Yang Han

List of Publications by Year
in descending order

23 papers	1,928 citations	430874 18 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	3091 citing authors

#	Article	IF	Citations
1	Recent Progress in Highâ€Mobility Organic Transistors: A Reality Check. Advanced Materials, 2018, 30, e1801079.	21.0	498
2	An Alkylated Indacenodithieno[3,2â€b]thiopheneâ€Based Nonfullerene Acceptor with High Crystallinity Exhibiting Single Junction Solar Cell Efficiencies Greater than 13% with Low Voltage Losses. Advanced Materials, 2018, 30, 1705209.	21.0	474
3	A Novel Alkylated Indacenodithieno[3,2â€b]thiopheneâ€Based Polymer for Highâ€Performance Fieldâ€Effect Transistors. Advanced Materials, 2016, 28, 3922-3927.	21.0	117
4	Alkylated Selenophene-Based Ladder-Type Monomers via a Facile Route for High-Performance Thin-Film Transistor Applications. Journal of the American Chemical Society, 2017, 139, 8552-8561.	13.7	105
5	Influence of Side-Chain Regiochemistry on the Transistor Performance of High-Mobility, All-Donor Polymers. Journal of the American Chemical Society, 2014, 136, 15154-15157.	13.7	97
6	Cyano substituted benzothiadiazole: a novel acceptor inducing n-type behaviour in conjugated polymers. Journal of Materials Chemistry C, 2015, 3, 265-275.	5.5	89
7	Influence of the heteroatom on the optoelectronic properties and transistor performance of soluble thiophene-, selenophene- and telluropheneâ€“vinylene copolymers. Chemical Science, 2016, 7, 1093-1099.	7.4	84
8	Using Molecular Design to Increase Hole Transport: Backbone Fluorination in the Benchmark Material		

#	Article	IF	Citations
19	Alkylated indacenodithieno[3,2-b]thiophene-based all donor ladder-type conjugated polymers for organic thin film transistors. Journal of Materials Chemistry C, 2018, 6, 2004-2009.	5.5	18
20	The Influence of Backbone Fluorination on the Dielectric Constant of Conjugated Polythiophenes. Advanced Electronic Materials, 2018, 4, 1700375.	5.1	17
21	An Airâ€Stable Semiconducting Polymer Containing Dithieno[3,2â€b:2â€²,3â€²â€d]arsole. Angewandte Chemie, 2016, 128, 7264-7267.	2.0	15
22	Vinylene-Linked Oligothiopheneâ€“Difluorobenzothiadiazole Copolymer for Transistor Applications. ACS Applied Materials & Interfaces, 2016, 8, 31154-31165.	8.0	14
23	Novel soluble thieno[3,2-b]thiophene fused porphyrazine. RSC Advances, 2015, 5, 90645-90650.	3.6	3