

Sven Burke

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8676776/publications.pdf>

Version: 2024-02-01

10
papers

1,109
citations

1478505

6
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

2457
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemically induced delithiation and phase change of lithium rich nickel manganese oxides. <i>Electrochimica Acta</i> , 2022, 407, 139817.	5.2	5
2	Surface Effects of Quench Methodology on Lithium Rich Nickel Manganese Oxide Cathode Particles. <i>ECS Meeting Abstracts</i> , 2022, MA2022-01, 274-274.	0.0	0
3	Reducing Surface Recombination Velocity of Methylammonium-Free Mixed-Cation Mixed-Halide Perovskites via Surface Passivation. <i>Chemistry of Materials</i> , 2021, 33, 5035-5044.	6.7	33
4	Chemically Induced Delithiation and Phase Change of Layered Lithium Rich Nickel Manganese Oxides. <i>ECS Meeting Abstracts</i> , 2021, MA2021-02, 192-192.	0.0	0
5	Autonomous Discovery of Battery Electrolytes with Robotic Experimentation and Machine Learning. <i>Cell Reports Physical Science</i> , 2020, 1, 100264.	5.6	80
6	How Synthetic Quench Rate and Composition Affect the Performance of Lithium Nickel Manganese Oxide Cathode Materials. <i>Journal of the Electrochemical Society</i> , 2020, 167, 160518.	2.9	6
7	An Autonomous Electrochemical Test Stand for Machine Learning Informed Electrolyte Optimization. <i>Journal of the Electrochemical Society</i> , 2019, 166, A4181-A4187.	2.9	20
8	Hybrid perovskite films approaching the radiative limit with over 90% photoluminescence quantum efficiency. <i>Nature Photonics</i> , 2018, 12, 355-361.	31.4	408
9	Tracking Photoexcited Carriers in Hybrid Perovskite Semiconductors: Trap-Dominated Spatial Heterogeneity and Diffusion. <i>ACS Nano</i> , 2017, 11, 11488-11496.	14.6	105
10	Photoluminescence Lifetimes Exceeding 8 μ s and Quantum Yields Exceeding 30% in Hybrid Perovskite Thin Films by Ligand Passivation. <i>ACS Energy Letters</i> , 2016, 1, 438-444.	17.4	452