

Yue Song

List of Publications by Year in descending order

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49
papers

1,171
citations

516561

16
h-index

395590

33
g-index

49
all docs

49
docs citations

49
times ranked

1364
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Lactobacillus acidophilus</i> alleviates type 2 diabetes by regulating hepatic glucose, lipid metabolism and gut microbiota in mice. <i>Food and Function</i> , 2019, 10, 5804-5815.	2.1	139
2	Online Distributed MPC-Based Optimal Scheduling for EV Charging Stations in Distribution Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2019, 15, 638-649.	7.2	135
3	Radiality Constraints for Resilient Reconfiguration of Distribution Systems: Formulation and Application to Microgrid Formation. <i>IEEE Transactions on Smart Grid</i> , 2020, 11, 3944-3956.	6.2	105
4	Optimal Operation of Battery Energy Storage System Considering Distribution System Uncertainty. <i>IEEE Transactions on Sustainable Energy</i> , 2018, 9, 1051-1060.	5.9	87
5	Hierarchical Optimal Allocation of Battery Energy Storage Systems for Multiple Services in Distribution Systems. <i>IEEE Transactions on Sustainable Energy</i> , 2020, 11, 1911-1921.	5.9	76
6	A New Formulation of Distribution Network Reconfiguration for Reducing the Voltage Volatility Induced by Distributed Generation. <i>IEEE Transactions on Power Systems</i> , 2020, 35, 496-507.	4.6	59
7	Multiagent System Based Microgrid Energy Management via Asynchronous Consensus ADMM. <i>IEEE Transactions on Energy Conversion</i> , 2018, 33, 886-888.	3.7	57
8	Electrochemical immunosensor for detecting the spore wall protein of <i>Nosema bombycis</i> based on the amplification of hemin/G-quadruplex DNAzyme concatamers functionalized Pt@Pd nanowires. <i>Biosensors and Bioelectronics</i> , 2014, 60, 118-123.	5.3	47
9	Static Voltage Stability Analysis of Distribution Systems Based on Network-Load Admittance Ratio. <i>IEEE Transactions on Power Systems</i> , 2019, 34, 2270-2280.	4.6	44
10	Optimal Scheduling for EV Charging Stations in Distribution Networks: A Convexified Model. <i>IEEE Transactions on Power Systems</i> , 2016, , 1-1.	4.6	43
11	Distinct Gut Microbiota and Metabolite Profiles Induced by Different Feeding Methods in Healthy Chinese Infants. <i>Frontiers in Microbiology</i> , 2020, 11, 714.	1.5	39
12	A Distributed Framework for Stability Evaluation and Enhancement of Inverter-Based Microgrids. <i>IEEE Transactions on Smart Grid</i> , 2017, 8, 3020-3034.	6.2	31
13	Network-Based Analysis of Small-Disturbance Angle Stability of Power Systems. <i>IEEE Transactions on Control of Network Systems</i> , 2018, 5, 901-912.	2.4	31
14	A general coordinated voltage regulation method in distribution networks with soft open points. <i>International Journal of Electrical Power and Energy Systems</i> , 2020, 116, 105571.	3.3	23
15	Impact of DG Connection Topology on the Stability of Inverter-Based Microgrids. <i>IEEE Transactions on Power Systems</i> , 2019, 34, 3970-3972.	4.6	22
16	State-in-mode analysis of the power flow Jacobian for static voltage stability. <i>International Journal of Electrical Power and Energy Systems</i> , 2019, 105, 671-678.	3.3	21
17	Small-disturbance angle stability analysis of microgrids: A graph theory viewpoint. , 2015, , .		19
18	Optimal Electric Spring Allocation for Risk-Limiting Voltage Regulation in Distribution Systems. <i>IEEE Transactions on Power Systems</i> , 2020, 35, 273-283.	4.6	19

#	ARTICLE	IF	CITATIONS
19	On Extension of Effective Resistance With Application to Graph Laplacian Definiteness and Power Network Stability. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 4415-4428.	3.5	16
20	Bi-Objective Reactive Power Reserve Optimization to Coordinate Long- and Short-Term Voltage Stability. IEEE Access, 2018, 6, 13057-13065.	2.6	15
21	Stability and Control of Power Grids. Annual Review of Control, Robotics, and Autonomous Systems, 2022, 5, 689-716.	7.5	15
22	Modulation effect of chenpi extract on gut microbiota in high-fat diet-induced obese C57BL/6 mice. Journal of Food Biochemistry, 2021, 45, e13541.	1.2	13
23	Interval optimal reactive power reserve dispatch considering generator rescheduling. IET Generation, Transmission and Distribution, 2016, 10, 1833-1841.	1.4	12
24	Impact of High Penetration of Renewable Resources on Power System Transient Stability. , 2019, , .		12
25	Characterization of Cutsets in Networks With Application to Transient Stability Analysis of Power Systems. IEEE Transactions on Control of Network Systems, 2018, 5, 1261-1274.	2.4	11
26	Optimal Operation of Electric Springs for Voltage Regulation in Distribution Systems. IEEE Transactions on Industrial Informatics, 2020, 16, 2551-2561.	7.2	11
27	Ensuring Network Connectedness in Optimal Transmission Switching Problems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2603-2607.	2.2	7
28	A Hierarchical Framework for Ambient Signals Based Load Modeling: Exploring the Hidden Quasi-Convexity. IEEE Transactions on Power Systems, 2021, 36, 5780-5791.	4.6	6
29	Stochastic optimal reactive power dispatch method based on point estimation considering load margin. , 2014, , .		5
30	Distributed inter-area oscillation damping control for power systems by using wind generators and load aggregators. International Journal of Electrical Power and Energy Systems, 2020, 123, 106201.	3.3	5
31	Chance-Constrained OPF in Droop-Controlled Microgrids With Power Flow Routers. IEEE Transactions on Smart Grid, 2022, 13, 2601-2613.	6.2	5
32	Local stability of DC microgrids: A perspective of graph laplacians with self-loops. , 2017, , .		4
33	Free Triiodothyronine Is Associated with Poor Outcomes after Acute Ischemic Stroke. International Journal of Clinical Practice, 2022, 2022, 1-6.	0.8	4
34	Transient stability analysis of microgrids with a line-based model. , 2016, , .		3
35	Prevalence of dental caries profile in children and adolescents in rural Jiangsu Province. Archives of Disease in Childhood, 2018, 103, 1184-1185.	1.0	3
36	A Novel Interpretation for Opinion Consensus in Social Networks With Antagonisms. IEEE Access, 2019, 7, 51475-51483.	2.6	3

#	ARTICLE	IF	CITATIONS
37	Reducing BESS Capacity for Accommodating Renewables in Subtransmission Systems with Power Flow Routers. , 2020, , .		3
38	Formulating Connectedness in Security-Constrained Optimal Transmission Switching Problems. IEEE Transactions on Power Systems, 2022, 37, 4137-4140.	4.6	3
39	A new type of MW and MVar dispatch index for meeting voltage stability margin criteria based on normal vector of limit surface. , 2015, , .		2
40	Voltage Stability Assessment with Multi-infeed High-voltage DC Based on Voltage/Power Characteristics of Dynamic Reactive Power Sources. Electric Power Components and Systems, 2016, 44, 903-915.	1.0	2
41	Exploring the similarity between Hanâ€™s and non-Hanâ€™s Yuan poetry: Resistance distance metrics over character co-occurrence networks. Digital Scholarship in the Humanities, 2022, 37, 880-893.	0.4	2
42	Closure to Discussion on "A New Formulation of Distribution Network Reconfiguration for Reducing the Voltage Volatility Induced by Distributed Generation" IEEE Transactions on Power Systems, 2020, 35, 4975-4976.	4.6	2
43	Sequential Data-Driven Automatic Calibration of Wind Turbine Fault Information in Smart Grids. IEEE Internet of Things Journal, 2022, 9, 8943-8952.	5.5	2
44	Short-term Reactive Power Reserve Optimization Based on Trajectory Sensitivity. Journal of Electrical Engineering and Technology, 2017, 12, 541-548.	1.2	2
45	Microgrid Stability Enhancement by Incorporating BESS Droop Gain Tuning. , 2021, , .		2
46	Convex Relaxation of AC Optimal Power Flow With Flexible Transmission Line Impedances. IEEE Transactions on Power Systems, 2022, 37, 3129-3132.	4.6	2
47	The optimal admittance matrix problem in DC networks. Electric Power Systems Research, 2020, 189, 106754.	2.1	1
48	Enhancing Flexibility at the Transmission-Distribution Interface With Power Flow Routers. IEEE Transactions on Power Systems, 2022, 37, 2948-2960.	4.6	1
49	A method to improve reactive reserve management with respect to voltage stability. , 2015, , .		0