

# Ilaria Maticena

## List of Publications by Year in descending order

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11  
papers

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2258059

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#	ARTICLE	IF	CITATIONS
1	Influence of the SiC/SiO <sub>2</sub> /SiC MOSFET Interface Traps Distribution on C-V Measurements Evaluated by TCAD Simulations. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 2171-2179.	5.4	23
2	Impedance Spectroscopy for the Characterization of the All-Carbon Graphene-Based Solar Cell. Energies, 2020, 13, 1908.	3.1	17
3	Evaluation of Interface Traps Type, Energy Level and Density of SiC MOSFETs by Means of C-V Curves TCAD Simulations. Materials Science Forum, 0, 1004, 608-613.	0.3	11
4	Forward bias capacitance investigation as a powerful tool to monitor graphene/silicon interfaces. Solar Energy, 2021, 226, 1-8.	6.1	11
5	Merged Photovoltaic/Wave System for the Power Supply of a Marine Buoy for Harbour Monitoring. , 2019, , .		6
6	Equivalent circuit extraction procedure from Nyquist plots for graphene-silicon solar cells. , 2019, , .		5
7	A GaN based bidirectional switch for matrix converter applications. , 2020, , .		4
8	Experimental Analysis of C-V and I-V Curves Hysteresis in SiC MOSFETs. Materials Science Forum, 0, 1062, 669-675.	0.3	3
9	SiC MOSFET C-V Curves Analysis with Floating Drain Configuration. Materials Science Forum, 0, 1062, 663-668.	0.3	3
10	SiC MOSFET C-V Characteristics with Positive Biased Drain. Materials Science Forum, 0, 1062, 653-657.	0.3	2
11	Reconfiguration of solar fields by means of forced activation of bypass diodes. , 2018, , .		0