

Thomas F Harrelson

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

615
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

939
citing authors

#	ARTICLE	IF	CITATIONS
1	Double doping of conjugated polymers with monomer molecular dopants. <i>Nature Materials</i> , 2019, 18, 149-155.	27.5	225
2	Polymorphism controls the degree of charge transfer in a molecularly doped semiconducting polymer. <i>Materials Horizons</i> , 2018, 5, 655-660.	12.2	92
3	Direct probe of the nuclear modes limiting charge mobility in molecular semiconductors. <i>Materials Horizons</i> , 2019, 6, 182-191.	12.2	53
4	Identifying Atomic Scale Structure in Undoped/Doped Semicrystalline P3HT Using Inelastic Neutron Scattering. <i>Macromolecules</i> , 2017, 50, 2424-2435.	4.8	52
5	Structural and Dynamic Disorder, Not Ionic Trapping, Controls Charge Transport in Highly Doped Conducting Polymers. <i>Journal of the American Chemical Society</i> , 2022, 144, 3005-3019.	13.7	45
6	Quantitative Measurements of the Temperature-Dependent Microscopic and Macroscopic Dynamics of a Molecular Dopant in a Conjugated Polymer. <i>Macromolecules</i> , 2017, 50, 5476-5489.	4.8	44
7	Optical Dedoping Mechanism for P3HT:F4TCNQ Mixtures. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 4297-4303.	4.6	37
8	Quantitative Dedoping of Conductive Polymers. <i>Chemistry of Materials</i> , 2017, 29, 832-841.	6.7	35
9	Multi-Tissue Computational Modeling Analyzes Pathophysiology of Type 2 Diabetes in MKR Mice. <i>PLoS ONE</i> , 2014, 9, e102319.	2.5	15
10	Elucidating the local atomic and electronic structure of amorphous oxidized superconducting niobium films. <i>Applied Physics Letters</i> , 2021, 119, .	3.3	10
11	Computing inelastic neutron scattering spectra from molecular dynamics trajectories. <i>Scientific Reports</i> , 2021, 11, 7938.	3.3	7