

List of Publications by Year in descending order

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2105
citing authors

#	ARTICLE	IF	CITATIONS
1	Composite Load Modeling via Measurement Approach. IEEE Transactions on Power Systems, 2006, 21, 663-672.	4.6	272
2	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
3	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
4	Reducing Identified Parameters of Measurement-Based Composite Load Model. IEEE Transactions on Power Systems, 2008, 23, 76-83.	4.6	140
5	Overview of Harmonic and Resonance in Railway Electrification Systems. IEEE Transactions on Industry Applications, 2018, 54, 5227-5245.	3.3	116
6	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
7	Probabilistic Assessment of Hosting Capacity in Radial Distribution Systems. IEEE Transactions on Sustainable Energy, 2018, 9, 1935-1947.	5.9	88
8	Robust State Estimator Based on Maximum Exponential Absolute Value. IEEE Transactions on Smart Grid, 2017, 8, 1537-1544.	6.2	83
9	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
10	A Practical Equivalent Method for DFIG Wind Farms. IEEE Transactions on Sustainable Energy, 2018, 9, 610-620.	5.9	81
11	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
12	Load Modeling by Finding Support Vectors of Load Data From Field Measurements. IEEE Transactions on Power Systems, 2006, 21, 726-735.	4.6	74
13	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
14	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
15	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
16	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
17	Optimal Recourse Strategy for Battery Swapping Stations Considering Electric Vehicle Uncertainty. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 1369-1379.	4.7	52
18	Wide area measurements-based model validation and its application. IET Generation, Transmission and Distribution, 2008, 2, 906.	1.4	42

#	ARTICLE	IF	CITATIONS
19	Photovoltaic Hosting Capacity Sensitivity to Active Distribution Network Management. IEEE Transactions on Power Systems, 2021, 36, 107-117.	4.6	41
20	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
21	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
22	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
23	A Data-Driven Approach for Targeting Residential Customers for Energy Efficiency Programs. IEEE Transactions on Smart Grid, 2020, 11, 1229-1238.	6.2	32
24	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
25	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
26	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
27	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
28	Separation of Residential Space Cooling Usage From Smart Meter Data. IEEE Transactions on Smart Grid, 2020, 11, 3107-3118.	6.2	24
29	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
30	Coordinated Management and Ratio Assessment of Electric Vehicle Charging Facilities. IEEE Transactions on Industry Applications, 2020, 56, 5955-5962.	3.3	21
31	Operational strategy analysis of electric vehicle battery swapping stations. IET Electrical Systems in Transportation, 2018, 8, 130-135.	1.5	19
32	Clarification on power system stabiliser design. IET Generation, Transmission and Distribution, 2013, 7, 973-981.	1.4	18
33	Rectangle Packing Problem for Battery Charging Dispatch Considering Uninterrupted Discrete Charging Rate. IEEE Transactions on Power Systems, 2019, 34, 2472-2475.	4.6	18
34	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
35	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
36	Identification of Modeling Boundaries for SSR Studies in Series Compensated Power Networks. IEEE Transactions on Power Systems, 2017, 32, 4851-4860.	4.6	17

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37	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
38	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
39	Induction motor load impact on power system eigenvalue sensitivity analysis. IET Generation, Transmission and Distribution, 2009, 3, 690-700.	1.4	16
40	Develop Load Shape Dictionary Through Efficient Clustering Based on Elastic Dissimilarity Measure. IEEE Transactions on Smart Grid, 2021, 12, 442-452.	6.2	15
41	Privacy-Preserving Household Characteristic Identification With Federated Learning Method. IEEE Transactions on Smart Grid, 2022, 13, 1088-1099.	6.2	15
42	Input-to-State Stability Based Control of Doubly Fed Wind Generator. IEEE Transactions on Power Systems, 2018, 33, 2949-2961.	4.6	14
43	Electrical Vehicle Wireless Charging Technology Based on Energy Internet Application in China. Procedia Computer Science, 2016, 83, 1332-1337.	1.2	13
44	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
45	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
46	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
47	Coordinated voltage/var control in a hybrid AC/DC distribution network. IET Generation, Transmission and Distribution, 2020, 14, 2129-2137.	1.4	10
48	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
49	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
50	Photovoltaic generator model for power system dynamic studies. Solar Energy, 2020, 210, 101-114.	2.9	8
51	Robust Distribution System Expansion Planning Incorporating Thermostatically-Controlled-Load Demand Response Resource. IEEE Transactions on Smart Grid, 2022, 13, 302-313.	6.2	8
52	An Improved Electromechanical Oscillation-Based Inertia Estimation Method. IEEE Transactions on Power Systems, 2022, 37, 2479-2482.	4.6	8
53	Modelling and validating photovoltaic power inverter model for power system stability analysis. Journal of Engineering, 2017, 2017, 1605-1609.	0.6	7
54	Impact of Load Dynamics on Electromechanical Oscillations of Power Systems. IEEE Transactions on Power Systems, 2018, 33, 6611-6620.	4.6	7

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55	Power system energy analysis incorporating comprehensive load characteristics. IET Generation, Transmission and Distribution, 2007, 1, 855.	1.4	6
56	Distributionally Robust Distributed Generation Hosting Capacity Assessment in Distribution Systems. Energies, 2018, 11, 2981.	1.6	6
57	An Input-to-State Stability-Based Load Restoration Approach for Isolated Power Systems. Energies, 2018, 11, 597.	1.6	6
58	Renewed investigation on Power System Stabilizer design. Science China Technological Sciences, 2011, 54, 2687-2693.	2.0	5
59	Algorithm for local input-to-state stability analysis. IET Control Theory and Applications, 2016, 10, 1556-1564.	1.2	5
60	Input Sensitivity Analysis via Transfer Function Matrix. IEEE Transactions on Power Systems, 2014, 29, 3120-3121.	4.6	4
61	Developing feedback model for power system dynamic sensitivity analysis. International Transactions on Electrical Energy Systems, 2017, 27, e2381.	1.2	4
62	Multistakeholder Planning and Operational Strategy for Electric Vehicle Battery Swapping Stations. IEEE Systems Journal, 2022, 16, 3543-3553.	2.9	4
63	Market-based dynamic congestion management. IEEE Power Engineering Review, 2002, 22, 54-56.	0.1	2
64	A bilinear robust state estimator. International Transactions on Electrical Energy Systems, 2016, 26, 1476-1492.	1.2	2
65	Optimal Mode Decomposition-Based Analysis of Electromechanical Oscillations of Power Systems Using Synchrophasors. IEEE Access, 2020, 8, 192408-192418.	2.6	2
66	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
67	Towards planning for flexible future grids under high power injection diversity. Electric Power Systems Research, 2020, 189, 106687.	2.1	1
68	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
69	Can graph properties determine future grid adequacy for power injection diversity?. Physica A: Statistical Mechanics and Its Applications, 2020, 550, 124165.	1.2	0
70	Tidal Energy Hosting Capacity in Australia's Future Energy Mix. Energies, 2021, 14, 1479.	1.6	0
71	Out-of-Step detection based on an improved line potential energy criterion. Electric Power Systems Research, 2021, 199, 107429.	2.1	0