

# D Tyler Scholes

## List of Publications by Year in descending order

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9  
papers

629  
citations

1163117  
8  
h-index

1474206  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

966  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effects of Crystallinity on Charge Transport and the Structure of Sequentially Processed F <sub>4</sub> TCNQ-Doped Conjugated Polymer Films. <i>Advanced Functional Materials</i> , 2017, 27, 1702654.	14.9	190
2	Overcoming Film Quality Issues for Conjugated Polymers Doped with F <sub>4</sub> TCNQ by Solution Sequential Processing: Hall Effect, Structural, and Optical Measurements. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 4786-4793.	4.6	175
3	Dopant-Induced Ordering of Amorphous Regions in Regiorandom P3HT. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4929-4934.	4.6	63
4	Designing Conjugated Polymers for Molecular Doping: The Roles of Crystallinity, Swelling, and Conductivity in Sequentially-Doped Selenophene-Based Copolymers. <i>Chemistry of Materials</i> , 2019, 31, 73-82.	6.7	56
5	Evaporation vs Solution Sequential Doping of Conjugated Polymers: F <sub>4</sub> TCNQ Doping of Micrometer-Thick P3HT Films for Thermoelectrics. <i>Journal of Physical Chemistry C</i> , 2019, 123, 22711-22724.	3.1	55
6	Extensive Penetration of Evaporated Electrode Metals into Fullerene Films: Intercalated Metal Nanostructures and Influence on Device Architecture. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 25247-25258.	8.0	40
7	Ultrafast transient absorption spectroscopy of doped P3HT films: distinguishing free and trapped polarons. <i>Faraday Discussions</i> , 2019, 216, 339-362.	3.2	28
8	Driving Force and Optical Signatures of Bipolaron Formation in Chemically Doped Conjugated Polymers. <i>Advanced Materials</i> , 2021, 33, e2000228.	21.0	21
9	Sequential Processing: A Rational Route for Bulk Heterojunction Formation via Polymer Swelling. <i>Materials and Energy</i> , 2018, , 309-348.	0.1	1