Sean Sweetnam

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11564066/publications.pdf

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10	1,122	933447 10	1281871 11
papers	citations	h-index	g-index

11	11	11	2142
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Beyond Langevin Recombination: How Equilibrium Between Free Carriers and Charge Transfer States Determines the Openâ€Circuit Voltage of Organic Solar Cells. Advanced Energy Materials, 2015, 5, 1500123.	19.5	354
2	Characterization of the Polymer Energy Landscape in Polymer:Fullerene Bulk Heterojunctions with Pure and Mixed Phases. Journal of the American Chemical Society, 2014, 136, 14078-14088.	13.7	193
3	Molecular Packing and Solar Cell Performance in Blends of Polymers with a Bisadduct Fullerene. Nano Letters, 2012, 12, 1566-1570.	9.1	140
4	Use of Xâ€Ray Diffraction, Molecular Simulations, and Spectroscopy to Determine the Molecular Packing in a Polymerâ€Fullerene Bimolecular Crystal. Advanced Materials, 2012, 24, 6071-6079.	21.0	126
5	Electron Barrier Formation at the Organicâ€Back Contact Interface is the First Step in Thermal Degradation of Polymer Solar Cells. Advanced Functional Materials, 2014, 24, 3978-3985.	14.9	98
6	Factors Governing Intercalation of Fullerenes and Other Small Molecules Between the Side Chains of Semiconducting Polymers Used in Solar Cells. Advanced Energy Materials, 2012, 2, 1208-1217.	19.5	97
7	The Roles of Structural Order and Intermolecular Interactions in Determining Ionization Energies and Chargeâ€Transfer State Energies in Organic Semiconductors. Advanced Energy Materials, 2016, 6, 1601211.	19.5	45
8	The Impact of Donorâ€“Acceptor Phase Separation on the Charge Carrier Dynamics in pBTTT:PCBM Photovoltaic Blends. Macromolecular Rapid Communications, 2015, 36, 1054-1060.	3.9	29
9	Characterizing the Polymer:Fullerene Intermolecular Interactions. Chemistry of Materials, 2016, 28, 1446-1452.	6.7	20
10	How the Energetic Landscape in the Mixed Phase of Organic Bulk Heterojunction Solar Cells Evolves with Fullerene Content. Journal of Physical Chemistry C, 2016, 120, 6427-6434.	3.1	19