Ran Li

List of Publications by Year
in descending order

23 papers	1,373 citations	759233 12 h-index	839539 18 g-index
23 all docs	23 docs citations	23 times ranked	1541 citing authors

#	ARTICLE	IF	CITATIONS
1	Model order reduction for reliability assessment of flexible power networks. International Journal of Electrical Power and Energy Systems, 2021, 127, 106623.	5.5	11
2	A Novel Closed-Loop Clustering Algorithm for Hierarchical Load Forecasting. IEEE Transactions on Smart Grid, 2021, 12, 432-441.	9.0	24
3	A Deep Learning-Based Classification Scheme for False Data Injection Attack Detection in Power System. Electronics (Switzerland), 2021, 10, 1459.	3.1	9
4	A deep learning-based classification scheme for cyber-attack detection in power system. IET Energy Systems Integration, 2021, 3, 274-284.	1.8	5
5	A Novel Peer-to-Peer Local Electricity Market for Joint Trading of Energy and Uncertainty. IEEE Transactions on Smart Grid, 2020, 11, 1205-1215.	9.0	152
6	Regional nonintrusive load monitoring for low voltage substations and distributed energy resources. Applied Energy, 2020, 260, 114225.	10.1	15
7	Deep learning for day-ahead electricity price forecasting. IET Smart Grid, 2020, 3, 462-469.	2.2	27
8	Flexible Network Pricing Encourages Greater Sharing: Making the Grid Work for Itself and Distributed Energy Resources. IEEE Power and Energy Magazine, 2020, 18, 26-32.	1.6	1
9	Regional non-intrusive electric vehicle monitoring based on graph signal processing. IET Generation, Transmission and Distribution, 2020, 14, 6512-6517.	2.5	0
10	Electric Vehicle Load Disaggregation Based on Limited Activation Matching Pursuits. Energy Procedia, 2019, 158, 2611-2616.	1.8	6
11	A Statistical Approach to Estimate Imbalance-Induced Energy Losses for Data-Scarce Low Voltage Networks. IEEE Transactions on Power Systems, 2019, 34, 2825-2835.	6.5	18
12	Phase Identification With Incomplete Data. IEEE Transactions on Smart Grid, 2018, 9, 2777-2785.	9.0	43
13	Deep Learning for Household Load Forecasting—A Novel Pooling Deep RNN. IEEE Transactions on Smart Grid, 2018, 9, 5271-5280.	9.0	712
14	A Shared Network Access Business Model for Distribution Networks. IEEE Transactions on Power Systems, 2018, 33, 1082-1084.	6.5	7
15	Load Characterization and Low-Order Approximation for Smart Metering Data in the Spectral Domain. IEEE Transactions on Industrial Informatics, 2017, 13, 976-984.	11.3	22
16	Mitigating load forecast errors for suppliers by utilizing energy storage at a substation level. , 2017, , .		1
17	Economic planning of electric vehicle charging stations considering traffic constraints and load profile templates. Applied Energy, 2016, 178, 647-659.	10.1	182
18	Multi-stage sizing approach for development of utility-scale BESS considering dynamic growth of distributed photovoltaic connection. Journal of Modern Power Systems and Clean Energy, 2016, 4, 554-565.	5.4	15

#	Article	IF	Citations
19	Development of Low Voltage Network Templatesâ€"Part I: Substation Clustering and Classification. IEEE Transactions on Power Systems, 2015, 30, 3036-3044.	6.5	72
20	Development of Low Voltage Network Templatesâ€"Part II: Peak Load Estimation by Clusterwise Regression. IEEE Transactions on Power Systems, 2015, 30, 3045-3052.	6.5	22
21	Development of time-of-use price by clustering techniques. , 2014, , .		15
22	Analysis of the relationship between load profile and weather condition. , 2014, , .		9
23	Time of Use Tariff Design for Domestic Customers from Flat Rate by Model-based Clustering. Energy Procedia, 2014, 61, 652-655.	1.8	5