optimization for Electricity-Gas System Considering Electric Vehicles and Refined Operation Model of Power-to-Gas. IEEE Access, 2021, 9, 5716-5733.	4.2	25
4	Connectivity Verification in Distribution Systems Using Smart Meter Voltage Analytics: A Cloud-Edge Collaboration Approach. IEEE Transactions on Industrial Informatics, 2021, 17, 3929-3939.	11.3	12
5	Non-Intrusive Load Monitoring Based on Deep Pairwise-Supervised Hashing to Detect Unidentified Appliances. Processes, 2021, 9, 505.	2.8	10
6	An Online Hybrid Model for Temperature Prediction of Wind Turbine Gearbox Components. Energies, 2019, 12, 3920.	3.1	7
7	A Novel Optimization of Plug-In Electric Vehicles Charging and Discharging Behaviors in Electrical Distribution Grid. Journal of Electrical and Computer Engineering, 2018, 2018, 1-9.	0.9	6
8	Non-Intrusive load monitoring by voltage-current trajectory enabled asymmetric deep supervised hashing. IET Generation, Transmission and Distribution, 2021, 15, 3066.	2.5	5
9	An Optimal Operating Strategy for Battery Life Cycle Costs in Electric Vehicles. Journal of Applied Mathematics, 2014, 2014, 1-6.	0.9	4
10	An Abnormal Data Processing Method Based on An Ensemble Algorithm for Early Warning of Wind Turbine Failure. IEEE Access, 2021, 9, 69044-69060.	4.2	4
11	Research on unit commitment considering battery swapping station and fluctuating wind power. , 2015, , .		3
12	A MBCRF Algorithm Based on Ensemble Learning for Building Demand Response Considering the Thermal Comfort. Energies, 2018, 11, 3495.	3.1	3
13	Smart Meter Data Analytics for Distribution Network. , 2018, , .		3
14	Generalized Modeling and Coordinated Management of Energy Hub Incorporating Wind Power and Demand Response. , 2019, , .		3
15	TSARM-UDP: An Efficient Time Series Association Rules Mining Algorithm Based on Up-to-Date Patterns. Entropy, 2021, 23, 365.	2.2	3
16	Risk-Averse Multiobjective Optimization for Integrated Electricity and Heating System: An Augment Epsilon-Constraint Approach. IEEE Systems Journal, 2022, 16, 5142-5153.	4.6	3
17	Abnormality monitoring and causality analysis based on KF-PDC and IACE in blast furnace ironmaking process. Ironmaking and Steelmaking, 2022, 49, 634-645.	2.1	3
18	Fast Fuzzy Clustering Algorithm for Time Series in Industrial Processes. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
19	Energy Scheduling and Decision Learning of Combined Cooling, Heating and Power Microgrid Based on Deep Deterministic Policy Gradient. , 2020, , .		2
20	An electricity load forecasting method based on association rule analysis in smart grid. , 2016, , .		1
21	Multi-objective security-constrained unit commitment model considering wind power and EVs. , 2016, , .		1
22	A multi-objective optimization strategy for combined heat and power systems of the energy internet. , 2017, , .		1
23	Modeling and Accessment of the Regional Energy Internet Based on Multi-Agent. , 2018, , .		1
24	An Improved Neighborhood-Based Recommendation Algorithm Optimization with Clustering Analysis and Latent Factor Model. , 2019, , .		1
25	Industrial APP Design for Data Dynamic Monitoring of Strip Production Process. , 2019, , .		1
26	A Method of Bad Data Identification Based on Improved GSA Algorithm. , 2019, , .		1
27	Temporal Association Rule Mining and Updating and Their Application to Blast Furnace in the Steel Industry. Computational Intelligence and Neuroscience, 2020, 2020, 1-21.	1.7	1
28	Economic Dispatch of Energy System With Uncertain Renewable Energy Sources. , 2019, , .		1
29	Compressive sensing of block-sparse signals recovery based on sparsity adaptive regularized orthogonal matching pursuit algorithm. , 2012, , .		0
30	A Dynamic Optimal Pilot Design Method for OFDM Systems. Circuits, Systems, and Signal Processing, 2014, 33, 3621-3634.	2.0	0
31	Bad Data Identification in Power System Based on Improved GSA Algorithm. , 2018, , .		0
32	Short-Term Load Combination Forecasting Based on Cluster Analysis. , 2018, , .		0
33	A Tripartite Graph Recommendation Algorithm Based on Item Information and User Preference. , 2019, , .		0
34	Pattern Matching Strategy Based on Optimized Fuzzy Clustering Algorithm for Industrial Internet. , 2019, , .		0
35	Improved Detection Algorithm for Multiple-Input Multiple-Output Wireless Communication Systems. Journal of Computational and Theoretical Nanoscience, 2016, 13, 6240-6244.	0.4	0
36	Robust Optimal Operation of Multiple Energy Systems with High Wind Power Penetration Considering Thermal Inertia of District Heating Network and Carbon Emissions. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
37	Data-driven reliable prediction of production indicators in the blast furnace using TS fuzzy neural network based on bat algorithm. Journal of Experimental and Theoretical Artificial Intelligence, 2024, 36, 213-234.	2.8	0