Linda Cattin

List of Publications by Year
in descending order

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29	299	1040056	888059
papers	citations	9 h-index	17 g-index

29	29	29	532
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of the Ag deposition rate on the properties of conductive transparent MoO3/Ag/MoO3 multilayers. Solar Energy Materials and Solar Cells, 2013, 117, 103-109.	6.2	47
2	MoO3/CuI hybrid buffer layer for the optimization of organic solar cells based on a donorâ€“acceptor triphenylamine. Solar Energy Materials and Solar Cells, 2013, 110, 107-114.	6.2	41
3	Influence of anode roughness and buffer layer nature on organic solar cells performance. Thin Solid Films, 2010, 518, 6117-6122.	1.8	38
4	Use of Cuâ€“Ag bi-layer films in oxide/metal/oxide transparent electrodes to widen their spectra of transmittance. Materials Letters, 2013, 112, 187-189.	2.6	18
5	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. Journal of Physics and Chemistry of Solids, 2020, 136, 109142.	4.0	18
6	On the ultrathin gold film used as buffer layer at the transparent conductive anode/organic electron donor interface. Gold Bulletin, 2011, 44, 199-205.	2.4	17
7	PANI Branches onto Donor-Acceptor Copolymers: Synthesis, Characterization and Electroluminescent Properties of New 2D-Materials. Polymers, 2018, 10, 553.	4.5	16
8	Semi-Transparent Organic Photovoltaic Cells with Dielectric/Metal/Dielectric Top Electrode: Influence of the Metal on Their Performances. Nanomaterials, 2021, 11, 393.	4.1	10
9	Improvement in the Lifetime of Planar Organic Photovoltaic Cells through the Introduction of MoO3 into Their Cathode Buffer Layers. Electronics (Switzerland), 2014, 3, 122-131.	3.1	9
10	Improvement of pentathiophene/fullerene planar heterojunction photovoltaic cells by improving the organic films morphology through the anode buffer bilayer. EPJ Applied Physics, 2016, 74, 24603.	0.7	9
11	Open circuit voltage of organic photovoltaic cells using C₆₀ as acceptor: variation with the donor. EPJ Applied Physics, 2019, 86, 20201.	0.7	9
12	Effect of the nature of the anode buffer layer â€“ MoO3, CuI or MoO3/CuI â€“ on the performances of organic solar cells based on oligothiophene thin films deposited by sublimation. EPJ Applied Physics, 2012, 60, 31302.	0.7	7
13	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. Physica Status Solidi (A) Applications and Materials Science, 2015, 212, 1767-1773.	1.8	7
14	Stabilisation of Cu films in WO3/Ag/Cu:Al/WO3 structures through their doping by Al and Ag. Thin Solid Films, 2019, 669, 613-619.	1.8	7
15	Nanostructured TiO2 and PEDOT Electrodes with Photovoltaic Application. Nanomaterials, 2021, 11, 107.	4.1	6
16	Effect of CuI Anode Buffer Layer on the Growth of Polymers Thin Films and on the Performances of Organic Solar Cells. Natural Resources, 2013, 04, 123-133.	0.4	6
17	Small molecules organic photovoltaic devices based on the planar heterojunction porphyrin derivates/fullerene. Journal of Porphyrins and Phthalocyanines, 2014, 18, 347-353.	0.8	5
18	Improved electron collection in fullerene via caesium iodide or carbonate by means of annealing in inverted organic solar cells. EPJ Photovoltaics, 2014, 5, 50401.	1.6	5

#	Article	IF	Citations
19	Organic solar cells using a multilayer structure MoO3/Ag/MoO3 as anode. Journal of Polymer Engineering, 2011, 31, .	1.4	4
20	Copper:molybdenum sub-oxide blend as transparent conductive electrode (TCE) indium free. EPJ Applied Physics, 2016, 74, 24604.	0.7	4
21	Highlighting the possibility of parallel mechanism in planar ternary photovoltaic cells. AIP Advances, 2018, 8, 115329.	1.3	4
22	Effect of Perylene as Electron Acceptor and poly(tetrabromoâ€pâ€phenylene Diselenide) as â€œBuffer Layerâ€• on Heterojunction Solar Cells Performances. Macromolecular Symposia, 2011, 304, 109-114.	0.7	3
23	Low temperature synthesis of MoS2 and MoO3:MoS2 hybrid thin films via the use of an original hybrid sulfidation technique. Surfaces and Interfaces, 2022, 32, 102120.	3.0	3
24	Power Conversion Efficiency Improvement of Planar Organic Photovoltaic Cells Using an Original Hybrid Electron-Transporting Layer. ACS Omega, 2021, 6, 6614-6622.	3.5	2
25	Investigation of the different possible energy band structure configurations for planar heterojunction organic solar cells. Solid-State Electronics, 2022, 191, 108254.	1.4	2
26	New electron donor in planar heterojunction: optimization of the cells efficiency through the choice of the hole-extracting layer. EPJ Applied Physics, 2020, 89, 20201.	0.7	1
27	Improvement of inverted planar heterojunction solar cells efficiency by using KI/Alq3 hybrid exciton blocking layer. Solid-State Electronics, 2021, 186, 108165.	1.4	1
28	Stabilisation Attempts of the Electrical and Optical Properties of Oxide/Cu/Oxide Structures Through the Use of Different Cu:M Alloys. , 2018, , .		0
29	Open Circuit Voltage of Organic Photovoltaic Cells using Free Acceptor. , 2018, , .		0