Fapei Zhang

List of Publications by Year
in descending order

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	Out-of-Plane Alignment of Conjugated Semiconducting Polymers by Horizontal Rotation in a High Magnetic Field. Journal of Physical Chemistry Letters, 2021, 12, 3476-3484.	4.6	10
2	Enhanced Spin Transport of Conjugated Polymer in the Semiconductor/Insulating Polymer Blend. ACS Applied Materials & Interfaces, 2020, 12, 2708-2716.	8.0	10
3	Graphene assisting magnetic alignment of a high-performance semiconducting polymer for improved carrier transport. Applied Physics Letters, 2020, 117, 063301.	3.3	1
4	Solvent Vapor-Assisted Magnetic Manipulation of Molecular Orientation and Carrier Transport of Semiconducting Polymers. ACS Applied Materials & Interfaces, 2020, 12, 29487-29496.	8.0	5
5	Magnetic-field guided solvent vapor annealing for enhanced molecular alignment and carrier mobility of a semiconducting diketopyrrolopyrrole-based polymer. Journal of Materials Chemistry C, 2020, 8, 4477-4485.	5.5	13
6	Trade-off of mechanical and electrical properties in stretchable P3HT/PDMS blending films driven by interpenetrating double networks formation. AIP Advances, 2020, 10, .	1.3	6
7	Quantitative study of spin relaxation in rubrene thin films by inverse spin Hall effect. Applied Physics Letters, 2019, 115, 053301.	3.3	10
8	Highly Hydrophilic Carbon Dots' Decoration on NiCo₂O₄ Nanowires for Greatly Increased Electric Conductivity, Supercapacitance, and Energy Density. Advanced Materials Interfaces, 2019, 6, 1900049.	3.7	14
9	Band Engineering via Snâ€doping of Zinc Oxide Electron Transport Materials for Perovskite Solar Cells. ChemistrySelect, 2018, 3, 363-367.	1.5	9
10	Effective Controlling of Film Texture and Carrier Transport of a Highâ€Performance Polymeric Semiconductor by Magnetic Alignment. Advanced Functional Materials, 2015, 25, 5126-5133.	14.9	37