

Daniele Di Nuzzo

List of Publications by Year in descending order

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times ranked

4949
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrically Induced Mixed Valence Increases the Conductivity of Copper Helical Metallopolymers. <i>Advanced Materials</i> , 2021, 33, e2100403.	21.0	14
2	Graphene-passivated nickel as an efficient hole-injecting electrode for large area organic semiconductor devices. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	3
3	Circularly Polarized Photoluminescence from Chiral Perovskite Thin Films at Room Temperature. <i>ACS Nano</i> , 2020, 14, 7610-7616.	14.6	86
4	(Perylene)3-(TCNQF1)2: Yet Another Member in the Series of Peryleneâ€“TCNQF _x Polymorphic Charge Transfer Crystals. <i>Crystals</i> , 2020, 10, 177.	2.2	4
5	A general approach for hysteresis-free, operationally stable metal halide perovskite field-effect transistors. <i>Science Advances</i> , 2020, 6, eaaz4948.	10.3	129
6	Molecular Design Principles for Achieving Strong Chiroptical Properties of Fluorene Copolymers in Thin Films. <i>Chemistry of Materials</i> , 2019, 31, 6633-6641.	6.7	52
7	Growth of Nanosized Single Crystals for Efficient Perovskite Light-Emitting Diodes. <i>ACS Nano</i> , 2018, 12, 3417-3423.	14.6	109
8	Solvatochromic covalent organic frameworks. <i>Nature Communications</i> , 2018, 9, 3802.	12.8	171
9	Conjugated Polyelectrolytes as Efficient Hole Transport Layers in Perovskite Light-Emitting Diodes. <i>ACS Nano</i> , 2018, 12, 5826-5833.	14.6	56
10	Unraveling Mechanisms of Chiral Induction in Double-Helical Metallopolymers. <i>Journal of the American Chemical Society</i> , 2018, 140, 10344-10353.	13.7	59
11	Amine-Based Passivating Materials for Enhanced Optical Properties and Performance of Organicâ€“Inorganic Perovskites in Light-Emitting Diodes. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 1784-1792.	4.6	220
12	Effect of the solvent used for fabrication of perovskite films by solvent dropping on performance of perovskite light-emitting diodes. <i>Nanoscale</i> , 2017, 9, 2088-2094.	5.6	61
13	High Circular Polarization of Electroluminescence Achieved via Self-Assembly of a Light-Emitting Chiral Conjugated Polymer into Multidomain Cholesteric Films. <i>ACS Nano</i> , 2017, 11, 12713-12722.	14.6	197
14	Pitch and Handedness of the Cholesteric Order in Films of a Chiral Alternating Fluorene Copolymer. <i>Journal of Physical Chemistry B</i> , 2017, 121, 11520-11527.	2.6	26
15	Ultrafast Charge and Triplet State Formation in Diketopyrrolopyrrole Low Band Gap Polymer/Fullerene Blends: Influence of Nanoscale Morphology of Organic Photovoltaic Materials on Charge Recombination to the Triplet State. <i>Journal of Spectroscopy</i> , 2017, 2017, 1-16.	1.3	24
16	Improving the Stability and Performance of Perovskite Light-Emitting Diodes by Thermal Annealing Treatment. <i>Advanced Materials</i> , 2016, 28, 6906-6913.	21.0	111
17	Structure, Stoichiometry, and Charge Transfer in Cocrystals of Perylene with TCNQ-F ₃ . <i>Crystal Growth and Design</i> , 2016, 16, 3028-3036.	3.0	99
18	Improved performance of perovskite light-emitting diodes using a PEDOT:PSS and MoO ₃ composite layer. <i>Journal of Materials Chemistry C</i> , 2016, 4, 8161-8165.	5.5	75

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19	How intermolecular geometrical disorder affects the molecular doping of donor-acceptor copolymers. <i>Nature Communications</i> , 2015, 6, 6460.	12.8	104
20	Enhanced Photogeneration of Polaron Pairs in Neat Semicrystalline Donor-Acceptor Copolymer Films via Direct Excitation of Interchain Aggregates. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 1196-1203.	4.6	24
21	Near infrared ultrafast pump-probe spectroscopy with ZrF ₄ -BaF ₂ -LaF ₃ -AlF ₃ -NaF fiber supercontinuum. <i>Applied Physics Letters</i> , 2015, 107, 021103.	3.3	6
22	The Role of Photon Energy in Free Charge Generation in Bulk Heterojunction Solar Cells. <i>Advanced Energy Materials</i> , 2014, 4, 1400416.	19.5	12
23	Carrier Recombination in Polymer Fullerene Solar Cells Probed by Reversible Exchange of Charge between the Active Layer and Electrodes Induced by a Linearly Varying Voltage. <i>Journal of Physical Chemistry C</i> , 2013, 117, 3210-3220.	3.1	10
24	Simultaneous Open-Circuit Voltage Enhancement and Short-Circuit Current Loss in Polymer: Fullerene Solar Cells Correlated by Reduced Quantum Efficiency for Photoinduced Electron Transfer. <i>Advanced Energy Materials</i> , 2013, 3, 85-94.	19.5	77
25	Evidence for space-charge-limited conduction in organic photovoltaic cells at open-circuit conditions. <i>Physical Review B</i> , 2013, 87, .	3.2	17
26	Effect of PCBM on the Photodegradation Kinetics of Polymers for Organic Photovoltaics. <i>Chemistry of Materials</i> , 2012, 24, 4397-4405.	6.7	73
27	Influence of Photon Excess Energy on Charge Carrier Dynamics in a Polymer-Fullerene Solar Cell. <i>Advanced Energy Materials</i> , 2012, 2, 1095-1099.	19.5	69
28	Influence of cathode oxidation via the hole extraction layer in polymer:fullerene solar cells. <i>Organic Electronics</i> , 2011, 12, 736-744.	2.6	255
29	Efficient Solar Cells Based on an Easily Accessible Diketopyrrolopyrrole Polymer. <i>Advanced Materials</i> , 2010, 22, E242-6.	21.0	358
30	Improved Film Morphology Reduces Charge Carrier Recombination into the Triplet Excited State in a Small Bandgap Polymer-Fullerene Photovoltaic Cell. <i>Advanced Materials</i> , 2010, 22, 4321-4324.	21.0	151