

Htay Hlaing

List of Publications by Year in descending order

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14
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1244
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoimprint-Induced Molecular Orientation in Semiconducting Polymer Nanostructures. ACS Nano, 2011, 5, 7532-7538.	14.6	117
2	Low-Voltage Organic Electronics Based on a Gate-Tunable Injection Barrier in Vertical graphene-organic Semiconductor Heterostructures. Nano Letters, 2015, 15, 69-74.	9.1	105
3	Bilayer order in a polycarbazole-conjugated polymer. Nature Communications, 2012, 3, 795.	12.8	100
4	Decoupling the Effects of Self-Assembled Monolayers on Gold, Silver, and Copper Organic Transistor Contacts. Advanced Materials Interfaces, 2015, 2, 1400384.	3.7	75
5	Nanostructured Surfaces Frustrate Polymer Semiconductor Molecular Orientation. ACS Nano, 2014, 8, 243-249.	14.6	53
6	Templating and Charge Injection from Copper Electrodes into Solution-Processed Organic Field-Effect Transistors. ACS Applied Materials & Interfaces, 2013, 5, 3716-3721.	8.0	29
7	Enhanced charge collection in confined bulk heterojunction organic solar cells. Applied Physics Letters, 2011, 99, 163301.	3.3	27
8	Molecular Orientation and Performance of Nanoimprinted Polymer-Based Blend Thin Film Solar Cells. Chemistry of Materials, 2015, 27, 60-66.	6.7	23
9	Impedance spectroscopy on copper phthalocyanine diodes with surface-induced molecular orientation. Organic Electronics, 2014, 15, 1724-1730.	2.6	20
10	Strongly Correlated Alignment of Fluorinated 5,11-Bis(triethylgermylethynyl)anthradithiophene Crystallites in Solution-Processed Field-Effect Transistors. ChemPhysChem, 2014, 15, 2913-2916.	2.1	16
11	Water-Vapor-Assisted Nanoimprinting of PEDOT:PSS Thin Films. Small, 2012, 8, 3443-3447.	10.0	14
12	A macroscopic model for vertical graphene-organic semiconductor heterojunction field-effect transistors. Organic Electronics, 2016, 36, 45-49.	2.6	14
13	Difluorinated 6,13-Bis(triisopropylsilylethynyl)pentacene: Synthesis, Crystallinity, and Charge-Transport Properties. ChemPhysChem, 2015, 16, 1251-1257.	2.1	11
14	Co-development of complementary technology and modified-CPL family for organic digital integrated circuits. Materials Research Society Symposia Proceedings, 2015, 1795, 19-25.	0.1	0