Guofang Yang

List of Publications by Year in Descending Order

10 papers	4,082 citations	8 h-index	10 g-index
10 ext. papers	4,392 ext. citations	26.7 avg, IF	5.23 L-index

#	Paper	IF	Citations
10	Understanding the influence of carboxylate substitution on the property of high-performance donor polymers in non-fullerene organic solar cells. *Materials Chemistry Frontiers*, **2018**, 2, 1360-1365	7.8	5
9	Design of Donor Polymers with Strong Temperature-Dependent Aggregation Property for Efficient Organic Photovoltaics. *Accounts of Chemical Research*, **2017**, 50, 2519-2528	24.3	176
8	Fast charge separation in a non-fullerene organic solar cell with a small driving force. *Nature Energy*, **2016**, 1,	62.3	967
7	Donor polymer design enables efficient non-fullerene organic solar cells. *Nature Communications*, **2016**, 7, 13094	17.4	298
6	Efficient organic solar cells processed from hydrocarbon solvents. *Nature Energy*, **2016**, 1,	62.3	1876
5	Influence of fluorination on the properties and performance of isoindigo–quaterthiophene-based polymers. *Journal of Materials Chemistry A*, **2016**, 4, 5039-5043	13	31
4	Terthiophene-based D-A polymer with an asymmetric arrangement of alkyl chains that enables efficient polymer solar cells. *Journal of the American Chemical Society*, **2015**, 137, 14149-57	16.4	358
3	Organic Solar Cells: Influence of Processing Parameters and Molecular Weight on the Morphology and Properties of High-Performance PffBT4T-2OD:PC71BM Organic Solar Cells (Adv. Energy Mater. 23/2015). *Advanced Energy Materials*, **2015**, 5, n/a-n/a	21.8	3
2	Influence of Processing Parameters and Molecular Weight on the Morphology and Properties of High-Performance PffBT4T-2OD:PC71BM Organic Solar Cells. *Advanced Energy Materials*, **2015**, 5, 1501400	21.8	149
1	High-Performance Non-Fullerene Polymer Solar Cells Based on a Pair of Donor-Acceptor Materials with Complementary Absorption Properties. *Advanced Materials*, **2015**, 27, 7299-304	24	219