Xiaojing Long

List of Publications by Year
in descending order

26 papers	1,380 citations	394421 19 h-index	610901 24 g-index
26 all docs	26 docs citations	26 times ranked	1234 citing authors

#	Article	IF	Citations
1	Polymer Acceptor Based on Double Bâ†N Bridged Bipyridine (BNBP) Unit for Highâ€Efficiency Allâ€Polymer Solar Cells. Advanced Materials, 2016, 28, 6504-6508.	21.0	298
2	An Electronâ€Deficient Building Block Based on the Bâ†N Unit: An Electron Acceptor for Allâ€Polymer Solar Cells. Angewandte Chemie - International Edition, 2016, 55, 1436-1440.	13.8	235
3	A polymer acceptor with an optimal LUMO energy level for all-polymer solar cells. Chemical Science, 2016, 7, 6197-6202.	7.4	98
4	Efficient and thermally stable organic solar cells based on small molecule donor and polymer acceptor. Nature Communications, 2019, 10, 3271.	12.8	94
5	Heterocyclization Strategy for Construction of Linear Conjugated Polymers: Efficient Metalâ€Free Electrocatalysts for Oxygen Reduction. Angewandte Chemie - International Edition, 2019, 58, 11369-11373.	13.8	67
6	Controlled Asymmetric Charge Distribution of Active Centers in Conjugated Polymers for Oxygen Reduction. Angewandte Chemie - International Edition, 2021, 60, 26483-26488.	13.8	59
7	An Electronâ€Deficient Building Block Based on the Bâ†N Unit: An Electron Acceptor for Allâ€Polymer Solar Cells. Angewandte Chemie, 2016, 128, 1458-1462.	2.0	54
8	Polymer solar cells with open-circuit voltage of 1.3 V using polymer electron acceptor with high LUMO level. Nano Energy, 2017, 32, 216-224.	16.0	50
9	Improving Active Layer Morphology of All-Polymer Solar Cells by Dissolving the Two Polymers Individually. Macromolecules, 2019, 52, 2402-2410.	4.8	49
10	Low-bandgap polymer electron acceptors based on double B â†•N bridged bipyridine (BNBP) and diketopyrrolopyrrole (DPP) units for all-polymer solar cells. Journal of Materials Chemistry C, 2016, 4, 9961-9967.	5.5	46
11	Fine-Tuning LUMO Energy Levels of Conjugated Polymers Containing a Bâ†N Unit. Macromolecules, 2017, 50, 8521-8528.	4.8	46
12	Electron-transporting polymers based on a double Bâ†N bridged bipyridine (BNBP) unit. Chemical Communications, 2017, 53, 1649-1652.	4.1	45
13	Double Bâ†N bridged bipyridine-containing polymer acceptors with enhanced electron mobility for all-polymer solar cells. Materials Chemistry Frontiers, 2019, 3, 70-77.	5.9	31
14	A double Bâ†N bridged bipyridine (BNBP)-based polymer electron acceptor: all-polymer solar cells with a high donorâ€‰:â€‰acceptor blend ratio. Materials Chemistry Frontiers, 2017, 1, 852-858.	5.9	27
15	A homopolymer based on double B âŸµ N bridged bipyridine as electron acceptor for all-polymer solar cells. Chinese Chemical Letters, 2018, 29, 1343-1346.	9.0	27
16	Tuning oxygen-containing groups of pyrene for high hydrogen peroxide production selectivity. Applied Catalysis B: Environmental, 2022, 304, 120908.	20.2	27
17	Hierarchically Porous and Defective Carbon Fiber Cathode for Efficient Zn-Air Batteries and Microbial Fuel Cells. Advanced Fiber Materials, 2022, 4, 795-806.	16.1	26
18	Manipulating active layer morphology of molecular donor/polymer acceptor based organic solar cells through ternary blends. Science China Chemistry, 2018, 61, 1025-1033.	8.2	25

#	Article	IF	Citations
19	Organic solar cells based on a polymer acceptor and a small molecule donor with a high open-circuit voltage. Journal of Materials Chemistry C, 2017, 5, 6812-6819.	5.5	24
20	Heterocyclization Strategy for Construction of Linear Conjugated Polymers: Efficient Metalâ€Free Electrocatalysts for Oxygen Reduction. Angewandte Chemie, 2019, 131, 11491-11495.	2.0	14
21	Cation vacancy driven efficient CoFe-LDH-based electrocatalysts for water splitting and Znâ€“air batteries. Materials Advances, 2021, 2, 7932-7938.	5.4	13
22	Oxygen Reduction Activity of Bâ†Nâ€Containing Organic Molecule Affected by Asymmetric Regulation. Small, 2022, 18, e2105524.	10.0	8
23	Controlled Asymmetric Charge Distribution of Active Centers in Conjugated Polymers for Oxygen Reduction. Angewandte Chemie, 0, , .	2.0	7
24	Optimizing the oxygen reduction catalytic activity of a bipyridine-based polymer through tuning the molecular weight. Journal of Materials Chemistry A, 2021, 9, 3322-3327.	10.3	6
25	Luminescent inorganicâ€“organic hybrid with tunable red light emissions by neutral molecule modification. Inorganic Chemistry Communication, 2020, 116, 107909.	3.9	4
26	Antidegradation Property of Alginate Materials by Riveting Functionalized Carbon Nanotubes on the Sugar Chain. ACS Omega, 2021, 6, 12813-12819.	3.5	0