

Yuanhui Zheng

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Tunable charge-transport polarity in thienothiophene- <i>bis</i> oxindolinylidene-benzodifurandione copolymers for high-performance field-effect transistors. <i>Journal of Materials Chemistry C</i> , 2022, 10, 2671-2680.	2.7	5
2	Incorporation of Cyano-Substituted Aromatic Blocks into Naphthalene Diimide-Based Copolymers: Toward Unipolar n-Channel Field-Effect Transistors. <i>Small Science</i> , 2021, 1, 2100016.	5.8	4
3	2D Organic Radical Conjugated Skeletons with Paramagnetic Behaviors. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100943.	1.9	3
4	Negative Magnetoresistance Behavior in Polymer Spin Valves Based on Donor-Acceptor Conjugated Molecules. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000868.	1.9	7
5	Room-temperature stable organic spin valves using solution-processed ambipolar naphthalenediimide-based conjugated polymers. <i>Organic Electronics</i> , 2020, 81, 105684.	1.4	10
6	Magnetoresistance and Spin Interface of Organic Spin Valves Based on Diketopyrrolopyrrole Polymers. <i>Advanced Electronic Materials</i> , 2019, 5, 1900318.	2.6	12
7	Tuning Charge Carrier and Spin Transport Properties via Structural Modification of Polymer Semiconductors. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 30089-30097.	4.0	22
8	Band Engineering via Sn-Doping of Zinc Oxide Electron Transport Materials for Perovskite Solar Cells. <i>ChemistrySelect</i> , 2018, 3, 363-367.	0.7	9
9	Sensitivity enhancement of graphene Hall sensors modified by single-molecule magnets at room temperature. <i>RSC Advances</i> , 2017, 7, 1776-1781.	1.7	10
10	Metastable $\text{I}^3\text{-MnS}$ Hierarchical Architectures: Synthesis, Characterization, and Growth Mechanism. <i>Journal of Physical Chemistry B</i> , 2006, 110, 8284-8288.	1.2	130
11	Quasicubic $\text{I}^{\pm}\text{-Fe}_2\text{O}_3$ Nanoparticles with Excellent Catalytic Performance. <i>Journal of Physical Chemistry B</i> , 2006, 110, 3093-3097.	1.2	332
12	Molecular and Interfacial Adjustment of Magnetoresistance in Organic Spin Valves Using Isoindigo-Based Polymers. , 0, , 1065-1073.		4
13	Spin valve effect based on out-of-plane magnetization electrodes of Pt/Co/Ru with WSe_2 and InSe barriers. <i>Physica Status Solidi - Rapid Research Letters</i> , 0, , .	1.2	0