

Xiao-Ru Chen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

2,146
citations

14
h-index

21
g-index

21
ext. papers

2,823
ext. citations

12.2
avg, IF

5.48
L-index

#	Paper	IF	Citations
18	The Boundary of Lithium Plating in Graphite Electrode for Safe Lithium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 13007-13012	16.4	29
17	The Boundary of Lithium Plating in Graphite Electrode for Safe Lithium-Ion Batteries. <i>Angewandte Chemie</i> , 2021 , 133, 13117-13122	3.6	2
16	Role of Lithiophilic Metal Sites in Lithium Metal Anodes. <i>Energy & Fuels</i> , 2021 , 35, 12746-12752	4.1	4
15	New insights into Dead lithium during stripping in lithium metal batteries. <i>Journal of Energy Chemistry</i> , 2021 , 62, 289-294	12	33
14	Review on Li Deposition in Working Batteries: From Nucleation to Early Growth. <i>Advanced Materials</i> , 2021 , 33, e2004128	24	70
13	Innenrücktitelbild: A Diffusion-Reaction Competition Mechanism to Tailor Lithium Deposition for Lithium-Metal Batteries (Angew. Chem. 20/2020). <i>Angewandte Chemie</i> , 2020 , 132, 8041-8041	3.6	
12	A Diffusion-Reaction Competition Mechanism to Tailor Lithium Deposition for Lithium-Metal Batteries. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 7743-7747	16.4	91
11	A Diffusion-Reaction Competition Mechanism to Tailor Lithium Deposition for Lithium-Metal Batteries. <i>Angewandte Chemie</i> , 2020 , 132, 7817-7821	3.6	25
10	Synergetic Coupling of Lithiophilic Sites and Conductive Scaffolds for Dendrite-Free Lithium Metal Anodes. <i>Small Methods</i> , 2020 , 4, 1900177	12.8	22
9	A Coaxial-Interweaved Hybrid Lithium Metal Anode for Long-Lifespan Lithium Metal Batteries. <i>Advanced Energy Materials</i> , 2019 , 9, 1901932	21.8	44
8	Favorable Lithium Nucleation on Lithiophilic Framework Porphyrin for Dendrite-Free Lithium Metal Anodes. <i>Research</i> , 2019 , 2019, 1-11	7.8	23
7	Favorable Lithium Nucleation on Lithiophilic Framework Porphyrin for Dendrite-Free Lithium Metal Anodes. <i>Research</i> , 2019 , 2019, 4608940	7.8	22
6	Lithiophilicity chemistry of heteroatom-doped carbon to guide uniform lithium nucleation in lithium metal anodes. <i>Science Advances</i> , 2019 , 5, eaau7728	14.3	266
5	Lithiophilic LiC Layers on Carbon Hosts Enabling Stable Li Metal Anode in Working Batteries. <i>Advanced Materials</i> , 2019 , 31, e1807131	24	177
4	Coralloid Carbon Fiber-Based Composite Lithium Anode for Robust Lithium Metal Batteries. <i>Joule</i> , 2018 , 2, 764-777	27.8	435
3	Innentitelbild: Lithiophilic Sites in Doped Graphene Guide Uniform Lithium Nucleation for Dendrite-Free Lithium Metal Anodes (Angew. Chem. 27/2017). <i>Angewandte Chemie</i> , 2017 , 129, 7790-7790	3.6	2
2	Lithiophilic Sites in Doped Graphene Guide Uniform Lithium Nucleation for Dendrite-Free Lithium Metal Anodes. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 7764-7768	16.4	760

- 1 Lithiophilic Sites in Doped Graphene Guide Uniform Lithium Nucleation for Dendrite-Free Lithium Metal Anodes. *Angewandte Chemie*, **2017**, 129, 7872-7876 3.6 127