Tyler B Schon

List of Publications by Year
in descending order

18 papers	1,650 citations	567281 15 h-index	713466 21 g-index
21 all docs	21 docs citations	21 times ranked	2770 citing authors

#	Article	IF	Citations
1	The rise of organic electrode materials for energy storage. Chemical Society Reviews, 2016, 45, 6345-6404.	38.1	840
2	Chemically Addressable Perovskite Nanocrystals for Lightâ€Emitting Applications. Advanced Materials, 2017, 29, 1701153.	21.0	139
3	Three-Dimensional Arylene Diimide Frameworks for Highly Stable Lithium Ion Batteries. ACS Applied Materials & Interfaces, 2017, 9, 15631-15637.	8.0	86
4	Thionation Enhances the Electron Mobility of Perylene Diimide for High Performance nâ€Channel Organic Field Effect Transistors. Advanced Functional Materials, 2015, 25, 3321-3329.	14.9	76
5	Bioâ€Derived Polymers for Sustainable Lithiumâ€Ion Batteries. Advanced Functional Materials, 2016, 26, 6896-6903.	14.9	73
6	Donorâ€“Acceptor Polymers for Electrochemical Supercapacitors: Synthesis, Testing, and Theory. Journal of Physical Chemistry C, 2014, 118, 8295-8307.	3.1	65
7	Potential for Disruption with Organic Magnesium-Ion Batteries. Joule, 2019, 3, 620-624.	24.0	51
8	Thiophene, Selenophene, and Telluropheneâ€based Threeâ€Dimensional Organic Frameworks. Angewandte Chemie - International Edition, 2015, 54, 9361-9366.	13.8	47
9	Polyfullerene Electrodes for High Power Supercapacitors. Advanced Energy Materials, 2014, 4, 1301509.	19.5	44
10	Unusual Capacity Increases with Cycling for Ladder-Type Microporous Polymers. ACS Applied Materials & Interfaces, 2019, 11, 1739-1747.	8.0	43
11	Porous Carbon with Willow-Leaf-Shaped Pores for High-Performance Supercapacitors. ACS Applied Materials & Interfaces, 2017, 9, 42699-42707.	8.0	36
12	Electrochemical Polymerization of Functionalized Graphene Quantum Dots. Chemistry of Materials, 2017, 29, 6611-6615.	6.7	32
13	Design strategies for organic carbonyl materials for energy storage: Small molecules, oligomers, polymers and supramolecular structures. EcoMat, 2020, 2, e12055.	11.9	24
14	Aqueous zinc batteries: Design principles toward organic cathodes for grid applications. IScience, 2022, 25, 104204.	4.1	20
15	Stable, Dual Redox Unit Organic Electrodes. ACS Omega, 2020, 5, 1134-1141.	3.5	14
16	High-Rate Activation of Organic Superlithiation Anodes. ACS Applied Energy Materials, 2021, 4, 6659-6666.	5.1	13
17	A study of fused-ring thieno[3,4-e]pyrazine polymers as n-type materials for organic supercapacitors. Polymer Chemistry, 2017, 8, 5194-5202.	3.9	12
18	Thinâ€Film Transistors: Bioâ€Derived Polymers for Sustainable Lithiumâ€Ion Batteries (Adv. Funct. Mater.) Tj ETQq0 0 0 rgBT /Overlock 1	14.9	1