Ye Huang

List of Publications by Year
in descending order

22 papers	4,042 citations	516215 16 h-index	676716 22 g-index
25 all docs	25 docs citations	25 times ranked	4638 citing authors

#	Article	IF	Citations
1	Bulk Heterojunction Solar Cells: Morphology and Performance Relationships. Chemical Reviews, 2014, 114, 7006-7043.	23.0	1,115
2	Design, Application, and Morphology Study of a New Photovoltaic Polymer with Strong Aggregation in Solution State. Macromolecules, 2012, 45, 9611-9617.	2.2	664
3	High efficiency polymer solar cells based on poly(3-hexylthiophene)/indene-C70 bisadduct with solvent additive. Energy and Environmental Science, 2012, 5, 7943.	15.6	400
4	Highâ€Performance Inverted Polymer Solar Cells with Solutionâ€Processed Titanium Chelate as Electronâ€Collecting Layer on ITO Electrode. Advanced Materials, 2012, 24, 1476-1481.	11.1	305
5	Improving the Ordering and Photovoltaic Properties by Extending Ï€â€“Conjugated Area of Electronâ€Donating Units in Polymers with Dâ€A Structure. Advanced Materials, 2012, 24, 3383-3389.	11.1	298
6	From Binary to Ternary Solvent: Morphology Fineâ€tuning of D/A Blends in PDPP3Tâ€based Polymer Solar Cells. Advanced Materials, 2012, 24, 6335-6341.	11.1	288
7	PDTâ€Sâ€T: A New Polymer with Optimized Molecular Conformation for Controlled Aggregation and Ï€â€“Ï€ Stacking and Its Application in Efficient Photovoltaic Devices. Advanced Materials, 2013, 25, 3449-3455.	11.1	190
8	Application of Two-Dimensional Conjugated Benzo[1,2-b:4,5-bâ€²]dithiophene in Quinoxaline-Based Photovoltaic Polymers. Macromolecules, 2012, 45, 3032-3038.	2.2	154
9	Sulfonyl: a new application of electron-withdrawing substituent in highly efficient photovoltaic polymer. Chemical Communications, 2011, 47, 8904.	2.2	147
10	Synthesis of a 4,8-dialkoxy-benzo[1,2-b:4,5-bâ€²]difuran unit and its application in photovoltaic polymer. Chemical Communications, 2012, 48, 3318.	2.2	105
11	Highâ€Molecularâ€Weight Insulating Polymers Can Improve the Performance of Molecular Solar Cells. Advanced Materials, 2014, 26, 4168-4172.	11.1	101
12	Molecular energy level modulation by changing the position of electron-donating side groups. Journal of Materials Chemistry, 2012, 22, 5700.	6.7	63
13	Manipulating Backbone Structure to Enhance Low Band Gap Polymer Photovoltaic Performance. Advanced Energy Materials, 2013, 3, 930-937.	10.2	62
14	Temperature Induced Structure Evolution of Regioregular Poly(3-hexylthiophene) in Dilute Solution and its Influence on Thin Film Morphology. Macromolecules, 2010, 43, 10031-10037.	2.2	48
15	Unimerâ€“Aggregate Equilibrium to Large Scale Association of Regioregular Poly(3-hexylthiophene) in THF Solution. Macromolecules, 2011, 44, 5020-5026.	2.2	34
16	Understanding Charge Transport in Molecular Blend Films in Terms of Structural Order and Connectivity of Conductive Pathways. Advanced Energy Materials, 2016, 6, 1502285.	10.2	29
17	Structural Characterization of a Composition Tolerant Bulk Heterojunction Blend. Advanced Energy Materials, 2014, 4, 1301886.	10.2	16
18	Greenâ€Solventâ€Processed Molecular Solar Cells. Angewandte Chemie, 2014, 126, 14606-14609.	1.6	9

#	Article	IF	Citations
19	PHASE SEPARATION OF POLY(AMIC ACID-CO-IMIDE) SOLUTION. Chemical Engineering Communications, 2009, 197, 289-304.	1.5	6
20	Charge-Transfer Complexation Mechanism of Poly(4-vinylpyridine)/[6,6]-Phenyl-C₆₁-butyric Acid Methyl Ester in DMF Solution. Macromolecules, 2013, 46, 1212-1220.	2.2	5
21	Subnanosecond charge photogeneration and recombination in polyfluorene copolymer-fullerene solar cell: Effects of electric field. Optics Express, 2013, 21, A241.	1.7	2
22	Innentitelbild: Green-Solvent-Processed Molecular Solar Cells (Angew. Chem. 52/2014). Angewandte Chemie, 2014, 126, 14502-14502.	1.6	0