

Paolo Mariani

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Spectral Changes by Dye Sensitized Solar Modules Influence the Pigment Composition and Productivity of <i>Arthrospira maxima</i> and Increase the Overall Energy Efficiency. <i>Advanced Sustainable Systems</i> , 2022, 6, .	5.3	9
2	The Golden Fig: A Plasmonic Effect Study of Organic-Based Solar Cells. <i>Nanomaterials</i> , 2022, 12, 267.	4.1	10
3	Process Engineering of Semitransparent DSSC Modules and Panel Incorporating an Organic Sensitizer. <i>Solar Rrl</i> , 2022, 6, .	5.8	12
4	Methoxy-substituted copper complexes as possible redox mediators in dye-sensitized solar cells. <i>New Journal of Chemistry</i> , 2021, 45, 15303-15311.	2.8	11
5	Low-Temperature Graphene-Based Paste for Large-Area Carbon Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 22368-22380.	8.0	39
6	Ag/MgO Nanoparticles via Gas Aggregation Nanocluster Source for Perovskite Solar Cell Engineering. <i>Materials</i> , 2021, 14, 5507.	2.9	4
7	Practical development of efficient thermoelectric “ Photovoltaic hybrid systems based on wide-gap solar cells. <i>Applied Energy</i> , 2021, 300, 117343.	10.1	37
8	Graphene-Based Interconnects for Stable Dye-Sensitized Solar Modules. <i>ACS Applied Energy Materials</i> , 2021, 4, 98-110.	5.1	9
9	Stable Semi-Transparent Dye-Sensitized Solar Modules and Panels for Greenhouse Application. <i>Energies</i> , 2021, 14, 6393.	3.1	40
10	Colour-sensitive conjugated polymer inkjet-printed pixelated artificial retina model studied via a bio-hybrid photovoltaic device. <i>Scientific Reports</i> , 2020, 10, 21457.	3.3	13
11	Thiazolo[5,4- <i>d</i>]thiazole-based organic sensitizers with improved spectral properties for application in greenhouse-integrated dye-sensitized solar cells. <i>Sustainable Energy and Fuels</i> , 2020, 4, 2309-2321.	4.9	42
12	Nanocomposites of Nickel Oxide and Zirconia for the Preparation of Photocathodes with Improved Performance in <i>p</i> -Type Dye-Sensitized Solar Cells. <i>Journal of the Electrochemical Society</i> , 2019, 166, D290-D300.	2.9	10
13	Scaling-up of Dye Sensitized Solar Modules. <i>World Scientific Series in Nanoscience and Nanotechnology</i> , 2019, , 423-485.	0.1	9
14	Photoelectrochemical and spectrophotometric studies on dye-sensitized solar cells (DSCs) and stable modules (DSCMs) based on natural apocarotenoids pigments. <i>Dyes and Pigments</i> , 2018, 155, 75-83.	3.7	37
15	A novel class of dye-sensitized solar modules. Glass-plastic structure for mechanically stable devices. , 2018, , .		4
16	The role of printing techniques for large-area dye sensitized solar cells. <i>Semiconductor Science and Technology</i> , 2015, 30, 104003.	2.0	78