

List of Publications by Year in descending order

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2105
citing authors

#	ARTICLE	IF	CITATIONS
1	Data-Driven Resource Planning for Virtual Power Plant Integrating Demand Response Customer Selection and Storage. IEEE Transactions on Industrial Informatics, 2022, 18, 1833-1844.	7.2	28
2	Deep Domain Adaptation for Non-Intrusive Load Monitoring Based on a Knowledge Transfer Learning Network. IEEE Transactions on Smart Grid, 2022, 13, 280-292.	6.2	28
3	A Privacy-Preserving Federated Learning Method for Probabilistic Community-Level Behind-the-Meter Solar Generation Disaggregation. IEEE Transactions on Smart Grid, 2022, 13, 268-279.	6.2	38
4	A Single-to-Multi Network for Latency-Free Non-Intrusive Load Monitoring. IEEE Transactions on Network Science and Engineering, 2022, 9, 755-768.	4.1	1
5	Multistakeholder Planning and Operational Strategy for Electric Vehicle Battery Swapping Stations. IEEE Systems Journal, 2022, 16, 3543-3553.	2.9	4
6	SAMNet: Toward Latency-Free Non-Intrusive Load Monitoring via Multi-Task Deep Learning. IEEE Transactions on Smart Grid, 2022, 13, 2412-2424.	6.2	18
7	Robust Distribution System Expansion Planning Incorporating Thermostatically-Controlled-Load Demand Response Resource. IEEE Transactions on Smart Grid, 2022, 13, 302-313.	6.2	8
8	Privacy-Preserving Household Characteristic Identification With Federated Learning Method. IEEE Transactions on Smart Grid, 2022, 13, 1088-1099.	6.2	15
9	An Improved Electromechanical Oscillation-Based Inertia Estimation Method. IEEE Transactions on Power Systems, 2022, 37, 2479-2482.	4.6	8
10	Understanding and Evaluating Systemwide Impacts of Uncertain Parameters in the Dynamic Load Model on Short-Term Voltage Stability. IEEE Transactions on Power Systems, 2021, 36, 2093-2102.	4.6	11
11	Data-Driven Estimation of Inertia for Multiarea Interconnected Power Systems Using Dynamic Mode Decomposition. IEEE Transactions on Industrial Informatics, 2021, 17, 2686-2695.	7.2	40
12	Synchronized Ambient Output-Only Based Online Inter-Area Transfer Capability Assessment Considering Small Signal Stability. IEEE Transactions on Power Systems, 2021, 36, 261-270.	4.6	9
13	Photovoltaic Hosting Capacity Sensitivity to Active Distribution Network Management. IEEE Transactions on Power Systems, 2021, 36, 107-117.	4.6	41
14	Develop Load Shape Dictionary Through Efficient Clustering Based on Elastic Dissimilarity Measure. IEEE Transactions on Smart Grid, 2021, 12, 442-452.	6.2	15
15	Tidal Energy Hosting Capacity in Australia's Future Energy Mix. Energies, 2021, 14, 1479.	1.6	0
16	Out-of-Step detection based on an improved line potential energy criterion. Electric Power Systems Research, 2021, 199, 107429.	2.1	0
17	Multi-Stage Stochastic Programming to Joint Economic Dispatch for Energy and Reserve With Uncertain Renewable Energy. IEEE Transactions on Sustainable Energy, 2020, 11, 1140-1151.	5.9	93
18	Optimal Recourse Strategy for Battery Swapping Stations Considering Electric Vehicle Uncertainty. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 1369-1379.	4.7	52

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19	A Data-Driven Approach for Targeting Residential Customers for Energy Efficiency Programs. IEEE Transactions on Smart Grid, 2020, 11, 1229-1238.	6.2	32
20	Towards planning for flexible future grids under high power injection diversity. Electric Power Systems Research, 2020, 189, 106687.	2.1	1
21	Photovoltaic generator model for power system dynamic studies. Solar Energy, 2020, 210, 101-114.	2.9	8
22	Optimal Mode Decomposition-Based Analysis of Electromechanical Oscillations of Power Systems Using Synchrophasors. IEEE Access, 2020, 8, 192408-192418.	2.6	2
23	Coordinated voltage/var control in a hybrid AC/DC distribution network. IET Generation, Transmission and Distribution, 2020, 14, 2129-2137.	1.4	10
24	Can graph properties determine future grid adequacy for power injection diversity?. Physica A: Statistical Mechanics and Its Applications, 2020, 550, 124165.	1.2	0
25	Decomposition-Based Stability Analysis for Isolated Power Systems With Reduced Conservativeness. IEEE Transactions on Automation Science and Engineering, 2020, 17, 1623-1632.	3.4	17
26	Coordinated Management and Ratio Assessment of Electric Vehicle Charging Facilities. IEEE Transactions on Industry Applications, 2020, 56, 5955-5962.	3.3	21
27	Separation of Residential Space Cooling Usage From Smart Meter Data. IEEE Transactions on Smart Grid, 2020, 11, 3107-3118.	6.2	24
28	Grid inadequacy assessment for high power injection diversity Part II: Finding grid expansion options. International Journal of Electrical Power and Energy Systems, 2020, 118, 105831.	3.3	2
29	Rectangle Packing Problem for Battery Charging Dispatch Considering Uninterrupted Discrete Charging Rate. IEEE Transactions on Power Systems, 2019, 34, 2472-2475.	4.6	18
30	A new dynamic security assessment framework based on semi-supervised learning and data editing. Electric Power Systems Research, 2019, 172, 221-229.	2.1	25
31	Reliability Based Min-Max Regret Stochastic Optimization Model for Capacity Market With Renewable Energy and Practice in China. IEEE Transactions on Sustainable Energy, 2019, 10, 2065-2074.	5.9	28
32	Robust H_∞ Control of Doubly Fed Wind Generator via State-Dependent Riccati Equation Technique. IEEE Transactions on Power Systems, 2019, 34, 2390-2400.	4.6	58
33	Overview of Harmonic and Resonance in Railway Electrification Systems. IEEE Transactions on Industry Applications, 2018, 54, 5227-5245.	3.3	116
34	Probabilistic Assessment of Hosting Capacity in Radial Distribution Systems. IEEE Transactions on Sustainable Energy, 2018, 9, 1935-1947.	5.9	88
35	Input-to-State Stability Based Control of Doubly Fed Wind Generator. IEEE Transactions on Power Systems, 2018, 33, 2949-2961.	4.6	14
36	An advanced approach for optimal wind power generation prediction intervals by using self-adaptive evolutionary extreme learning machine. Renewable Energy, 2018, 126, 254-269.	4.3	77

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37	Surrogate Modeling-Based Multi-Objective Dynamic VAR Planning Considering Short-Term Voltage Stability and Transient Stability. IEEE Transactions on Power Systems, 2018, 33, 622-633.	4.6	52
38	A Practical Equivalent Method for DFIG Wind Farms. IEEE Transactions on Sustainable Energy, 2018, 9, 610-620.	5.9	81
39	A Novel Method to Monitor and Predict Voltage Collapse: The Critical Transitions Approach. IEEE Transactions on Power Systems, 2018, 33, 1184-1194.	4.6	9
40	Distributionally Robust Distributed Generation Hosting Capacity Assessment in Distribution Systems. Energies, 2018, 11, 2981.	1.6	6
41	Operational strategy analysis of electric vehicle battery swapping stations. IET Electrical Systems in Transportation, 2018, 8, 130-135.	1.5	19
42	A Mixed-Integer Linear Programming Approach to Security-Constrained Co-Optimization Expansion Planning of Natural Gas and Electricity Transmission Systems. IEEE Transactions on Power Systems, 2018, 33, 6368-6378.	4.6	70
43	Impact of Load Dynamics on Electromechanical Oscillations of Power Systems. IEEE Transactions on Power Systems, 2018, 33, 6611-6620.	4.6	7
44	An Input-to-State Stability-Based Load Restoration Approach for Isolated Power Systems. Energies, 2018, 11, 597.	1.6	6
45	Multi-Objective Optimal Energy Management for the Integrated Electrical and Natural Gas Network with Combined Cooling, Heat and Power Plants. Energies, 2018, 11, 734.	1.6	12
46	Multi-Objective robust dynamic VAR planning in power transmission grids for improving short-term voltage stability under uncertainties. IET Generation, Transmission and Distribution, 2018, 12, 1929-1940.	1.4	17
47	Robust State Estimator Based on Maximum Exponential Absolute Value. IEEE Transactions on Smart Grid, 2017, 8, 1537-1544.	6.2	83
48	Modeling and Analysis of Lithium Battery Operations in Spot and Frequency Regulation Service Markets in Australia Electricity Market. IEEE Transactions on Industrial Informatics, 2017, 13, 2576-2586.	7.2	62
49	Identification of Modeling Boundaries for SSR Studies in Series Compensated Power Networks. IEEE Transactions on Power Systems, 2017, 32, 4851-4860.	4.6	17
50	Hybrid Modulated Active Damping Control for DFIG-Based Wind Farm Participating in Frequency Response. IEEE Transactions on Energy Conversion, 2017, 32, 1220-1230.	3.7	34
51	Developing feedback model for power system dynamic sensitivity analysis. International Transactions on Electrical Energy Systems, 2017, 27, e2381.	1.2	4
52	Modelling and validating photovoltaic power inverter model for power system stability analysis. Journal of Engineering, 2017, 2017, 1605-1609.	0.6	7
53	A bilinear robust state estimator. International Transactions on Electrical Energy Systems, 2016, 26, 1476-1492.	1.2	2
54	Electrical Vehicle Wireless Charging Technology Based on Energy Internet Application in China. Procedia Computer Science, 2016, 83, 1332-1337.	1.2	13

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55	Algorithm for local input-state stability analysis. IET Control Theory and Applications, 2016, 10, 1556-1564.	1.2	5
56	Local Input to State Stability Based Stability Criterion With Applications to Isolated Power Systems. IEEE Transactions on Power Systems, 2016, 31, 5094-5105.	4.6	17
57	Toward adaptive robust state estimation based on MCC by using the generalized Gaussian density as kernel functions. International Journal of Electrical Power and Energy Systems, 2015, 71, 297-304.	3.3	22
58	A mixed-integer linear programming approach for robust state estimation. Journal of Modern Power Systems and Clean Energy, 2014, 2, 366-373.	3.3	10
59	Input Sensitivity Analysis via Transfer Function Matrix. IEEE Transactions on Power Systems, 2014, 29, 3120-3121.	4.6	4
60	Clarification on power system stabiliser design. IET Generation, Transmission and Distribution, 2013, 7, 973-981.	1.4	18
61	Renewed investigation on Power System Stabilizer design. Science China Technological Sciences, 2011, 54, 2687-2693.	2.0	5
62	Application of Phasor Measurement Unit on Locating Disturbance Source for Low-Frequency Oscillation. IEEE Transactions on Smart Grid, 2010, 1, 340-346.	6.2	208
63	A Real Application of Measurement-Based Load Modeling in Large-Scale Power Grids and its Validation. IEEE Transactions on Power Systems, 2009, 24, 1756-1764.	4.6	82
64	Induction motor load impact on power system eigenvalue sensitivity analysis. IET Generation, Transmission and Distribution, 2009, 3, 690-700.	1.4	16
65	Reducing Identified Parameters of Measurement-Based Composite Load Model. IEEE Transactions on Power Systems, 2008, 23, 76-83.	4.6	140
66	Wide area measurements-based model validation and its application. IET Generation, Transmission and Distribution, 2008, 2, 906.	1.4	42
67	Power system energy analysis incorporating comprehensive load characteristics. IET Generation, Transmission and Distribution, 2007, 1, 855.	1.4	6
68	Composite Load Modeling via Measurement Approach. IEEE Transactions on Power Systems, 2006, 21, 663-672.	4.6	272
69	Load Modeling by Finding Support Vectors of Load Data From Field Measurements. IEEE Transactions on Power Systems, 2006, 21, 726-735.	4.6	74
70	A study of system splitting strategies for island operation of power system: a two-phase method based on OBDDs. IEEE Transactions on Power Systems, 2003, 18, 1556-1565.	4.6	154
71	Market-based dynamic congestion management. IEEE Power Engineering Review, 2002, 22, 54-56.	0.1	2