

Luigi Salamandra

List of Publications by Year in descending order

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16
papers

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759055

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17
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866
citing authors

#	ARTICLE	IF	CITATIONS
1	Airbrush spray-coating of polymer bulk-heterojunction solar cells. Solar Energy Materials and Solar Cells, 2011, 95, 1775-1778.	3.0	117
2	Spray Coating for Polymer Solar Cells: An Update Overview. Energy Technology, 2015, 3, 385-406.	1.8	69
3	Influence of the interface material layers and semiconductor energetic disorder on the open circuit voltage in polymer solar cells. Journal of Polymer Science, Part B: Polymer Physics, 2015, 53, 690-699.	2.4	39
4	Chemical Vapor Deposited Graphene-Based Derivative As High-Performance Hole Transport Material for Organic Photovoltaics. ACS Applied Materials & Interfaces, 2016, 8, 23844-23853.	4.0	29
5	Fluoro-functionalization of vinylene units in a polyarylenevinylene for polymer solar cells. Journal of Materials Chemistry A, 2013, 1, 715-727.	5.2	27
6	Perovskite photo-detectors (PVSK-PDs) for visible light communication. Organic Electronics, 2019, 69, 220-226.	1.4	25
7	Low-temperature synthesis of carbon nanotubes on indium tin oxide electrodes for organic solar cells. Beilstein Journal of Nanotechnology, 2012, 3, 524-532.	1.5	20
8	A comparative study of organic photodetectors based on P3HT and PTB7 polymers for visible light communication. Organic Electronics, 2020, 81, 105666.	1.4	20
9	Atomistic Modeling of Gate-All-Around Si-Nanowire Field-Effect Transistors. IEEE Transactions on Electron Devices, 2007, 54, 3159-3167.	1.6	16
10	Time-Resolved Response of Polymer Bulk-Heterojunction Photodetectors. IEEE Photonics Technology Letters, 2011, 23, 780-782.	1.3	16
11	Airbrush Spray Coating of Amorphous Titanium Dioxide for Inverted Polymer Solar Cells. International Journal of Photoenergy, 2012, 2012, 1-5.	1.4	16
12	Influence of encapsulation materials on the optical properties and conversion efficiency of heat-sealed flexible polymer solar cells. Surface and Coatings Technology, 2014, 255, 69-73.	2.2	13
13	On the Role of PTB7:Th[70]PCBM Blend Concentration in ortho-Xylene on Polymer Solar Cell Performance. Energy Technology, 2017, 5, 2168-2174.	1.8	10
14	Inverted Bulk-Heterojunction Solar Cells using Polyethylenimine-Ethoxylated Processed from a Fully Aqueous Dispersion as Electron Transport Layer. Energy Technology, 2015, 3, 1152-1158.	1.8	3
15	Preliminary investigations of the effects of air turbulences on the performance of an indoor optical wireless link. , 2016, , .		1
16	Effect of Temperature Change on the Performance of Laser Diode at 450 nm for Submarine Optical Communications. , 2020, , .		0