

Mark Copley

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,053
citations

840776

11
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

1558
citing authors

#	ARTICLE	IF	CITATIONS
1	Hard Carbon Particle Size and Mass Loading Influence on Sodium Ion Battery Rate Performance. ECS Meeting Abstracts, 2022, MA2022-01, 67-67.	0.0	1
2	Synergistic electrolyte additives for enhancing the performance of high-voltage lithium-ion cathodes in half-cells and full-cells. Journal of Power Sources, 2021, 482, 228975.	7.8	29
3	Lithium-ion batteries – Current state of the art and anticipated developments. Journal of Power Sources, 2020, 479, 228708.	7.8	401
4	Electronic and Geometric Structures of Rechargeable Lithium Manganese Sulfate $\text{Li}_2\text{Mn}(\text{SO}_4)_2$ Cathode. ACS Omega, 2019, 4, 11338-11345.	3.5	2
5	Manganese phosphate coated $\text{Li}[\text{Ni}_0.6\text{Co}_0.2\text{Mn}_0.2]\text{O}_2$ cathode material: Towards superior cycling stability at elevated temperature and high voltage. Journal of Power Sources, 2018, 402, 263-271.	7.8	99
6	MnPO_4 -Coated $\text{Li}(\text{Ni}_{0.4}\text{Co}_{0.2}\text{Mn}_{0.4})\text{O}_2$ for Lithium-ion Batteries with Outstanding Cycling Stability and Enhanced Lithiation Kinetics. Advanced Energy Materials, 2018, 8, 1801573.	19.5	87
7	Structural, Thermal, and Electrochemical Studies of Novel $\text{Li}_2\text{Co}_x\text{Mn}_{1-x}(\text{SO}_4)_2$ Bimetallic Sulfates. Journal of Physical Chemistry C, 2017, 121, 24971-24978.	3.1	3
8	Ex situ XAS investigation of effect of binders on electrochemical performance of $\text{Li}_2\text{Fe}(\text{SO}_4)_2$ cathode. Journal of Materials Chemistry A, 2017, 5, 19963-19971.	10.3	4
9	Toward greener lithium-ion batteries: Aqueous binder-based $\text{LiNi}_0.4\text{Co}_0.2\text{Mn}_0.4\text{O}_2$ cathode material with superior electrochemical performance. Journal of Power Sources, 2017, 372, 180-187.	7.8	54
10	1D nanobar-like $\text{LiNi}_{0.4}\text{Co}_{0.2}\text{Mn}_{0.4}\text{O}_2$ as a stable cathode material for lithium-ion batteries with superior long-term capacity retention and high rate capability. Journal of Materials Chemistry A, 2017, 5, 15669-15675.	10.3	51
11	Effect of coatings on the green electrode processing and cycling behaviour of LiCoPO_4 . Journal of Materials Chemistry A, 2016, 4, 17121-17128.	10.3	31
12	Secondary Lithium-Ion Battery Anodes: From First Commercial Batteries to Recent Research Activities. Johnson Matthey Technology Review, 2015, 59, 34-44.	1.0	67
13	Transforming anatase TiO_2 nanorods into ultrafine nanoparticles for advanced electrochemical performance. Journal of Power Sources, 2015, 294, 406-413.	7.8	11
14	Synthesis of multimodal porous ZnCo_2O_4 and its electrochemical properties as an anode material for lithium ion batteries. Journal of Power Sources, 2015, 294, 112-119.	7.8	99
15	Scaling up – Nano- $\text{Li}_4\text{Ti}_5\text{O}_{12}$ for High-Power Lithium-Ion Anodes Using Large Scale Flame Spray Pyrolysis. Journal of the Electrochemical Society, 2015, 162, A2331-A2338.	2.9	32
16	Flame spray pyrolysis generated transition metal oxide nanoparticles as catalysts for the growth of carbon nanotubes. RSC Advances, 2013, 3, 20040.	3.6	6
17	The importance of –going nano– for high power battery materials. Journal of Power Sources, 2012, 219, 217-222.	7.8	65
18	MnS doped mesoporous silica catalysts for the generation of novel carbon nanocages. Applied Catalysis A: General, 2008, 341, 8-11.	4.3	2

#	ARTICLE	IF	CITATIONS
19	Synthesis and characterization of nanoparticulate MnS within the pores of mesoporous silica. Journal of Solid State Chemistry, 2007, 180, 3443-3449.	2.9	9