

# Maria C Mira

## List of Publications by Year in descending order

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15  
papers

269  
citations

1937685

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2272923

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g-index

15  
all docs

15  
docs citations

15  
times ranked

260  
citing authors

#	ARTICLE	IF	CITATIONS
1	Zero Voltage Switching Control Method for MHz Boundary Conduction Mode Converters. IEEE Transactions on Industrial Electronics, 2020, 67, 1544-1554.	7.9	9
2	Fractional Charging Converter With High Efficiency and Low Cost for Electrochemical Energy Storage Devices. IEEE Transactions on Industry Applications, 2019, 55, 7461-7470.	4.9	37
3	Analysis and Comparison of dc/dc Topologies in Partial Power Processing Configuration for Energy Storage Systems. , 2018, , .		17
4	Loss analysis of GaN based partial parallel isolated bidirectional full bridge boost converter. , 2018, , .		0
5	Analysis, Design, Modeling, and Control of an Interleaved-Boost Full-Bridge Three-Port Converter for Hybrid Renewable Energy Systems. IEEE Transactions on Power Electronics, 2017, 32, 1138-1155.	7.9	134
6	Analytical comparison of dual-input isolated dc-dc converter with an ac or dc inductor for renewable energy systems. , 2017, , .		4
7	Review of high efficiency bidirectional dc-dc topologies with high voltage gain. , 2017, , .		14
8	Loss distribution analysis of a three-port converter for low-power stand-alone light-to-light systems. , 2016, , .		1
9	Power flow control of a dual-input interleaved buck/boost converter with galvanic isolation for renewable energy systems. , 2015, , .		7
10	MOSFET loss evaluation for a low-power StandAlone photovoltaic-LED system. , 2015, , .		1
11	Analysis and comparison based on component stress factor of dual active bridge and isolated full bridge boost converters for bidirectional fuel cells systems. , 2014, , .		18
12	Analysis and comparison of magnetic structures in a tapped boost converter for LED applications. , 2014, , .		2
13	A three-port topology comparison for a low power stand-alone photovoltaic system. , 2014, , .		6
14	Boost converter with combined control loop for a stand-alone photovoltaic battery charge system. , 2013, , .		13
15	Isolated Boost Converter with Bidirectional Operation for Supercapacitor Applications. Journal of Power Electronics, 2013, 13, 507-515.	1.5	6