

# Zhenyu Tan

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

399  
citations

1683934

5  
h-index

2053595

5  
g-index

23  
all docs

23  
docs citations

23  
times ranked

301  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of transformer legacy protective functions and a dynamic state estimation-based approach. <i>Electric Power Systems Research</i> , 2020, 184, 106301.	2.1	6
2	Fault Diagnosis of Transmission Line – A Phasor Domain Approach. , 2019, , .		0
3	Phasor Domain Transmission Line Fault Locating with Three Phase Distributed Parameter Modeling. , 2018, , .		1
4	Dynamic State Estimation Based Protection on Series Compensated Transmission Lines. <i>IEEE Transactions on Power Delivery</i> , 2017, 32, 2199-2209.	2.9	62
5	Dynamic State Estimation-Based Protection: Status and Promise. <i>IEEE Transactions on Power Delivery</i> , 2017, 32, 320-330.	2.9	93
6	The impact of solar storms on protective relays for saturable-core transformers. , 2017, , .		9
7	Dynamic state estimation-based fault locating on transmission lines. <i>IET Generation, Transmission and Distribution</i> , 2017, 11, 4184-4192.	1.4	59
8	Capacitor bank protection via constraint WLS dynamic state estimation method (CWLS-DSE). , 2016, , .		6
9	Microgrid black-start after natural disaster with load restoration using spanning tree search. , 2016, , .		5
10	Transformer inter-turn faults detection by dynamic state estimation method. , 2016, , .		3
11	Dynamic state estimation enabled predictive inverter control. , 2016, , .		2
12	Linear quadratic control of SSSC to increase power oscillations damping of HVDC-AC power system. , 2015, , .		6
13	A market-based operation method for distribution system with distributed generation and demand response. , 2013, , .		1
14	State space based modeling and sensitivity analysis of DFIG in an unbalanced network. , 2013, , .		1
15	Advanced Distribution Management System. <i>IEEE Transactions on Smart Grid</i> , 2013, 4, 2109-2117.	6.2	85
16	Probability state sequence method for reliability analysis of wind farms considering wake effect. , 2013, , .		0
17	Transient response improvement of doubly-fed induction machine during unbalanced network. , 2013, , .		2
18	Setting-Less Protection: Feasibility Study. , 2013, , .		39

#	ARTICLE	IF	CITATIONS
19	Dynamic modeling of doubly fed induction machine during balanced voltage dips with control effects formulation. , 2013, , .		0
20	Reliability evaluation with cost analysis of alternate wind energy farms and interconnections. , 2012, , .		4
21	Load Forecasting in Demand Response. , 2012, , .		4
22	Chance constrained unit commitment with wind generation and superconducting magnetic energy storages. , 2012, , .		7
23	Methodology for monitoring, control and operation of power systems with wind farms. , 2012, , .		4