

CITATION REPORT

List of articles citing

A new generation of AI: A review and perspective on machine learning technologies applied to smart energy and electric power systems

DOI: 10.1002/er.4333

International Journal of Energy Research, 2019, 43, 1928-1973

Source: <https://exaly.com/paper-pdf/73421085/citation-report.pdf>

Version: 2024-04-09

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
106	A Reinforcement Learning Approach to Solve Service Restoration and Load Management Simultaneously for Distribution Networks. 2019 , 7, 145978-145987		13
105	Game-Theoretic Approaches Applied to Transactions in the Open and Ever-Growing Electricity Markets From the Perspective of Power Demand Response: An Overview. 2019 , 7, 25727-25762		34
104	A Study of Smart System of Power Utilization Safety Management Based on A Cloud Platform. 2019 , 7, 145978-145987		1
103	Investigation of the Impact of Large-Scale Integration of Electric Vehicles for a Swedish Distribution Network. 2019 , 12, 4717		11
102	A Survey of Artificial Intelligence Algorithm in Power System Applications. 2019 , 7, 145978-145987		2
101	The risk of block chain financial market based on particle swarm optimization. 2020 , 370, 112667		12
100	A review of machine learning for new generation smart dispatch in power systems. 2020 , 88, 103372		21
99	Application of Machine Learning to Stomatology: A Comprehensive Review. 2020 , 8, 184360-184374		8
98	A Novel Approach for Detecting Anomalous Energy Consumption Based on Micro-Moments and Deep Neural Networks. 2020 , 12, 1381-1401		25
97	Smart grid security enhancement by detection and classification of non-technical losses employing deep learning algorithm. 2020 , 30, e12521		5
96	Machine learning for human learners: opportunities, issues, tensions and threats. 2020 , 69, 2109		13
95	Modeling and optimization of non-edible papaya seed waste oil synthesis using data mining approaches. 2020 , 33, 151-159		4
94	Soft computing approaches for comparative prediction of the mechanical properties of jute fiber reinforced concrete. 2020 , 149, 102887		20
93	Equilibrium analysis of general N-population multi-strategy games for generation-side long-term bidding: An evolutionary game perspective. 2020 , 276, 124123		17
92	Optimization of a 660 MWe Supercritical Power Plant PerformanceA Case of Industry 4.0 in the Data-Driven Operational Management Part 1. Thermal Efficiency. 2020 , 13, 5592		13
91	Optimization of a 660 MWe Supercritical Power Plant PerformanceA Case of Industry 4.0 in the Data-Driven Operational Management. Part 2. Power Generation. 2020 , 13, 5619		8
90	Knowledge-based generation of a plant-specific reinforcement learning framework for energy reduction of production plants. 2020 , 149, 102887		1

89	Machine learning-based energy consumption clustering and forecasting for mixed-use buildings. <i>International Journal of Energy Research</i> , 2020 , 44, 9659-9673	4.5	11
88	Fuel Classification based on Flame Characteristics using a Time Series Analysis with Fuzzy Support Vector Machine Algorithm. 2020 , 15, e2395		
87	Deep learning methods and applications for electrical power systems: A comprehensive review. <i>International Journal of Energy Research</i> , 2020 , 44, 7136-7157	4.5	37
86	New fault diagnostic strategies for refrigerant charge fault in a VRF system using hybrid machine learning method. 2021 , 33, 101577		1
85	Multistep energy consumption forecasting by metaheuristic optimization of time-series analysis and machine learning. <i>International Journal of Energy Research</i> , 2021 , 45, 4581-4612	4.5	14
84	The nonlinear shift to renewable microgrids: Phase transitions in electricity systems. <i>International Journal of Energy Research</i> , 2021 , 45, 3016-3030	4.5	
83	Applications of reinforcement learning in energy systems. 2021 , 137, 110618		34
82	Advanced machine learning applications to modern power systems. 2021 , 209-257		1
81	Introduction to machine learning in the power generation industry. 2021 , 77-92		2
80	Observation on Comprehensive Energy Trend. 2021 , 765-795		
79	General Three-Population Multi-Strategy Evolutionary Games for Long-Term On-Grid Bidding of Generation-Side Electricity Market. 2021 , 9, 5177-5198		3
78	Multidimensional Intelligent Distribution Network Load Analysis and Forecasting Management System Based on Multidata Fusion Technology. 2021 , 2021, 1-24		0
77	Construction of Operational Data-Driven Power Curve of a Generator by Industry 4.0 Data Analytics. 2021 , 14, 1227		6
76	An Attention-Based Multilayer GRU Model for Multistep-Ahead Short-Term Load Forecasting. 2021 , 21,		13
75	IoT Based Energy Monitoring and Outage Reporting. 2021 ,		0
74	Transient stability assessment model with parallel structure and data augmentation. 2021 , 31, e12872		2
73	A systematic study on shaping the future of solar prosumage using deep learning. 2021 , 5, 477		3
72	Deep Reinforcement Learning based Applications in Smart Power Systems. 2021 , 1881, 022051		0

71	Review of load data analytics using deep learning in smart grids: Open load datasets, methodologies, and application challenges. <i>International Journal of Energy Research</i> , 2021 , 45, 14274-14305	4.5	4
70	Boosting algorithms in energy research: a systematic review. 2021 , 33, 14101		10
69	A holistic review on energy forecasting using big data and deep learning models. <i>International Journal of Energy Research</i> , 2021 , 45, 13489-13530	4.5	18
68	An efficient distributed approach for a self-healing smart grid using minimal spanning tree. <i>International Journal of Energy Research</i> , 2021 , 45, 15049-15084	4.5	0
67	Flexible Transmission Network Expansion Planning Based on DQN Algorithm. 2021 , 14, 1944		4
66	Continuous monitoring of power consumption in urban buildings based on Internet of Things. 1-7		4
65	An Open-Source Many-Scenario Approach for Power System Dynamic Simulation on HPC Clusters. 2021 , 10, 1330		0
64	Behavioral decision-making in power demand-side response management: A multi-population evolutionary game dynamics perspective. 2021 , 129, 106743		6
63	Temperature Control of Proton Exchange Membrane Fuel Cell Based on Machine Learning. 2021 , 9,		0
62	Weather classification-based load and solar insolation forecasting for residential applications with LSTM neural networks. 1		0
61	Transmission Network Dynamic Planning Based on a Double Deep-Q Network With Deep ResNet. 2021 , 9, 76921-76937		1
60	Data-Driven Trajectory Prediction of Grid Power Frequency Based on Neural Models. 2021 , 10, 151		5
59	Day-ahead renewable scenario forecasts based on generative adversarial networks. <i>International Journal of Energy Research</i> , 2021 , 45, 7572-7587	4.5	5
58	Advances in Machine Learning Modeling Reviewing Hybrid and Ensemble Methods. 2020 , 215-227		21
57	Artificial Intelligence in Supply Chain Operations Planning: Collaboration and Digital Perspectives. 2020 , 365-378		3
56	Deep Learning in Mining and Mineral Processing Operations: A Review. 2020 , 53, 11920-11925		5
55	Prediction of biodiesel production from microalgal oil using Bayesian optimization algorithm-based machine learning approaches. 2022 , 309, 122184		8
54	Power to the Relational Inductive Bias. 2021 ,		1

53	Key technologies for smart energy systems: Recent developments, challenges, and research opportunities in the context of carbon neutrality. 2021 , 331, 129809	9
52	Evaluation of Smart Energy Management Systems and Novel UV-Oriented Solution for Integration, Resilience, Inclusiveness and Sustainability. 2020 ,	1
51	The Network Reliability Assessment and Risk Prevention Measures for the Power System of Kazakhstan Due to High Renewables. 2020 ,	
50	Decision Support System for Forecasting the trends in Energy Sector of Pakistan: Multivariate Modeling with Socio-economic and Environmental Factors. 2021 ,	
49	Deep-learning-based short-term electricity load forecasting: A real case application. 2022 , 109, 104645	3
48	Data-Driven Energy Waste Minimization at Energy Distribution Networks. 2022 , 1-21	
47	Finite volume method network for the acceleration of unsteady computational fluid dynamics: Non-reacting and reacting flows. <i>International Journal of Energy Research</i> ,	4.5 0
46	Context-aware Edge Computing and Internet of Things in Smart Grids: A systematic mapping study. 2022 , 99, 107826	3
45	Data-driven probabilistic machine learning in sustainable smart energy/smart energy systems: Key developments, challenges, and future research opportunities in the context of smart grid paradigm. 2022 , 160, 112128	5
44	Applications of blockchain and artificial intelligence technologies for enabling prosumers in smart grids: A review. 2022 , 161, 112308	5
43	Application of Artificial Intelligence and Machine Learning Techniques in Island Detection in a Smart Grid. 2022 , 79-109	
42	Spatial-temporal data analysis of digital twin. 2, 7	0
41	Artificial Intelligence for Electricity Supply Chain automation. 2022 , 163, 112459	4
40	2PnS-EG: A general two-population n-strategy evolutionary game for strategic long-term bidding in a deregulated market under different market clearing mechanisms. 2022 , 142, 108182	3
39	A 3D indicator for guiding AI applications in the energy sector. 2022 , 9, 100167	1
38	Machine Learning for Risk and Resilience Assessment in Structural Engineering: Progress and Future Trends. 2022 , 148,	2
37	Spatial-Temporal Data Analysis in Nonlinear System.	
36	Development and validation of a deep learning-based model for predicting burnup nuclide density.	1

35	Artificial intelligence powered large-scale renewable integrations in multi-energy systems for carbon neutrality transition: Challenges and future perspectives. 2022 , 10, 100195	0
34	Energy-Optimized Trajectory Planning for Solar-Powered Aircraft in a Wind Field Using Reinforcement Learning. 2022 , 10, 87715-87732	0
33	A Review on Machine Learning Styles in Computer Vision - Techniques and Future Directions. 2022 , 1-1	0
32	Application of Big Data Analytics and Machine Learning to Large-Scale Synchrophasor Datasets: Evaluation of Dataset Machine Learning-Readiness 2022 , 9, 386-397	0
31	Situation Awareness of Energy Internet of Thing in Smart City Based on Digital Twin: From Digitization to Informatization. 2022 , 1-1	1
30	AI-enabled Integration in the Supply Chain. 2022 , 2,	0
29	Short-Term Wind Power Prediction Based on LightGBM and Meteorological Reanalysis. 2022 , 15, 6287	1
28	Magnetohydrodynamic stabilizer suppressing gas entrainment for safety improvement in a sodium-cooled fast reactor.	0
27	Evaluation of the Students Learning Status in the Foreign Language Classroom Based on Machine Vision. 2022 , 2022, 1-12	0
26	Multi-objective optimal scheduling of reserve capacity of electric vehicles based on user wishes. 10,	0
25	Modeling the Effect of Streetscape Environment on Crime Using Street View Images and Interpretable Machine-Learning Technique. 2022 , 19, 13833	0
24	Whose interests will AI serve? Autonomous agents in infrastructure use. 1-16	0
23	Deep learning for power quality. 2023 , 214, 108887	1
22	Application of Machine Learning Techniques for Asset Management and Proactive Analysis in Power Systems. 2022 ,	0
21	Finding the Optimum Horizon for Short-Term Solar Irradiance Forecasting Using Long Short-Term Memory (LSTM) Network. 2022 ,	0
20	Perspective Chapter: Future Perspectives of Intelligent Autonomous Vehicles.	0
19	A precise inversion method of cable joint core temperature with non-embedded detection based on UMAP and ISSA-BPNN. 10,	0
18	Enhanced deep neural networks with transfer learning for distribution LMP considering load and PV uncertainties. 2023 , 147, 108780	0

17	A Review on a Data-Driven Microgrid Management System Integrating an Active Distribution Network: Challenges, Issues, and New Trends. 2022 , 15, 8739	1
16	Deep Reinforcement Learning and Energy Price Prediction. 2023 , 207-231	0
15	Big data and artificial intelligence application in energy field: a bibliometric analysis.	1
14	A Review of Deep Reinforcement Learning Approaches for Smart Manufacturing in Industry 4.0 and 5.0 Framework. 2022 , 12, 12377	1
13	Artificial intelligence driven hydrogen and battery technologies [A review. 2022 , 126862	1
12	An intelligent analysis method of security and stability control strategy based on the knowledge graph. 10,	0
11	A Monte Carlo tree search-based method for decision making of generator serial restoration sequence. 10,	0
10	Two-stage scheduling of integrated energy systems based on a two-step DCGAN-based scenario prediction approach. 10,	0
9	AI-oriented Smart Power System Transient Stability: The Rationality, Applications, Challenges and Future Opportunities. 2023 , 56, 102990	0
8	Data Analytics Applications in Digital Energy System Operation. 2023 , 25-52	0
7	AI and Energy Justice. 2023 , 16, 2110	0
6	Using the Multilayer Perceptron (MLP) Model in Predicting the Patterns of Solar Irradiance at Several Time Intervals. 2023 ,	0
5	Machine Learning for Smart Cities: A Survey. 2022 ,	0
4	Seeking innovation: The research protocol for SMEs' networking. 2023 , 9, e14689	0
3	A brief overview of artificial intelligence in dentistry: Current scope and future applications. 2023 , 11, 12-16	0
2	A Review of Machine Learning Approaches in Synchrophasor Technology. 2023 , 11, 33520-33541	0
1	Multi-Source Information Fusion Technology and Its Application in Smart Distribution Power System. 2023 , 15, 6170	0