

Yichi Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

811
citations

1478505

6
h-index

1872680

6
g-index

18
all docs

18
docs citations

18
times ranked

887
citing authors

#	ARTICLE	IF	CITATIONS
1	Adequacy evaluation of electric power grids considering substation cyber vulnerabilities. International Journal of Electrical Power and Energy Systems, 2018, 96, 368-379.	5.5	27
2	Power System Reliability Assessment Incorporating Cyber Attacks Against Wind Farm Energy Management Systems. IEEE Transactions on Smart Grid, 2017, 8, 2343-2357.	9.0	89
3	Inclusion of SCADA Cyber Vulnerability in Power System Reliability Assessment Considering Optimal Resources Allocation. IEEE Transactions on Power Systems, 2016, 31, 4379-4394.	6.5	66
4	Power System Reliability Evaluation With SCADA Cybersecurity Considerations. IEEE Transactions on Smart Grid, 2015, 6, 1707-1721.	9.0	180
5	Power system adequacy assessment with probabilistic cyber attacks against breakers. , 2014, , .		5
6	Power grids reliability appraisal with intrusion tolerant capability in SCADA systems. , 2014, , .		0
7	Reliability analysis of power grids with cyber vulnerability in SCADA system. , 2014, , .		11
8	Impact of UPFC on power system reliability considering its cyber vulnerability. , 2014, , .		4
9	Investigating the impact of cyber attacks on power system reliability. , 2013, , .		10
10	Trust System Design Optimization in Smart Grid Network Infrastructure. IEEE Transactions on Smart Grid, 2013, 4, 184-195.	9.0	43
11	Placement of primary-secondary trust nodes in smart grid communication network. , 2013, , .		1
12	A preliminary study of power system reliability evaluation considering cyber attack effects. , 2013, , .		1
13	Fault-tolerant optimal routing of trust nodes in smart grid communications. , 2012, , .		3
14	Efficient trust node aware routing in ZigBee communication network of smart grid. , 2012, , .		1
15	Location and communication routing optimization of trust nodes in smart grid network infrastructure. , 2012, , .		2
16	A multi-level communication architecture of smart grid based on congestion aware wireless mesh network. , 2011, , .		13
17	Artificial immune system based intrusion detection in a distributed hierarchical network architecture of smart grid. , 2011, , .		20
18	Distributed Intrusion Detection System in a Multi-Layer Network Architecture of Smart Grids. IEEE Transactions on Smart Grid, 2011, 2, 796-808.	9.0	335