

Htay Hlaing

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

604
citations

759233

12
h-index

1125743

13
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14
all docs

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docs citations

14
times ranked

1244
citing authors

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