

# Mahmoud A Gaafar

## List of Publications by Year in descending order

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18  
papers

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1684188

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docs citations

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times ranked

91  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modified harmonic injection technique for electrolytic capacitor-less LED driver. , 2017, , .		11
2	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
3	Common-Ground Photovoltaic Inverters for Leakage Current Mitigation: Comparative Review. Applied Sciences (Switzerland), 2021, 11, 11266.	2.5	11
4	Active damping for grid-connected LCL filter based on optimum controller design using injected grid current feedback only. , 2014, , .		10
5	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
6	Multi-Input Ąuk-Derived Buck-Boost Voltage Source Inverter for Photovoltaic Systems in Microgrid Applications. Energies, 2019, 12, 2007.	3.1	7
7	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
8	Active damping for grid-connected LCL filter based on optimum P&#x002B;R controller design using injected grid current feedback only. , 2014, , .		4
9	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
10	Dual feedback active damping method for grid-connected LCL filter resonance. , 2015, , .		2
11	New active damping method for LCL filter resonance based on two feedback system. , 2016, , .		2
12	Predictive Control of Multi-Level Single Phase Microinverter. , 2019, , .		2
13	A Novel High Gain Single-phase Transformer-less Multi-level Micro-inverter. , 2019, , .		2
14	Performance Analysis for Single-Stage Buck-Boost Inverter. , 2019, , .		2
15	Systematic design of grid-current-based active damping for grid-connected LCL filters. , 2017, , .		1
16	Three Level T-Type Buck-Boost Voltage Source Inverter. , 2019, , .		1
17	Robustness analysis for observer based active damping of LCL filter at different resonant frequencies. , 2015, , .		0
18	A New Single Stage Quadratic Buck-Boost Inverter. , 2021, , .		0