

Haiyan Li

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,000
citations

331670

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642732

23
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docs citations

23
times ranked

2318
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonfullerene Polymer Solar Cells with 8.5% Efficiency Enabled by a New Highly Twisted Electron Acceptor Dimer. <i>Advanced Materials</i> , 2016, 28, 124-131.	21.0	250
2	Solar Cells: Fine-Tuning the 3D Structure of Nonfullerene Electron Acceptors Toward High-Performance Polymer Solar Cells (<i>Adv. Mater.</i> 21/2015). <i>Advanced Materials</i> , 2015, 27, 3340-3340.	21.0	2
3	Bis(Naphthalene Imide)diphenylanthrazolines: A New Class of Electron Acceptors for Efficient Nonfullerene Organic Solar Cells and Applicable to Multiple Donor Polymers. <i>Advanced Energy Materials</i> , 2015, 5, 1402041.	19.5	48
4	Polymer/Polymer Blend Solar Cells Using Tetraazabenzodifluoranthene Diimide Conjugated Polymers as Electron Acceptors. <i>Macromolecules</i> , 2015, 48, 1759-1766.	4.8	39
5	Fine-Tuning the 3D Structure of Nonfullerene Electron Acceptors Toward High-Performance Polymer Solar Cells. <i>Advanced Materials</i> , 2015, 27, 3266-3272.	21.0	158
6	Beyond Fullerenes: Design of Nonfullerene Acceptors for Efficient Organic Photovoltaics. <i>Journal of the American Chemical Society</i> , 2014, 136, 14589-14597.	13.7	213
7	High-Mobility n-Type Conjugated Polymers Based on Electron-Deficient Tetraazabenzodifluoranthene Diimide for Organic Electronics. <i>Journal of the American Chemical Society</i> , 2013, 135, 14920-14923.	13.7	140
8	Tetraazabenzodifluoranthene Diimides: Building Blocks for Solution-Processable n-Type Organic Semiconductors. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5513-5517.	13.8	154
9	High Mobility Thiazole-Diketopyrrolopyrrole Copolymer Semiconductors for High Performance Field-Effect Transistors and Photovoltaic Devices. <i>Macromolecules</i> , 2012, 45, 9029-9037.	4.8	70
10	Synthesis and Electronic Structure of Ferrocenylborane-Modified Quaterthiophenes and Polythiophenes. <i>Macromolecules</i> , 2011, 44, 95-103.	4.8	37
11	Conjugated alternating copolymers with 4,4'-dimesitylboryl-2,2'-bithiophene as a building block. <i>Polymer Chemistry</i> , 2011, 2, 897-905.	3.9	30
12	Turn-on fluorescence response upon anion binding to dimesitylboryl-functionalized quaterthiophene. <i>Chemical Communications</i> , 2011, 47, 9378.	4.1	67
13	Donor-Acceptor Polymer with Alternating Triarylborane and Triphenylamine Moieties. <i>Macromolecular Rapid Communications</i> , 2010, 31, 915-920.	3.9	67
14	Universal Scaffold for Fluorescent Conjugated Organoborane Polymers. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2313-2316.	13.8	106
15	9,10-Dihydro-9,10-diboraanthracene: Supramolecular Structure and Use as a Building Block for Luminescent Conjugated Polymers. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4584-4588.	13.8	193
16	Facile Route to Organoboron Quinolate Polymers through Boron-Induced Ether Cleavage. <i>Macromolecules</i> , 2009, 42, 3448-3453.	4.8	44
17	Ferrocenylhydridoborates: Synthesis, Structural Characterization, and Application to the Preparation of Ferrocenylborane Polymers. <i>Journal of the American Chemical Society</i> , 2009, 131, 16319-16329.	13.7	80
18	Organoborane Acceptor-Substituted Polythiophene via Side-Group Borylation. <i>Journal of the American Chemical Society</i> , 2007, 129, 5792-5793.	13.7	135

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19	A Donor-Acceptor Dyad with a Highly Lewis Acidic Boryl Group. <i>Organometallics</i> , 2007, 26, 6126-6131.	2.3	28
20	An easy synthesis of robust polymer-supported chiral 1,1'-bi-(2-naphthol)s (BINOLs): application to the catalysis of the oxidation of prochiral thioethers to chiral sulfoxides. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 2401-2407.	1.8	13