

Hossam Salama

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

341
citations

840776

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888059

17
g-index

23
all docs

23
docs citations

23
times ranked

116
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A combination of an OTC based MPPT and fuzzy logic current control for a wind-driven PMSG under variability of wind speed. <i>Energy Systems</i> , 2022, 13, 1075-1098. | 3.0 | 19 |
| 2 | Mitigation of pulsed power load effect on power system using FLC-SMES. <i>Energy Reports</i> , 2022, 8, 463-471. | 5.1 | 2 |
| 3 | Enriching the stability of solar/wind DC microgrids using battery and superconducting magnetic energy storage based fuzzy logic control. <i>Journal of Energy Storage</i> , 2022, 45, 103751. | 8.1 | 44 |
| 4 | Voltage stability indices—A comparison and a review. <i>Computers and Electrical Engineering</i> , 2022, 98, 107743. | 4.8 | 22 |
| 5 | The Role of Hybrid Battery—SMES Energy Storage in Enriching the Permanence of PV—Wind DC Microgrids: A Case Study. <i>Eng</i> , 2022, 3, 207-223. | 2.4 | 8 |
| 6 | Dynamic evaluation of optimization techniques—based proportional—integral controller for wind-driven permanent magnet synchronous generator. <i>Wind Engineering</i> , 2021, 45, 696-709. | 1.9 | 11 |
| 7 | Adaptive Coordination Strategy Based on Fuzzy Control for Electric Vehicles and Superconducting Magnetic Energy Storage—Towards Reliably Operating Utility Grids. <i>IEEE Access</i> , 2021, 9, 61662-61670. | 4.2 | 12 |
| 8 | Integration of PV system with SMES based on model predictive control for utility grid reliability improvement. <i>Protection and Control of Modern Power Systems</i> , 2021, 6, . | 7.5 | 26 |
| 9 | Voltage and Frequency Control of Balanced/Unbalanced Distribution System Using the SMES System in the Presence of Wind Energy. <i>Electricity</i> , 2021, 2, 205-224. | 2.8 | 11 |
| 10 | Studying Impacts of Electric Vehicle Functionalities in Wind Energy-Powered Utility Grids With Energy Storage Device. <i>IEEE Access</i> , 2021, 9, 45754-45769. | 4.2 | 26 |
| 11 | Design and implementation of FLC system for fault ride-through capability enhancement in PMSG-wind systems. <i>Wind Engineering</i> , 2021, 45, 1361-1373. | 1.9 | 18 |
| 12 | Virtual inertia emulation through virtual synchronous generator based superconducting magnetic energy storage in modern power system. <i>Journal of Energy Storage</i> , 2021, 44, 103466. | 8.1 | 12 |
| 13 | Amelioration the Stability of Power System Coupled with SCIG and PMSG Using Controlled-SMES. , 2020, , . | | 1 |
| 14 | Comparison of different electric vehicle integration approaches in presence of photovoltaic and superconducting magnetic energy storage systems. <i>Journal of Cleaner Production</i> , 2020, 260, 121099. | 9.3 | 30 |
| 15 | Frequency and voltage control of microgrid with high WECS penetration during wind gusts using superconducting magnetic energy storage. <i>Electrical Engineering</i> , 2019, 101, 771-786. | 2.0 | 26 |
| 16 | Impact of Different Plug-in Electric Vehicle Categories on Distribution Systems. , 2019, , . | | 11 |
| 17 | A robust SMES controller strategy for mitigating power and voltage fluctuations of grid-connected hybrid PV—wind generation systems. <i>Electrical Engineering</i> , 2019, 101, 1019-1032. | 2.0 | 14 |
| 18 | Voltage/Frequency Control of Isolated Unbalanced Radial Distribution System Fed from Intermittent Wind/PV Power Using Fuzzy Logic Controlled-SMES. , 2019, , . | | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Application of controlled SMES with Integrating PV System and Electric Vehicles into Power System. , 2019, , . | | 3 |
| 20 | Power System Improvement of Different Coordinated Electric Vehicles Integration Approaches with Superconducting Magnetic Energy Storage. International Review of Electrical Engineering, 2019, 14, 407. | 0.2 | 3 |
| 21 | A Developed Voltage Control Strategy for Unbalanced Distribution System During Wind Speed Gusts Using SMES. Energy Procedia, 2016, 100, 271-279. | 1.8 | 21 |
| 22 | Power control of fluctuating wind/PV generations in an isolated Microgrid based on superconducting magnetic energy storage. , 2016, , . | | 9 |
| 23 | Development energy management strategy of SMES-based Microgrid for stable islanding transition. , 2016, , . | | 9 |