

Hongyi Li

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

300
citations

1684188

5
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

376
citing authors

#	ARTICLE	IF	CITATIONS
1	Circumventing huge volume strain in alloy anodes of lithium batteries. Nature Communications, 2020, 11, 1584.	12.8	130
2	Fast Diffusion of Multivalent Ions Facilitated by Concerted Interactions in Dual-Ion Battery Systems. Advanced Energy Materials, 2018, 8, 1801475.	19.5	59
3	Electrochemical phase transformation accompanied with Mg extraction and insertion in a spinel MgMn_2O_4 cathode material. Physical Chemistry Chemical Physics, 2019, 21, 23749-23757.	2.8	39
4	Accelerated Kinetics Revealing Metastable Pathways of Magnesium-Induced Transformations in MnO_2 Polymorphs. Chemistry of Materials, 2021, 33, 6983-6996.	6.7	32
5	Constructing metal-anode rechargeable batteries utilizing concomitant intercalation of Li^+ / Mg^{2+} dual cations into Mo_6S_8 . Journal of Materials Chemistry A, 2017, 5, 3534-3540.	10.3	30
6	Excellent balanced water-intercalation-type heat-storage oxide. Nature Communications, 2022, 13, 1452.	12.8	5
7	Dendrite-free alkali metal electrodeposition from contact-ion-pair state induced by mixing alkaline earth cation. Cell Reports Physical Science, 2022, 3, 100907.	5.6	4
8	CHAPTER 11. Mg^2+ / Li^+ Dual-cation Batteries. RSC Energy and Environment Series, 2019, , 241-274.	0.5	1
9	Fundamental Study towards Development of Energy Storage Devices Utilizing Multivalent Cations. Materia Japan, 2020, 59, 413-421.	0.1	0