

Tyler B Schon

List of Publications by Year in descending order

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Version: 2024-02-01

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