

Fapei Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/231352/publications.pdf>

Version: 2024-02-01

10
papers

115
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

213
citing authors

#	ARTICLE	IF	CITATIONS
1	Effective Controlling of Film Texture and Carrier Transport of a High-Performance Polymeric Semiconductor by Magnetic Alignment. <i>Advanced Functional Materials</i> , 2015, 25, 5126-5133.	14.9	37
2	Highly Hydrophilic Carbon Dots' Decoration on NiCo ₂ O ₄ Nanowires for Greatly Increased Electric Conductivity, Supercapacitance, and Energy Density. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900049.	3.7	14
3	Magnetic-field guided solvent vapor annealing for enhanced molecular alignment and carrier mobility of a semiconducting diketopyrrolopyrrole-based polymer. <i>Journal of Materials Chemistry C</i> , 2020, 8, 4477-4485.	5.5	13
4	Quantitative study of spin relaxation in rubrene thin films by inverse spin Hall effect. <i>Applied Physics Letters</i> , 2019, 115, 053301.	3.3	10
5	Enhanced Spin Transport of Conjugated Polymer in the Semiconductor/Insulating Polymer Blend. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 2708-2716.	8.0	10
6	Out-of-Plane Alignment of Conjugated Semiconducting Polymers by Horizontal Rotation in a High Magnetic Field. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 3476-3484.	4.6	10
7	Band Engineering via Sn-doping of Zinc Oxide Electron Transport Materials for Perovskite Solar Cells. <i>ChemistrySelect</i> , 2018, 3, 363-367.	1.5	9
8	Trade-off of mechanical and electrical properties in stretchable P3HT/PDMS blending films driven by interpenetrating double networks formation. <i>AIP Advances</i> , 2020, 10, .	1.3	6
9	Solvent Vapor-Assisted Magnetic Manipulation of Molecular Orientation and Carrier Transport of Semiconducting Polymers. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 29487-29496.	8.0	5
10	Graphene assisting magnetic alignment of a high-performance semiconducting polymer for improved carrier transport. <i>Applied Physics Letters</i> , 2020, 117, 063301.	3.3	1