

Xikang Zhao

List of Publications by Year in descending order

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881
citing authors

#	ARTICLE	IF	CITATIONS
1	Conjugation-Break Spacers in Semiconducting Polymers: Impact on Polymer Processability and Charge Transport Properties. <i>Macromolecules</i> , 2015, 48, 2048-2053.	4.8	106
2	Effect of Broken Conjugation on the Stretchability of Semiconducting Polymers. <i>Macromolecular Rapid Communications</i> , 2016, 37, 1623-1628.	3.9	87
3	Melt Processing of Complementary Semiconducting Polymer Blends for High Performance Organic Transistors. <i>Advanced Materials</i> , 2017, 29, 1605056.	21.0	82
4	Dynamic-template-directed multiscale assembly for large-area coating of highly-aligned conjugated polymer thin films. <i>Nature Communications</i> , 2017, 8, 16070.	12.8	78
5	Complementary Semiconducting Polymer Blends: The Influence of Conjugation-Break Spacer Length in Matrix Polymers. <i>Macromolecules</i> , 2016, 49, 2601-2608.	4.8	61
6	Symmetry Breaking in Side Chains Leading to Mixed Orientations and Improved Charge Transport in Isoindigo- <i>alt</i>-Bithiophene Based Polymer Thin Films. <i>ACS Applied Materials & Interfaces</i>, 2017, 9, 25426-25433.</i>	8.0	58
7	Complementary Semiconducting Polymer Blends for Efficient Charge Transport. <i>Chemistry of Materials</i> , 2015, 27, 7164-7170.	6.7	57
8	Understanding Interfacial Alignment in Solution Coated Conjugated Polymer Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 27863-27874.	8.0	42
9	Complementary Semiconducting Polymer Blends: Influence of Side Chains of Matrix Polymers. <i>Macromolecules</i> , 2017, 50, 6202-6209.	4.8	23
10	Attaining Melt Processing of Complementary Semiconducting Polymer Blends at 130 °C via Side-Chain Engineering. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4904-4909.	8.0	22
11	Direct arylation polymerization of asymmetric push-pull aryl halides. <i>Polymer Chemistry</i> , 2017, 8, 2438-2441.	3.9	14
12	Design of an n-type low glass transition temperature radical polymer. <i>Polymer Chemistry</i> , 2021, 12, 1448-1457.	3.9	13
13	Tuning a Lanthanide Complex To Be Responsive to the Environment in Solution. <i>Journal of Physical Chemistry A</i> , 2015, 119, 11650-11658.	2.5	10
14	Zone-Annealing-Assisted Solvent-Free Processing of Complementary Semiconducting Polymer Blends for Organic Field-Effect Transistors. <i>Advanced Electronic Materials</i> , 2018, 4, 1700414.	5.1	9
15	Manipulating polymer composition to create low-cost, high-fidelity sensors for indoor CO ₂ monitoring. <i>Scientific Reports</i> , 2021, 11, 13237.	3.3	9
16	A Carbon Nanotube-Functional Polymer Composite Film for Low-Power Indoor CO ₂ Monitoring. <i>IEEE Sensors Journal</i> , 2022, 22, 11233-11240.	4.7	3