

# Ran Li

## List of Publications by Year in descending order

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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	Deep Learning for Household Load Forecastingâ€”A Novel Pooling Deep RNN. IEEE Transactions on Smart Grid, 2018, 9, 5271-5280.	9.0	712
2	Economic planning of electric vehicle charging stations considering traffic constraints and load profile templates. Applied Energy, 2016, 178, 647-659.	10.1	182
3	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
4	Development of Low Voltage Network Templatesâ€”Part I: Substation Clustering and Classification. IEEE Transactions on Power Systems, 2015, 30, 3036-3044.	6.5	72
5	Phase Identification With Incomplete Data. IEEE Transactions on Smart Grid, 2018, 9, 2777-2785.	9.0	43
6	Deep learning for day-ahead electricity price forecasting. IET Smart Grid, 2020, 3, 462-469.	2.2	27
7	A Novel Closed-Loop Clustering Algorithm for Hierarchical Load Forecasting. IEEE Transactions on Smart Grid, 2021, 12, 432-441.	9.0	24
8	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
9	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
10	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
11	Development of time-of-use price by clustering techniques. , 2014, , .		15
12	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
13	Regional nonintrusive load monitoring for low voltage substations and distributed energy resources. Applied Energy, 2020, 260, 114225.	10.1	15
14	Model order reduction for reliability assessment of flexible power networks. International Journal of Electrical Power and Energy Systems, 2021, 127, 106623.	5.5	11
15	Analysis of the relationship between load profile and weather condition. , 2014, , .		9
16	A Deep Learning-Based Classification Scheme for False Data Injection Attack Detection in Power System. Electronics (Switzerland), 2021, 10, 1459.	3.1	9
17	A Shared Network Access Business Model for Distribution Networks. IEEE Transactions on Power Systems, 2018, 33, 1082-1084.	6.5	7
18	Electric Vehicle Load Disaggregation Based on Limited Activation Matching Pursuits. Energy Procedia, 2019, 158, 2611-2616.	1.8	6

#	ARTICLE	IF	CITATIONS
19	Time of Use Tariff Design for Domestic Customers from Flat Rate by Model-based Clustering. Energy Procedia, 2014, 61, 652-655.	1.8	5
20	A deep learning-based classification scheme for cyberattack detection in power system. IET Energy Systems Integration, 2021, 3, 274-284.	1.8	5
21	Mitigating load forecast errors for suppliers by utilizing energy storage at a substation level. , 2017, , .		1
22	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
23	Regional non-intrusive electric vehicle monitoring based on graph signal processing. IET Generation, Transmission and Distribution, 2020, 14, 6512-6517.	2.5	0