

Lina Gao

List of Publications by Year in descending order

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