

Liangyi Sun

List of Publications by Year in descending order

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citing authors

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

#	ARTICLE	IF	CITATIONS
19	State space based modeling and sensitivity analysis of DFIG in an unbalanced network. , 2013, , .		1
20	An Improved Phasor Domain Parameter-Free Fault Location Algorithm on Untransposed Lines. , 2020, , .		1
21	Dynamic modeling of doubly fed induction machine during balanced voltage dips with control effects formulation. , 2013, , .		0