

# Zhenyu Tan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12175766/publications.pdf>

Version: 2024-02-01

23

papers

399

citations

1684188

5

h-index

2053705

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. Electric Power Systems Research, 2020, 184, 106301. | 3.6 | 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. IEEE Transactions on Power Delivery, 2017, 32, 2199-2209.            | 4.3 | 62        |
| 5  | Dynamic State Estimation-Based Protection: Status and Promise. IEEE Transactions on Power Delivery, 2017, 32, 320-330.                                   | 4.3 | 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. IET Generation, Transmission and Distribution, 2017, 11, 4184-4192.                 | 2.5 | 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. IEEE Transactions on Smart Grid, 2013, 4, 2109-2117.  | 9.0 | 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         |