

Xikang Zhao

List of Publications by Year in descending order

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881
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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | A Carbon Nanotube-Functional Polymer Composite Film for Low-Power Indoor CO ₂ Monitoring. IEEE Sensors Journal, 2022, 22, 11233-11240. | 4.7 | 3 |
| 2 | Design of an n-type low glass transition temperature radical polymer. Polymer Chemistry, 2021, 12, 1448-1457. | 3.9 | 13 |
| 3 | Manipulating polymer composition to create low-cost, high-fidelity sensors for indoor CO ₂ monitoring. Scientific Reports, 2021, 11, 13237. | 3.3 | 9 |
| 4 | Attaining Melt Processing of Complementary Semiconducting Polymer Blends at 130 °C via Side-Chain Engineering. ACS Applied Materials & Interfaces, 2018, 10, 4904-4909. | 8.0 | 22 |
| 5 | Zone-Annealing-Assisted Solvent-Free Processing of Complementary Semiconducting Polymer Blends for Organic Field-Effect Transistors. Advanced Electronic Materials, 2018, 4, 1700414. | 5.1 | 9 |
| 6 | Melt-Processing of Complementary Semiconducting Polymer Blends for High Performance Organic Transistors. Advanced Materials, 2017, 29, 1605056. | 21.0 | 82 |
| 7 | Direct arylation polymerization of asymmetric push-pull aryl halides. Polymer Chemistry, 2017, 8, 2438-2441. | 3.9 | 14 |
| 8 | Symmetry Breaking in Side Chains Leading to Mixed Orientations and Improved Charge Transport in Isoindigo-Bithiophene Based Polymer Thin Films. ACS Applied Materials & Interfaces, 2017, 9, 25426-25433. | 8.0 | 58 |
| 9 | Understanding Interfacial Alignment in Solution Coated Conjugated Polymer Thin Films. ACS Applied Materials & Interfaces, 2017, 9, 27863-27874. | 8.0 | 42 |
| 10 | Complementary Semiconducting Polymer Blends: Influence of Side Chains of Matrix Polymers. Macromolecules, 2017, 50, 6202-6209. | 4.8 | 23 |
| 11 | Dynamic-template-directed multiscale assembly for large-area coating of highly-aligned conjugated polymer thin films. Nature Communications, 2017, 8, 16070. | 12.8 | 78 |
| 12 | Effect of Broken Conjugation on the Stretchability of Semiconducting Polymers. Macromolecular Rapid Communications, 2016, 37, 1623-1628. | 3.9 | 87 |
| 13 | Complementary Semiconducting Polymer Blends: The Influence of Conjugation-Break Spacer Length in Matrix Polymers. Macromolecules, 2016, 49, 2601-2608. | 4.8 | 61 |
| 14 | Tuning a Lanthanide Complex To Be Responsive to the Environment in Solution. Journal of Physical Chemistry A, 2015, 119, 11650-11658. | 2.5 | 10 |
| 15 | Conjugation-Break Spacers in Semiconducting Polymers: Impact on Polymer Processability and Charge Transport Properties. Macromolecules, 2015, 48, 2048-2053. | 4.8 | 106 |
| 16 | Complementary Semiconducting Polymer Blends for Efficient Charge Transport. Chemistry of Materials, 2015, 27, 7164-7170. | 6.7 | 57 |