

# Siti Rohani Sheikh Raihan

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

401  
citations

1163117

8  
h-index

1058476

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

493  
citing authors

#	ARTICLE	IF	CITATIONS
1	Five-Level Diode-Clamped Inverter With Three-Level Boost Converter. IEEE Transactions on Industrial Electronics, 2014, 61, 5155-5163.	7.9	85
2	Optimal sizing and energy scheduling of isolated microgrid considering the battery lifetime degradation. PLoS ONE, 2019, 14, e0211642.	2.5	78
3	Sizing and applications of battery energy storage technologies in smart grid system: A review. Journal of Renewable and Sustainable Energy, 2019, 11, .	2.0	75
4	Charge coordination and battery lifecycle analysis of electric vehicles with V2G implementation. Electric Power Systems Research, 2020, 184, 106307.	3.6	56
5	PV inverter with decoupled active and reactive power control to mitigate grid faults. Renewable Energy, 2020, 162, 877-892.	8.9	37
6	A comprehensive review of reactive power control strategies for three phase grid connected photovoltaic systems with low voltage ride through capability. Journal of Renewable and Sustainable Energy, 2019, 11, .	2.0	13
7	Improved cycling stability of $V_{2O_5}$ modified spinel $LiMn_2O_4$ cathode at high cut-off voltage for lithium-ion batteries. International Journal of Applied Ceramic Technology, 2022, 19, 2036-2052.	2.1	11
8	Grid-connected photovoltaic inverters with low-voltage ride through for a residential-scale system: A review. International Transactions on Electrical Energy Systems, 2021, 31, e12630.	1.9	10
9	Multi-Functional PV Inverter With Low Voltage Ride-Through and Constant Power Output. IEEE Access, 2022, 10, 29567-29588.	4.2	9
10	Parallel inductor multilevel current source inverter with energy recovery scheme for inductor currents balancing. IET Power Electronics, 2016, 9, 2298-2304.	2.1	8
11	Comparative Analysis of Three-Phase AC-DC Converters Using HIL-Simulation. Journal of Power Electronics, 2013, 13, 104-112.	1.5	6
12	Analysis performance of proton exchange membrane fuel cell (PEMFC). IOP Conference Series: Materials Science and Engineering, 2017, 210, 012052.	0.6	5
13	Modeling of FPGA-based pulse-width modulation for parallel three-phase AC/DC converters. , 2009, , .		3
14	Simulative Study to Reduce DC-Link Capacitor of Drive Train for Electric Vehicles. Energies, 2022, 15, 4499.	3.1	3
15	Structural, electrical and electrochemical characterization of hybrid morphological $LiNi_{0.5}Mn_{1.5}O_4$ cathode material. Physica B: Condensed Matter, 2022, 624, 413376.	2.7	2
16	Study of three-phase buck-derived rectifier with cascaded boost output stage. , 2011, , .		0
17	Parallel Inductor Multilevel Current Source Inverter for Input Ripple Current Reduction in PEM Fuel Cell Applications. IETE Journal of Research, 2020, 66, 505-517.	2.6	0