Saleh Soltan

List of Publications by Year
in descending order

19	445	1040056 9	1199594 12
papers	citations	h-index	g-index

19	19	19	427
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analysis of Failures in Power Grids. IEEE Transactions on Control of Network Systems, 2017, 4, 288-300.	3.7	64
2	Power Grid State Estimation Following a Joint Cyber and Physical Attack. IEEE Transactions on Control of Network Systems, 2018, 5, 499-512.	3.7	57
3	Comparing the Effects of Failures in Power Grids Under the AC and DC Power Flow Models. IEEE Transactions on Network Science and Engineering, 2018, 5, 301-312.	6.4	55
4	Cascading failures in power grids. , 2014, , .		36
5	REACT to Cyber Attacks on Power Grids. IEEE Transactions on Network Science and Engineering, 2019, 6, 459-473.	6.4	34
6	Generation of synthetic spatially embedded power grid networks. , 2016, , .		29
7	Line Failure Detection After a Cyber-Physical Attack on the Grid Using Bayesian Regression. IEEE Transactions on Power Systems, 2019, 34, 3758-3768.	6.5	27
8	A Learning-Based Method for Generating Synthetic Power Grids. IEEE Systems Journal, 2019, 13, 625-634.	4.6	22
9	Joint Cyber and Physical Attacks on Power Grids. , 2015, , .		21
10	EXPOSE the Line Failures Following a Cyber-Physical Attack on the Power Grid. IEEE Transactions on Control of Network Systems, 2019, 6, 451-461.	3.7	19
11	Power grid state estimation after a cyber-physical attack under the AC power flow model. , 2017, , .		15
12	Protecting the Grid Against MAD Attacks. IEEE Transactions on Network Science and Engineering, 2020, 7, 1310-1326.	6.4	15
13	Analyzing and Quantifying the Effect of <inline-formula> <tex-math notation="LaTeX">k</tex-math> </inline-formula>-Line Failures in Power Grids. IEEE Transactions on Control of Network Systems, 2018, 5, 1424-1433.	3.7	14
14	Distribution of blackouts in the power grid and the Motter and Lai model. Physical Review E, 2021, 103, 032309.	2.1	9
15	A study of cascading failures in real and synthetic power grid topologies. Network Science, 2018, 6, 448-468.	1.0	8
16	Bayesian Regression for Robust Power Grid State Estimation Following a Cyber-Physical Attack. , 2018, , .		6
17	Doubly Balanced Connected Graph Partitioning. ACM Transactions on Algorithms, 2020, 16, 1-24.	1.0	6
18	Quantifying the effect of k-line failures in power grids. , 2016, , .		5

#	Article	IF	Citations
19	Doubly Balanced Connected Graph Partitioning. , 2017, , .		3