

Mahmoud A Gaafar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9278118/publications.pdf>

Version: 2024-02-01

18
papers

83
citations

1684188

5
h-index

1872680

6
g-index

18
all docs

18
docs citations

18
times ranked

91
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-Input transformer-less four-wire microinverter with distributed MPPT for PV systems. International Journal of Circuit Theory and Applications, 2021, 49, 1704-1725.	2.0	9
2	A New Single Stage Quadratic Buck-Boost Inverter. , 2021, , .		0
3	Performance Investigation of Switched Reluctance Motor Driven by Quasi-Z-Source Integrated Multiport Converter with Different Switching Algorithms. Sustainability, 2021, 13, 9517.	3.2	5
4	Common-Ground Photovoltaic Inverters for Leakage Current Mitigation: Comparative Review. Applied Sciences (Switzerland), 2021, 11, 11266.	2.5	11
5	A Novel Dual-Input High-Gain Transformerless Multilevel Single-Phase Microinverter for PV Systems. IEEE Transactions on Power Electronics, 2020, 35, 4703-4714.	7.9	11
6	Predictive Control of Multi-Level Single Phase Microinverter. , 2019, , .		2
7	Multi-Input Ąuk-Derived Buck-Boost Voltage Source Inverter for Photovoltaic Systems in Microgrid Applications. Energies, 2019, 12, 2007.	3.1	7
8	A Novel High Gain Single-phase Transformer-less Multi-level Micro-inverter. , 2019, , .		2
9	Performance Analysis for Single-Stage Buck-Boost Inverter. , 2019, , .		2
10	Three Level T-Type Buck-Boost Voltage Source Inverter. , 2019, , .		1
11	Systematic design of grid-current-based active damping for grid-connected LCL filters. , 2017, , .		1
12	Modified harmonic injection technique for electrolytic capacitor-less LED driver. , 2017, , .		11
13	New active damping method for LCL filter resonance based on two feedback system. , 2016, , .		2
14	A Two State Feedback Active Damping Strategy for the LCL Filter Resonance in Grid-Connected Converters. Journal of Power Electronics, 2016, 16, 1587-1597.	1.5	3
15	Robustness analysis for observer based active damping of LCL filter at different resonant frequencies. , 2015, , .		0
16	Dual feedback active damping method for grid-connected LCL filter resonance. , 2015, , .		2
17	Active damping for grid-connected LCL filter based on optimum P+R controller design using injected grid current feedback only. , 2014, , .		4
18	Active damping for grid-connected LCL filter based on optimum controller design using injected grid current feedback only. , 2014, , .		10