# Junpeng Zhan

List of Publications by Year
in descending order

| 15 papers | 586 citations | 687363 13 h-index | 1125743 13 g-index |
|---|---|---|---|
| 15 all docs | 15 docs citations | 15 times ranked | 741 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A Distributionally Robust Chance-Constrained MILP Model for Multistage Distribution System Planning With Uncertain Renewables and Loads. IEEE Transactions on Power Systems, 2018, 33, 5248-5262. | 6.5 | 108 |
| 2 | A novel transactive energy control mechanism for collaborative networked microgrids. IEEE Transactions on Power Systems, 2019, 34, 2048-2060. | 6.5 | 76 |
| 3 | Switch Opening and Exchange Method for Stochastic Distribution Network Reconfiguration. IEEE Transactions on Smart Grid, 2020, 11, 2995-3007. | 9.0 | 64 |
| 4 | Stochastic Transmission Expansion Planning Considering Uncertain Dynamic Thermal Rating of Overhead Lines. IEEE Transactions on Power Systems, 2019, 34, 432-443. | 6.5 | 60 |
| 5 | Day-Ahead Optimal Operation for Multi-Energy Residential Systems With Renewables. IEEE Transactions on Sustainable Energy, 2019, 10, 1927-1938. | 8.8 | 42 |
| 6 | A Fast Solution Method for Stochastic Transmission Expansion Planning. IEEE Transactions on Power Systems, 2017, 32, 4684-4695. | 6.5 | 41 |
| 7 | Frequency Stability Enhancement of Integrated AC/VSC-MTDC Systems With Massive Infeed of Offshore Wind Generation. IEEE Transactions on Power Systems, 2018, 33, 5135-5146. | 6.5 | 38 |
| 8 | Economic Dispatch With Non-Smooth Objectivesâ€"Part II: Dimensional Steepest Decline Method. IEEE Transactions on Power Systems, 2015, 30, 722-733. | 6.5 | 36 |
| 9 | Economic Dispatch With Non-Smooth Objectivesâ€"Part I: Local Minimum Analysis. IEEE Transactions on Power Systems, 2015, 30, 710-721. | 6.5 | 32 |
| 10 | Time Series Modeling for Dynamic Thermal Rating of Overhead Lines. IEEE Transactions on Power Systems, 2017, 32, 2172-2182. | 6.5 | 30 |
| 11 | A Penalty Scheme for Mitigating Uninstructed Deviation of Generation Outputs From Variable Renewables in a Distribution Market. IEEE Transactions on Smart Grid, 2020, 11, 4056-4069. | 9.0 | 21 |
| 12 | Availability Assessment Based Case-Sensitive Power System Restoration Strategy. IEEE Transactions on Power Systems, 2020, 35, 1432-1445. | 6.5 | 19 |
| 13 | An accurate bilinear cavern model for compressed air energy storage. Applied Energy, 2019, 242, 752-768. | 10.1 | 17 |
| 14 | Time series modelling for dynamic thermal rating of overhead lines. , 2017, , . | | 1 |
| 15 | Reliability-Based Stochastic Transmission Expansion Planning Considering Uncertainties of Dynamic Thermal Rating and Wind Power. , 2019, , . | | 1 |