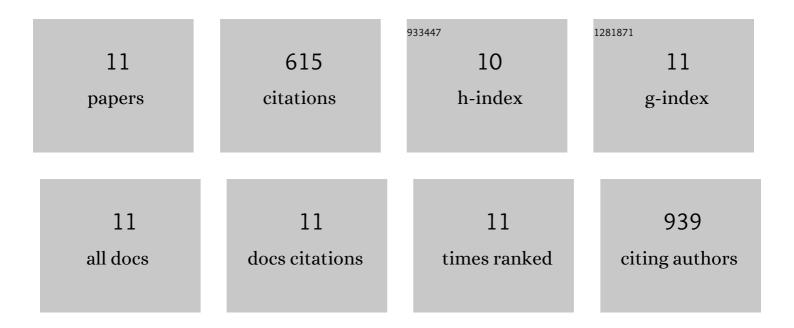
Thomas F Harrelson

List of Publications by Year in descending order

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