

Lina Gao

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,146
citations

840776

11
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

1815
citing authors

#	ARTICLE	IF	CITATIONS
1	The chemical evolution of solid electrolyte interface in sodium metal batteries. <i>Science Advances</i> , 2022, 8, eabm4606.	10.3	48
2	Porous Composite Gel Polymer Electrolyte with Interfacial Transport Pathways for Flexible Quasi Solid Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 23743-23750.	8.0	18
3	Chemical Modulation of Local Transition Metal Environment Enables Reversible Oxygen Redox in Mn-Based Layered Cathodes. <i>ACS Energy Letters</i> , 2021, 6, 2882-2890.	17.4	15
4	Tuning the solution structure of electrolyte for optimal solid-electrolyte-interphase formation in high-voltage lithium metal batteries. <i>Journal of Energy Chemistry</i> , 2021, 60, 178-185.	12.9	36
5	Revealing the Structural Reversibility of High-Performance Surface-Enhanced NVOF Cathode Materials for Sodium Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2020, 124, 27378-27386.	3.1	11
6	Tuning the LUMO Energy of an Organic Interphase to Stabilize Lithium Metal Batteries. <i>ACS Energy Letters</i> , 2019, 4, 644-650.	17.4	129
7	Hierarchical Co ₃ O ₄ Nanofiber@Carbon Sheet Skeleton with Superior Na/Li-philic Property Enabling Highly Stable Alkali Metal Batteries. <i>Advanced Functional Materials</i> , 2019, 29, 1808847.	14.9	147
8	A cation-anion regulation synergistic anode host for dendrite-free lithium metal batteries. <i>Science Advances</i> , 2018, 4, eaar4410.	10.3	241
9	Enabling Stable Lithium Metal Anode via 3D Inorganic Skeleton with Superlithiophilic Interphase. <i>Advanced Energy Materials</i> , 2018, 8, 1802350.	19.5	147
10	Revealing the chemistry of an anode-passivating electrolyte salt for high rate and stable sodium metal batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 12012-12017.	10.3	58
11	Regulating Li deposition at artificial solid electrolyte interphases. <i>Journal of Materials Chemistry A</i> , 2017, 5, 3483-3492.	10.3	258
12	Pillar[5]arene-based chiral 3D polymer network for heterogeneous asymmetric catalysis. <i>Polymer Chemistry</i> , 2017, 8, 7108-7112.	3.9	38