

Kun Wang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Optimizing the Alkyl Side-Chain Design of a Wide Band-Gap Polymer Donor for Attaining Nonfullerene Organic Solar Cells with High Efficiency Using a Nonhalogenated Solvent. <i>Chemistry of Materials</i> , 2021, 33, 5981-5990.	3.2	15
2	Enhanced short circuit current density and efficiency of ternary organic solar cells by addition of a simple copolymer third component. <i>Chemical Engineering Journal</i> , 2021, 425, 130575.	6.6	17
3	A small molecule acceptor with a heptacyclic benzodi(thienocyclopentafuran) central unit achieving 13.4% efficiency in polymer solar cells with low energy loss. <i>Journal of Materials Chemistry C</i> , 2021, 9, 2744-2751.	2.7	10
4	Challenges to the Stability of Active Layer Materials in Organic Solar Cells. <i>Macromolecular Rapid Communications</i> , 2020, 41, e1900437.	2.0	55
5	Influence of Alkyl Substitution Position on Wide-Bandgap Polymers in High-Efficiency Nonfullerene Polymer Solar Cells. <i>Macromolecular Rapid Communications</i> , 2020, 41, e2000170.	2.0	5
6	A New Small-Molecule Donor Containing Non-Fused Ring π - π Bridge Enables Efficient Organic Solar Cells with High Open Circuit Voltage and Low Acceptor Content. <i>ChemPhysChem</i> , 2019, 20, 2674-2682.	1.0	5
7	Synthesis of organic molecule donor for efficient organic solar cells with low acceptor content. <i>Organic Electronics</i> , 2019, 64, 54-61.	1.4	8
8	Broad Bandgap D-A Copolymer Based on Bithiazole Acceptor Unit for Application in High-Performance Polymer Solar Cells with Lower Fullerene Content. <i>Macromolecular Rapid Communications</i> , 2016, 37, 1066-1073.	2.0	10
9	Ultra-narrow bandgap D-A copolymer based on thienoisindigo acceptor unit for application in polymer solar cells with energy losses below 0.6 eV. <i>Synthetic Metals</i> , 2016, 220, 134-140.	2.1	8
10	Synthesis and photovoltaic properties of a 2D-conjugated copolymer based on benzodithiophene with alkythio-selenophene side chain. <i>RSC Advances</i> , 2016, 6, 14229-14235.	1.7	6
11	Solution-Processable Organic Molecule for High-Performance Organic Solar Cells with Low Acceptor Content. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 24686-24693.	4.0	26