

Linda Cattin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Investigation of the different possible energy band structure configurations for planar heterojunction organic solar cells. <i>Solid-State Electronics</i> , 2022, 191, 108254.	1.4	2
2	Low temperature synthesis of MoS ₂ and MoO ₃ :MoS ₂ hybrid thin films via the use of an original hybrid sulfidation technique. <i>Surfaces and Interfaces</i> , 2022, 32, 102120.	3.0	3
3	Nanostructured TiO ₂ and PEDOT Electrodes with Photovoltaic Application. <i>Nanomaterials</i> , 2021, 11, 107.	4.1	6
4	Semi-Transparent Organic Photovoltaic Cells with Dielectric/Metal/Dielectric Top Electrode: Influence of the Metal on Their Performances. <i>Nanomaterials</i> , 2021, 11, 393.	4.1	10
5	Power Conversion Efficiency Improvement of Planar Organic Photovoltaic Cells Using an Original Hybrid Electron-Transporting Layer. <i>ACS Omega</i> , 2021, 6, 6614-6622.	3.5	2
6	Improvement of inverted planar heterojunction solar cells efficiency by using KI/Alq ₃ hybrid exciton blocking layer. <i>Solid-State Electronics</i> , 2021, 186, 108165.	1.4	1
7	The effect of the band structure on the Voc value of ternary planar heterojunction organic solar cells based on pentacene, boron subphthalocyanine chloride and different electron acceptors. <i>Journal of Physics and Chemistry of Solids</i> , 2020, 136, 109142.	4.0	18
8	New electron donor in planar heterojunction: optimization of the cells efficiency through the choice of the hole-extracting layer. <i>EPJ Applied Physics</i> , 2020, 89, 20201.	0.7	1
9	Open circuit voltage of organic photovoltaic cells using C ₆₀ as acceptor: variation with the donor. <i>EPJ Applied Physics</i> , 2019, 86, 20201.	0.7	9
10	Stabilisation of Cu films in WO ₃ /Ag/Cu:Al/WO ₃ structures through their doping by Al and Ag. <i>Thin Solid Films</i> , 2019, 669, 613-619.	1.8	7
11	Stabilisation Attempts of the Electrical and Optical Properties of Oxide/Cu/Oxide Structures Through the Use of Different Cu:M Alloys. , 2018, , .		0
12	Open Circuit Voltage of Organic Photovoltaic Cells using Free Acceptor. , 2018, , .		0
13	Highlighting the possibility of parallel mechanism in planar ternary photovoltaic cells. <i>AIP Advances</i> , 2018, 8, 115329.	1.3	4
14	PANI Branches onto Donor-Acceptor Copolymers: Synthesis, Characterization and Electroluminescent Properties of New 2D-Materials. <i>Polymers</i> , 2018, 10, 553.	4.5	16
15	Copper:molybdenum sub-oxide blend as transparent conductive electrode (TCE) indium free. <i>EPJ Applied Physics</i> , 2016, 74, 24604.	0.7	4
16	Improvement of pentathiophene/fullerene planar heterojunction photovoltaic cells by improving the organic films morphology through the anode buffer bilayer. <i>EPJ Applied Physics</i> , 2016, 74, 24603.	0.7	9
17	Influence of the presence of Ca in the cathode buffer layer on the performance and stability of organic photovoltaic cells using a branched sexithienylenevinylene oligomer as electron donor. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2015, 212, 1767-1773.	1.8	7
18	Improvement in the Lifetime of Planar Organic Photovoltaic Cells through the Introduction of MoO ₃ into Their Cathode Buffer Layers. <i>Electronics (Switzerland)</i> , 2014, 3, 122-131.	3.1	9

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19	Small molecules organic photovoltaic devices based on the planar heterojunction porphyrin derivatives/fullerene. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014, 18, 347-353.	0.8	5
20	Improved electron collection in fullerene via caesium iodide or carbonate by means of annealing in inverted organic solar cells. <i>EPJ Photovoltaics</i> , 2014, 5, 50401.	1.6	5
21	Effect of the Ag deposition rate on the properties of conductive transparent MoO ₃ /Ag/MoO ₃ multilayers. <i>Solar Energy Materials and Solar Cells</i> , 2013, 117, 103-109.	6.2	47
22	MoO ₃ /CuI hybrid buffer layer for the optimization of organic solar cells based on a donor-acceptor triphenylamine. <i>Solar Energy Materials and Solar Cells</i> , 2013, 110, 107-114.	6.2	41
23	Use of Cu-Ag bi-layer films in oxide/metal/oxide transparent electrodes to widen their spectra of transmittance. <i>Materials Letters</i> , 2013, 112, 187-189.	2.6	18
24	Effect of CuI Anode Buffer Layer on the Growth of Polymers Thin Films and on the Performances of Organic Solar Cells. <i>Natural Resources</i> , 2013, 04, 123-133.	0.4	6
25	Effect of the nature of the anode buffer layer - MoO ₃ , CuI or MoO ₃ /CuI - on the performances of organic solar cells based on oligothiophene thin films deposited by sublimation. <i>EPJ Applied Physics</i> , 2012, 60, 31302.	0.7	7
26	Organic solar cells using a multilayer structure MoO ₃ /Ag/MoO ₃ as anode. <i>Journal of Polymer Engineering</i> , 2011, 31, .	1.4	4
27	On the ultrathin gold film used as buffer layer at the transparent conductive anode/organic electron donor interface. <i>Gold Bulletin</i> , 2011, 44, 199-205.	2.4	17
28	Effect of Perylene as Electron Acceptor and poly(tetrabromo-phenylene Diselenide) as Buffer Layer on Heterojunction Solar Cells Performances. <i>Macromolecular Symposia</i> , 2011, 304, 109-114.	0.7	3
29	Influence of anode roughness and buffer layer nature on organic solar cells performance. <i>Thin Solid Films</i> , 2010, 518, 6117-6122.	1.8	38