

Marcel Sarstedt

List of Publications by Year in descending order

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papers

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Survey and Comparison of Optimization-Based Aggregation Methods for the Determination of the Flexibility Potentials at Vertical System Interconnections. <i>Energies</i> , 2021, 14, 687. | 3.1 | 24 |
| 2 | Monetarization of the Feasible Operation Region of Active Distribution Grids Based on a Cost-Optimal Flexibility Disaggregation. <i>IEEE Access</i> , 2022, 10, 5402-5415. | 4.2 | 17 |
| 3 | Modelling of Integrated Transmission and Distribution Grids based on Synthetic Distribution Grid Models. , 2019, , . | | 11 |
| 4 | Standardized evaluation of multi-level grid control strategies for future converter-dominated electric energy systems. <i>Automatisierungstechnik</i> , 2019, 67, 936-957. | 0.8 | 10 |
| 5 | Application of PSO-Methods for the Solution of the economic Optimal Reactive Power Dispatch Problem. , 2018, , . | | 6 |
| 6 | Reactive power management analyses based on generic distribution grid models. , 2017, , . | | 5 |
| 7 | Comparison of Random Sampling and Heuristic Optimization-Based Methods for Determining the Flexibility Potential at Vertical System Interconnections. , 2021, , . | | 5 |
| 8 | Simulation of Hierarchical Multi-Level Grid Control Strategies. , 2020, , . | | 4 |
| 9 | Agent-Based Phase Space Sampling of Ensembles Using Ripley's K for Homogeneity. <i>Communications in Computer and Information Science</i> , 2021, , 191-202. | 0.5 | 1 |
| 10 | Linearized Optimization for Reactive Power Dispatch at Transmission Grid Level considering Discrete Transformer Tap-Settings. , 2021, , . | | 1 |
| 11 | Voltage Sensitivity Estimation Based on Measurements of Distributed PV Inverters. , 2021, , . | | 0 |
| 12 | On the Stability of Converter-Dominated Power Systems: Impedance-Based Analysis. , 2020, , . | | 0 |