

Chan Luo

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

2,682
citations

686830

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940134

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16
docs citations

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times ranked

4202
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible Organic Transistors with Controlled Nanomorphology. <i>Nano Letters</i> , 2016, 16, 314-319.	4.5	85
2	The Density of States and the Transport Effective Mass in a Highly Oriented Semiconducting Polymer: Electronic Delocalization in 1D. <i>Advanced Materials</i> , 2015, 27, 7759-7765.	11.1	52
3	33.3: <i>Invited Paper</i>: Electronic Properties of Highly Oriented Nanoâ€Crystalline Semiconducting Polymers. <i>Digest of Technical Papers SID International Symposium</i> , 2015, 46, 483-485.	0.1	1
4	NEXAFS Spectroscopy Reveals the Molecular Orientation in Blade-Coated Pyridal[2,1,3]thiadiazole-Containing Conjugated Polymer Thin Films. <i>Macromolecules</i> , 2015, 48, 6606-6616.	2.2	56
5	Highâ€Mobility Fieldâ€Effect Transistors Fabricated with Macroscopic Aligned Semiconducting Polymers. <i>Advanced Materials</i> , 2014, 26, 2993-2998.	11.1	524
6	Effect of Molecular Order on the Performance of Naphthobisthiadiazoleâ€Based Polymer Solar Cells. <i>Advanced Energy Materials</i> , 2014, 4, 1301601.	10.2	22
7	General Strategy for Self-Assembly of Highly Oriented Nanocrystalline Semiconducting Polymers with High Mobility. <i>Nano Letters</i> , 2014, 14, 2764-2771.	4.5	416
8	Highâ€Efficiency Polymer Solar Cells Enhanced by Solvent Treatment. <i>Advanced Materials</i> , 2013, 25, 1646-1652.	11.1	455
9	All-solution processed polymer light-emitting diode displays. <i>Nature Communications</i> , 2013, 4, 1971.	5.8	287
10	High-Performance, All-Solution-Processed Organic Nanowire Transistor Arrays with Inkjet-Printing Patterned Electrodes. <i>Langmuir</i> , 2011, 27, 14710-14715.	1.6	27
11	Modifying organic/metal interface via solvent treatment to improve electron injection in organic light emitting diodes. <i>Organic Electronics</i> , 2011, 12, 1858-1863.	1.4	72
12	A Solution Process for Size-Controlled Growth and Transfer of Organic Nanostructures with Manufacture Scalability. <i>Langmuir</i> , 2010, 26, 5213-5216.	1.6	5
13	Direct Threeâ€Dimensional Imaging of the Buried Interfaces between Water and Superhydrophobic Surfaces. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9145-9148.	7.2	70
14	High-performance polymer heterojunction solar cells of a polysilafluorene derivative. <i>Applied Physics Letters</i> , 2008, 92, 033307.	1.5	446
15	Flexible Carbon Nanotubeâ€Polymer Composite Films with High Conductivity and Superhydrophobicity Made by Solution Process. <i>Nano Letters</i> , 2008, 8, 4454-4458.	4.5	154