

# Cheng

## List of Publications by Year in descending order

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10  
papers

342  
citations

1307594

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1474206

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docs citations

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times ranked

315  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient, Thermally Stable, and Mechanically Robust All-Polymer Solar Cells Consisting of the Same Benzodithiophene Unit-Based Polymer Acceptor and Donor with High Molecular Compatibility. <i>Advanced Energy Materials</i> , 2021, 11, 2003367.	19.5	122
2	Synergistic Engineering of Side Chains and Backbone Regioregularity of Polymer Acceptors for High-Performance All-Polymer Solar Cells with 15.1% Efficiency. <i>Advanced Energy Materials</i> , 2022, 12, 2103239.	19.5	46
3	Importance of High-Electron Mobility in Polymer Acceptors for Efficient All-Polymer Solar Cells: Combined Engineering of Backbone Building Unit and Regioregularity. <i>Advanced Functional Materials</i> , 2022, 32, 2108508.	14.9	41
4	Donor-Acceptor Alternating Copolymer Compatibilizers for Thermally Stable, Mechanically Robust, and High-Performance Organic Solar Cells. <i>ACS Nano</i> , 2021, 15, 19970-19980.	14.6	38
5	Importance of Terminal Group Pairing of Polymer Donor and Small-Molecule Acceptor in Optimizing Blend Morphology and Voltage Loss of High-Performance Solar Cells. <i>Advanced Functional Materials</i> , 2021, 31, 2100870.	14.9	34
6	Effect of the Selective Halogenation of Small Molecule Acceptors on the Blend Morphology and Voltage Loss of High-Performance Solar Cells. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	27
7	Synthesis of Cyclopentadithiophene-Diketopyrrolopyrrole Donor-Acceptor Copolymers for High-Performance Nonvolatile Floating-Gate Memory Transistors with Long Retention Time. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 2743-2752.	8.0	22
8	Enhancing Doping Efficiency of Diketopyrrolopyrrole-Copolymers by Introducing Sparse Intramolecular Alkyl Chain Spacing. <i>Macromolecules</i> , 2021, 54, 7870-7879.	4.8	7
9	Extended Thiazole-Containing Polymer Semiconductor for Balanced Charge-Carrier Mobilities. <i>Macromolecular Rapid Communications</i> , 2021, 42, 2000741.	3.9	5
10	A New Dithienopyridine-Based Polymer for an Organic Electronics. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 5792-5795.	0.9	0