

# Zhiyuan Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9267333/publications.pdf>

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12  
papers

170  
citations

2258059

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2272923

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g-index

12  
all docs

12  
docs citations

12  
times ranked

134  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reverse and Forward Engineering of Local Voltage Control in Distribution Networks. IEEE Transactions on Automatic Control, 2021, 66, 1116-1128.	5.7	47
2	Gradient-Based Multi-Area Distribution System State Estimation. IEEE Transactions on Smart Grid, 2020, 11, 5325-5338.	9.0	40
3	Accelerated Voltage Regulation in Multi-Phase Distribution Networks Based on Hierarchical Distributed Algorithm. IEEE Transactions on Power Systems, 2020, 35, 2047-2058.	6.5	34
4	A Koopman Operator Approach for Computing and Balancing Gramians for Discrete Time Nonlinear Systems. , 2018, , .		18
5	Hierarchical Distributed Voltage Regulation in Networked Autonomous Grids. , 2019, , .		14
6	Decomposition of Nonlinear Dynamical Systems Using Koopman Gramians. , 2018, , .		8
7	Stochastic dual algorithm for voltage regulation in distribution networks with discrete loads. , 2017, , .		3
8	Signal-Anticipation in Local Voltage Control in Distribution Systems. IEEE Transactions on Smart Grid, 2020, 11, 233-246.	9.0	3
9	Proportional control applied to dynamic network resource allocation. , 2017, , .		1
10	Towards Scalable Koopman Operator Learning: Convergence Rates and A Distributed Learning Algorithm. , 2020, , .		1
11	Multi-Level Optimal Power Flow Solver in Large Distribution Networks. , 2020, , .		1
12	Distributed Online Convex Programming for Collision Avoidance in Multi-agent Autonomous Vehicle Systems. , 2019, , .		0