

Liangyi Sun

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

318
citations

2258059

3
h-index

2550090

3
g-index

21
all docs

21
docs citations

21
times ranked

218
citing authors

#	ARTICLE	IF	CITATIONS
1	An Improved Phasor Domain Parameter-Free Fault Location Algorithm on Untransposed Lines. , 2020, , .		1
2	Dynamic State Estimation Based Protection on Series Compensated Transmission Lines. IEEE Transactions on Power Delivery, 2017, 32, 2199-2209.	4.3	62
3	Dynamic State Estimation-Based Protection: Status and Promise. IEEE Transactions on Power Delivery, 2017, 32, 320-330.	4.3	93
4	The impact of solar storms on protective relays for saturable-core transformers. , 2017, , .		9
5	Dynamic state estimation-based fault locating on transmission lines. IET Generation, Transmission and Distribution, 2017, 11, 4184-4192.	2.5	59
6	Protection and fault locating method of series compensated lines by wavelet based energy traveling wave. , 2017, , .		11
7	Dynamic state estimation based synchronous generator model calibration using PMU data. , 2017, , .		9
8	Distributed quasi-dynamic state estimation with both GPS-synchronized and non-synchronized data. , 2017, , .		6
9	Command authentication via faster than real time simulation. , 2016, , .		12
10	Capacitor bank protection via constraint WLS dynamic state estimation method (CWLS-DSE). , 2016, , .		6
11	Microgrid black-start after natural disaster with load restoration using spanning tree search. , 2016, , .		5
12	Transformer inter-turn faults detection by dynamic state estimation method. , 2016, , .		3
13	Dynamic state estimation enabled predictive inverter control. , 2016, , .		2
14	Dynamic state estimation-based protection of power transformers. , 2015, , .		17
15	Dynamic State Estimation based protection of microgrid circuits. , 2015, , .		9
16	Linear quadratic control of SSSC to increase power oscillations damping of HVDC-AC power system. , 2015, , .		6
17	Real-time pricing algorithm considering load identification for smart grid. , 2014, , .		2
18	State space based modeling and sensitivity analysis of DFIG in an unbalanced network. , 2013, , .		1

#	ARTICLE	IF	CITATIONS
19	Cost analysis and optimal kV level selection of alternate wind farms. , 2013, , .		3
20	Transient response improvement of doubly-fed induction machine during unbalanced network. , 2013, , .		2
21	Dynamic modeling of doubly fed induction machine during balanced voltage dips with control effects formulation. , 2013, , .		0