

Yiqing Huang

List of Publications by Year in descending order

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11
papers

375
citations

1040056

9
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

799
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal Stability and Reactivity of Cathode Materials for Li-Ion Batteries. ACS Applied Materials & Interfaces, 2016, 8, 7013-7021.	8.0	93
2	Why Substitution Enhances the Reactivity of LiFePO_4 . Chemistry of Materials, 2013, 25, 85-89.	6.7	63
3	Tuning the Activity of Oxygen in $\text{LiNi}_{0.8}\text{Co}_{0.15}\text{Al}_{0.05}\text{O}_2$ Battery Electrodes. ACS Applied Materials & Interfaces, 2016, 8, 27762-27771.	8.0	58
4	Atomic Insight into the Layered/Spinel Phase Transformation in Charged $\text{LiNi}_{0.8}\text{Co}_{0.15}\text{Al}_{0.05}\text{O}_2$ Cathode Particles. Journal of Physical Chemistry C, 2017, 121, 1421-1430.	3.1	52
5	Electrochemical Performance of Nanosized Disordered LiVOPO_4 . ACS Omega, 2018, 3, 7310-7323.	3.5	29
6	Structure Evolution and Thermal Stability of High-Energy-Density Li-Ion Battery Cathode $\text{Li}_2\text{VO}_2\text{F}$. Journal of the Electrochemical Society, 2017, 164, A1552-A1558.	2.9	27
7	Understanding the stability of MnPO_4 . Journal of Materials Chemistry A, 2014, 2, 12827.	10.3	23
8	What Happens to LiMnPO_4 upon Chemical Delithiation?. Inorganic Chemistry, 2016, 55, 4335-4343.	4.0	17
9	Nonstoichiometry and Defects in Hydrothermally Synthesized $\mu\text{-LiVOPO}_4$. ACS Applied Energy Materials, 2019, 2, 4792-4800.	5.1	12
10	The Intermediate State of the Layered \rightarrow Spinel Phase Transformation in $\text{LiNi}_{0.8}\text{Co}_{0.15}\text{Al}_{0.05}\text{O}_2$ Cathode. Microscopy and Microanalysis, 2017, 23, 2014-2015.	0.4	1
11	In-Situ TEM Study of Phase Evolution in Individual Battery Materials. Microscopy and Microanalysis, 2017, 23, 2008-2009.	0.4	0