

Siti Rohani Sheikh Raihan

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

401
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1163117

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docs citations

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times ranked

493
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Structural, electrical and electrochemical characterization of hybrid morphological $\text{LiNi}_0.5\text{Mn}_1.5\text{O}_4$ cathode material. <i>Physica B: Condensed Matter</i> , 2022, 624, 413376. | 2.7 | 2 |
| 2 | Multi-Functional PV Inverter With Low Voltage Ride-Through and Constant Power Output. <i>IEEE Access</i> , 2022, 10, 29567-29588. | 4.2 | 9 |
| 3 | Improved cycling stability of V_{2O_5} modified spinel LiMn_2O_4 cathode at high cut-off voltage for lithium-ion batteries. <i>International Journal of Applied Ceramic Technology</i> , 2022, 19, 2036-2052. | 2.1 | 11 |
| 4 | Simulative Study to Reduce DC-Link Capacitor of Drive Train for Electric Vehicles. <i>Energies</i> , 2022, 15, 4499. | 3.1 | 3 |
| 5 | Grid-connected photovoltaic inverters with low-voltage ride through for a residential-scale system: A review. <i>International Transactions on Electrical Energy Systems</i> , 2021, 31, e12630. | 1.9 | 10 |
| 6 | Parallel Inductor Multilevel Current Source Inverter for Input Ripple Current Reduction in PEM Fuel Cell Applications. <i>IETE Journal of Research</i> , 2020, 66, 505-517. | 2.6 | 0 |
| 7 | PV inverter with decoupled active and reactive power control to mitigate grid faults. <i>Renewable Energy</i> , 2020, 162, 877-892. | 8.9 | 37 |
| 8 | Charge coordination and battery lifecycle analysis of electric vehicles with V2G implementation. <i>Electric Power Systems Research</i> , 2020, 184, 106307. | 3.6 | 56 |
| 9 | A comprehensive review of reactive power control strategies for three phase grid connected photovoltaic systems with low voltage ride through capability. <i>Journal of Renewable and Sustainable Energy</i> , 2019, 11, . | 2.0 | 13 |
| 10 | Sizing and applications of battery energy storage technologies in smart grid system: A review. <i>Journal of Renewable and Sustainable Energy</i> , 2019, 11, . | 2.0 | 75 |
| 11 | Optimal sizing and energy scheduling of isolated microgrid considering the battery lifetime degradation. <i>PLoS ONE</i> , 2019, 14, e0211642. | 2.5 | 78 |
| 12 | Analysis performance of proton exchange membrane fuel cell (PEMFC). <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 210, 012052. | 0.6 | 5 |
| 13 | Parallel inductor multilevel current source inverter with energy recovery scheme for inductor currents balancing. <i>IET Power Electronics</i> , 2016, 9, 2298-2304. | 2.1 | 8 |
| 14 | Five-Level Diode-Clamped Inverter With Three-Level Boost Converter. <i>IEEE Transactions on Industrial Electronics</i> , 2014, 61, 5155-5163. | 7.9 | 85 |
| 15 | Comparative Analysis of Three-Phase AC-DC Converters Using HIL-Simulation. <i>Journal of Power Electronics</i> , 2013, 13, 104-112. | 1.5 | 6 |
| 16 | Study of three-phase buck-derived rectifier with cascaded boost output stage. , 2011, , . | | 0 |
| 17 | Modeling of FPGA-based pulse-width modulation for parallel three-phase AC/DC converters. , 2009, , . | | 3 |