

# Yang Li

## List of Publications by Year in Descending Order

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**Version:** 2024-04-27

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

85  
papers

1,666  
citations

20  
h-index

39  
g-index

104  
ext. papers

2,768  
ext. citations

4.5  
avg, IF

5.9  
L-index

#	Paper	IF	Citations
85	Improved normal-boundary intersection algorithm: A method for energy optimization strategy in smart buildings. <i>Building and Environment</i> , <b>2022</b> , 212, 108846	6.5	2
84	Joint planning of distributed generations and energy storage in active distribution networks: A Bi-Level programming approach. <i>Energy</i> , <b>2022</b> , 245, 123226	7.9	3
83	Probabilistic load flow calculation of AC/DC hybrid system based on cumulant method. <i>International Journal of Electrical Power and Energy Systems</i> , <b>2022</b> , 139, 107998	5.1	1
82	Stochastic optimal scheduling of demand response-enabled microgrids with renewable generations: An analytical-heuristic approach. <i>Journal of Cleaner Production</i> , <b>2022</b> , 330, 129840	10.3	11
81	A Deep-Learning intelligent system incorporating data augmentation for Short-Term voltage stability assessment of power systems. <i>Applied Energy</i> , <b>2022</b> , 308, 118347	10.7	9
80	Hierarchical stochastic scheduling of multi-community integrated energy systems in uncertain environments via Stackelberg game. <i>Applied Energy</i> , <b>2022</b> , 308, 118392	10.7	8
79	Virtual synchronous generator of PV generation without energy storage for frequency support in autonomous microgrid. <i>International Journal of Electrical Power and Energy Systems</i> , <b>2022</b> , 134, 107343	5.1	11
78	State identification of home appliance with transient features in residential buildings. <i>Frontiers in Energy</i> , <b>2022</b> , 16, 130-143	2.6	
77	A robust approach for the decomposition of high-energy-consuming industrial loads with deep learning. <i>Journal of Cleaner Production</i> , <b>2022</b> , 349, 131208	10.3	0
76	Robust Dynamic State Estimator of Integrated Energy Systems based on Natural Gas Partial Differential Equations. <i>IEEE Transactions on Industry Applications</i> , <b>2022</b> , 1-1	4.3	2
75	Probabilistic Charging Power Forecast of EVCS: Reinforcement Learning Assisted Deep Learning Approach. <i>IEEE Transactions on Intelligent Vehicles</i> , <b>2022</b> , 1-1	5	1
74	A BCS-GDE Multi-objective Optimization Algorithm for Combined Cooling, Heating and Power Model with Decision Strategies. <i>Applied Thermal Engineering</i> , <b>2022</b> , 118685	5.8	1
73	A Critical Review of Data-Driven Transient Stability Assessment of Power Systems: Principles, Prospects and Challenges. <i>Energies</i> , <b>2021</b> , 14, 7238	3.1	3
72	Dynamic State Estimation for Integrated Natural Gas and Electric Power Systems <b>2021</b> ,		1
71	Bitcoin transaction strategy construction based on deep reinforcement learning. <i>Applied Soft Computing Journal</i> , <b>2021</b> , 113, 107952	7.5	4
70	Robust Kalman Filter-Based Dynamic State Estimation of Natural Gas Pipeline Networks. <i>Mathematical Problems in Engineering</i> , <b>2021</b> , 2021, 1-10	1.1	2
69	Optimal scheduling of integrated demand response-enabled integrated energy systems with uncertain renewable generations: A Stackelberg game approach. <i>Energy Conversion and Management</i> , <b>2021</b> , 235, 113996	10.6	55

68	Optimal Scheduling of Integrated Demand Response-Enabled Smart Park Integrated Energy Systems in Uncertain Environment. <i>IEEE Transactions on Industry Applications</i> , <b>2021</b> , 1-1	4.3	12
67	Modeling Method for the Coupling Relations of Microgrid Cyber-Physical Systems Driven by Hybrid Spatiotemporal Events. <i>IEEE Access</i> , <b>2021</b> , 9, 19619-19631	3.5	2
66	Stacked Autoencoder Framework of False Data Injection Attack Detection in Smart Grid. <i>Mathematical Problems in Engineering</i> , <b>2021</b> , 2021, 1-8	1.1	0
65	Frequency support scheme based on parametrized power curve for de-loaded wind turbine under various wind speed. <i>Wind Engineering</i> , <b>2021</b> , 0309524X2110351	1.2	
64	Coordinating Flexible Demand Response and Renewable Uncertainties for Scheduling of Community Integrated Energy Systems With an Electric Vehicle Charging Station: A Bi-Level Approach. <i>IEEE Transactions on Sustainable Energy</i> , <b>2021</b> , 12, 2321-2331	8.2	54
63	Non-intrusive load decomposition based on CNN LSTM hybrid deep learning model. <i>Energy Reports</i> , <b>2021</b> , 7, 5762-5771	4.6	12
62	Optimal Scheduling of Isolated Microgrids Using Automated Reinforcement Learning-Based Multi-Period Forecasting. <i>IEEE Transactions on Sustainable Energy</i> , <b>2021</b> , 1-1	8.2	24
61	Deep Learning for Short-Term Voltage Stability Assessment of Power Systems. <i>IEEE Access</i> , <b>2021</b> , 9, 29711-29718	3.5	18
60	Privacy-preserving Spatiotemporal Scenario Generation of Renewable Energies: A Federated Deep Generative Learning Approach. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 1-1	11.9	14
59	A Review of Data-Driven Short-Term Voltage Stability Assessment of Power Systems: Concept, Principle, and Challenges. <i>Mathematical Problems in Engineering</i> , <b>2021</b> , 2021, 1-12	1.1	
58	Random Vector Functional Link Network Optimized by Jaya Algorithm for Transient Stability Assessment of Power Systems. <i>Mathematical Problems in Engineering</i> , <b>2020</b> , 2020, 1-9	1.1	1
57	Power Cyber-Physical System Risk Area Prediction Using Dependent Markov Chain and Improved Grey Wolf Optimization. <i>IEEE Access</i> , <b>2020</b> , 8, 82844-82854	3.5	10
56	Leveraging inter-firm influence in the diffusion of energy efficiency technologies: An agent-based model. <i>Applied Energy</i> , <b>2020</b> , 263, 114641	10.7	9
55	Nonintrusive Appliance Identification With Appliance-Specific Networks. <i>IEEE Transactions on Industry Applications</i> , <b>2020</b> , 1-1	4.3	2
54	A Mini-Review on High-Penetration Renewable Integration Into a Smarter Grid. <i>Frontiers in Energy Research</i> , <b>2020</b> , 8,	3.8	3
53	Security-Constrained Multi-Objective Optimal Power Flow for a Hybrid AC/VSC-MTDC System With Lasso-Based Contingency Filtering. <i>IEEE Access</i> , <b>2020</b> , 8, 6801-6811	3.5	12
52	Multi-Objective Optimal Reactive Power Dispatch of Power Systems by Combining Classification-Based Multi-Objective Evolutionary Algorithm and Integrated Decision Making. <i>IEEE Access</i> , <b>2020</b> , 8, 38198-38209	3.5	27
51	Indicator & crowding distance-based evolutionary algorithm for combined heat and power economic emission dispatch. <i>Applied Soft Computing Journal</i> , <b>2020</b> , 90, 106158	7.5	19

50	Analyzing the co-evolution of green technology diffusion and consumers' pro-environmental attitudes: An agent-based model. <i>Journal of Cleaner Production</i> , <b>2020</b> , 256, 120384	10.3	10
49	Bi-level optimal low-carbon economic dispatch for an industrial park with consideration of multi-energy price incentives. <i>Applied Energy</i> , <b>2020</b> , 262, 114276	10.7	24
48	Improving operational flexibility of integrated energy system with uncertain renewable generations considering thermal inertia of buildings. <i>Energy Conversion and Management</i> , <b>2020</b> , 207, 112526	10.6	93
47	Method for Extracting Patterns of Coordinated Network Attacks on Electric Power CPS Based on Temporal-Topological Correlation. <i>IEEE Access</i> , <b>2020</b> , 8, 57260-57272	3.5	9
46	Multi-Agent Cooperation Based Reduced-Dimension Q(Learning for Optimal Carbon-Energy Combined-Flow. <i>Energies</i> , <b>2020</b> , 13, 4778	3.1	0
45	Corrections to Nonintrusive Appliance Identification With Appliance-Specific Networks [Jul/Aug 20 3443-3452]. <i>IEEE Transactions on Industry Applications</i> , <b>2020</b> , 56, 5678-5678	4.3	3
44	A stator current vector orientation based multi-objective integrative suppressions of flexible load vibration and torque ripple for PMSM considering electrical loss. <i>CES Transactions on Electrical Machines and Systems</i> , <b>2020</b> , 4, 161-171	2.3	3
43	Online Static Voltage Stability Monitoring for Power Systems Using PMU Data. <i>Mathematical Problems in Engineering</i> , <b>2020</b> , 2020, 1-8	1.1	1
42	Dynamic State Estimation of Generators Under Cyber Attacks. <i>IEEE Access</i> , <b>2019</b> , 7, 125253-125267	3.5	20
41	Controlled Islanding for a Hybrid AC/DC Grid With VSC-HVDC Using Semi-Supervised Spectral Clustering. <i>IEEE Access</i> , <b>2019</b> , 7, 10478-10490	3.5	14
40	Optimisation and comprehensive evaluation of alternative energising paths for power system restoration. <i>IET Generation, Transmission and Distribution</i> , <b>2019</b> , 13, 1923-1932	2.5	12
39	Incorporating energy storage and user experience in isolated microgrid dispatch using a multi-objective model. <i>IET Renewable Power Generation</i> , <b>2019</b> , 13, 973-981	2.9	52
38	Robust Cubature Kalman Filter for Dynamic State Estimation of Synchronous Machines Under Unknown Measurement Noise Statistics. <i>IEEE Access</i> , <b>2019</b> , 7, 29139-29148	3.5	31
37	Optimal Scheduling of an Isolated Microgrid With Battery Storage Considering Load and Renewable Generation Uncertainties. <i>IEEE Transactions on Industrial Electronics</i> , <b>2019</b> , 66, 1565-1575	8.9	166
36	Social cognitive optimization with tent map for combined heat and power economic dispatch. <i>International Transactions on Electrical Energy Systems</i> , <b>2019</b> , 29, e2660	2.2	12
35	Survivability Evaluation Method for Cascading Failure of Electric Cyber Physical System Considering Load Optimal Allocation. <i>Mathematical Problems in Engineering</i> , <b>2019</b> , 2019, 1-15	1.1	7
34	Communication and Computation Cooperation in Wireless Network for Mobile Edge Computing. <i>IEEE Access</i> , <b>2019</b> , 7, 106260-106274	3.5	6
33	Incorporating Demand Response of Electric Vehicles in Scheduling of Isolated Microgrids With Renewables Using a Bi-Level Programming Approach. <i>IEEE Access</i> , <b>2019</b> , 7, 116256-116266	3.5	32

32	Method for Power Flow Controller Location-Allocation and Optimized Flow Control method of Meshed DC Grid <b>2019</b> ,		1
31	Non-Intrusive Appliance Identification with Appliance-Specific Networks <b>2019</b> ,		6
30	Two-stage multi-objective OPF for AC/DC grids with VSC-HVDC: Incorporating decisions analysis into optimization process. <i>Energy</i> , <b>2018</b> , 147, 286-296	7.9	62
29	A two-stage approach for combined heat and power economic emission dispatch: Combining multi-objective optimization with integrated decision making. <i>Energy</i> , <b>2018</b> , 162, 237-254	7.9	101
28	Optimal distributed generation planning in active distribution networks considering integration of energy storage. <i>Applied Energy</i> , <b>2018</b> , 210, 1073-1081	10.7	181
27	Method for Quantitative Estimation of the Risk Propagation Threshold in Electric Power CPS Based on Seepage Probability. <i>IEEE Access</i> , <b>2018</b> , 6, 68813-68823	3.5	21
26	On the Disruptive Innovation Strategy of Renewable Energy Technology Diffusion: An Agent-Based Model. <i>Energies</i> , <b>2018</b> , 11, 3217	3.1	7
25	Two-Step Many-Objective Optimal Power Flow Based on Knee Point-Driven Evolutionary Algorithm. <i>Processes</i> , <b>2018</b> , 6, 250	2.9	6
24	Optimal scheduling of isolated microgrid with an electric vehicle battery swapping station in multi-stakeholder scenarios: A bi-level programming approach via real-time pricing. <i>Applied Energy</i> , <b>2018</b> , 232, 54-68	10.7	111
23	Online Static Security Assessment of Power Systems Based on Lasso Algorithm. <i>Applied Sciences (Switzerland)</i> , <b>2018</b> , 8, 1442	2.6	12
22	Optimized hierarchical power oscillations control for distributed generation under unbalanced conditions. <i>Applied Energy</i> , <b>2017</b> , 194, 343-352	10.7	49
21	Application of EOS-ELM With Binary Jaya-Based Feature Selection to Real-Time Transient Stability Assessment Using PMU Data. <i>IEEE Access</i> , <b>2017</b> , 5, 23092-23101	3.5	87
20	A two-stage multi-objective optimal power flow algorithm for hybrid AC/DC grids with VSC-HVDC <b>2017</b> ,		3
19	The analysis of DC fault mode effects on MMC-HVDC system <b>2017</b> ,		3
18	A Transient Fault Recognition Method for an AC-DC Hybrid Transmission System Based on MMC Information Fusion. <i>Energies</i> , <b>2017</b> , 10, 23	3.1	6
17	Optimized Secondary Control for Distributed Generation under Unbalanced Conditions. <i>Energy Procedia</i> , <b>2016</b> , 88, 349-355	2.3	2
16	Determination of Optimal Opening Scheme for Electromagnetic Loop Networks Based on Fuzzy Analytic Hierarchy Process. <i>Mathematical Problems in Engineering</i> , <b>2016</b> , 2016, 1-11	1.1	5
15	Application of Shannon Wavelet Entropy and Shannon Wavelet Packet Entropy in Analysis of Power System Transient Signals. <i>Entropy</i> , <b>2016</b> , 18, 437	2.8	13

14	Experimental study on black-start capability of VSC-HVDC for passive networks <b>2016</b> ,		2
13	Multi-objective Optimization Operation Considering Environment Benefits and Economy Based on Ant Colony Optimization for Isolated Micro-grids. <i>Energy Procedia</i> , <b>2016</b> , 104, 21-26	2.3	6
12	Feature selection for transient stability assessment based on kernelized fuzzy rough sets and memetic algorithm. <i>International Journal of Electrical Power and Energy Systems</i> , <b>2015</b> , 64, 664-670	5.1	40
11	A Multifeature Fusion Approach for Power System Transient Stability Assessment Using PMU Data. <i>Mathematical Problems in Engineering</i> , <b>2015</b> , 2015, 1-10	1.1	7
10	Rule Extraction Based on Extreme Learning Machine and an Improved Ant-Miner Algorithm for Transient Stability Assessment. <i>PLoS ONE</i> , <b>2015</b> , 10, e0130814	3.7	10
9	Optimized Extreme Learning Machine for Power System Transient Stability Prediction Using Synchrophasors. <i>Mathematical Problems in Engineering</i> , <b>2015</b> , 2015, 1-8	1.1	34
8	Research and Development on the On-Line Monitoring System of Cable Line Arrester. <i>Applied Mechanics and Materials</i> , <b>2013</b> , 448-453, 2294-2297	0.3	
7	Application of Extreme Learning Machine in Transient Stability Assessment of Power Systems. <i>Applied Mechanics and Materials</i> , <b>2013</b> , 392, 544-547	0.3	1
6	Power system transient stability assessment based on online sequential extreme learning machine <b>2013</b> ,		3
5	Fault Diagnosis of Transformer Based on Quantum-Behaved Particle Swarm Optimization-Based Least Squares Support Vector Machines <b>2009</b> ,		4
4	Short-Term Load Forecasting Based on LS-SVM Optimized by Bacterial Colony Chemotaxis Algorithm <b>2009</b> ,		11
3	Short-Term Load Forecasting Based on LS-SVM Optimized by BCC Algorithm <b>2009</b> ,		3
2	Single Phase Adaptive Reclosure of Transmission Lines Based on EMD Approximate Entropy and LS-SVM with BCC <b>2009</b> ,		1
1	Comparison of Algorithms for an Electronic Nose in Identifying Liquors. <i>Journal of Bionic Engineering</i> , <b>2008</b> , 5, 253-257	2.7	19