

# Rui Yang

## List of Publications by Year in descending order

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19  
papers

275  
citations

1684188

5  
h-index

1588992

8  
g-index

19  
all docs

19  
docs citations

19  
times ranked

293  
citing authors

#	ARTICLE	IF	CITATIONS
1	Matrix Completion for Low-Observability Voltage Estimation. IEEE Transactions on Smart Grid, 2020, 11, 2520-2530.	9.0	49
2	Joint Estimation of Behind-the-Meter Solar Generation in a Community. IEEE Transactions on Sustainable Energy, 2021, 12, 682-694.	8.8	46
3	Grid-Level Application of Electrical Energy Storage: Example Use Cases in the United States and China. IEEE Power and Energy Magazine, 2017, 15, 51-58.	1.6	37
4	Estimation of Behind-the-Meter Solar Generation by Integrating Physical with Statistical Models. , 2019, , .		23
5	Three-phase AC optimal power flow based distribution locational marginal price. , 2017, , .		21
6	Consumption Behavior Analytics-Aided Energy Forecasting and Dispatch. IEEE Intelligent Systems, 2017, 32, 59-63.	4.0	20
7	Solar Irradiance Capturing in Cloudy Sky Days—A Convolutional Neural Network Based Image Regression Approach. IEEE Access, 2020, 8, 22235-22248.	4.2	20
8	Robust Matrix Completion State Estimation in Distribution Systems. , 2019, , .		17
9	Hardware-in-the-Loop Evaluation of an Advanced Distributed Energy Resource Management Algorithm. , 2021, , .		9
10	Short-term state forecasting-based optimal voltage regulation in distribution systems. , 2017, , .		6
11	Matrix Completion Using Alternating Minimization for Distribution System State Estimation. , 2020, , .		5
12	Iteration-Based Linearized Distribution-Level Locational Marginal Price for Three-Phase Unbalanced Distribution Systems. IEEE Transactions on Smart Grid, 2021, 12, 4886-4896.	9.0	4
13	A Generalized Copula-Polynomial Chaos Expansion for Probabilistic Power Flow Considering Nonlinear Correlations of PV Injections. , 2021, , .		4
14	Global Sensitivity Analysis of Large Distribution System With PVs Using Deep Gaussian Process. IEEE Transactions on Power Systems, 2021, 36, 4888-4891.	6.5	4
15	Coordinated optimization of distributed energy resources and smart loads in distribution systems. , 2016, , .		3
16	Bayesian Structural Time Series for Behind-the-Meter Photovoltaic Disaggregation. , 2020, , .		3
17	A Double-Signal Retail Pricing Scheme for Acquiring Operational Flexibility from Batteries. IEEE Transactions on Sustainable Energy, 2021, , 1-1.	8.8	2
18	Performance Evaluation of an Advanced Distributed Energy Resource Management Algorithm. , 2021, , .		2

#	ARTICLE	IF	CITATIONS
19	Data-driven Global Sensitivity Analysis of Three- Phase Distribution System with PVs. , 2021, , .		0