

# Xiao-Ru Chen

## List of Publications by Citations

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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	Lithiophilic Sites in Doped Graphene Guide Uniform Lithium Nucleation for Dendrite-Free Lithium Metal Anodes. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 7764-7768	16.4	760
17	Coralloid Carbon Fiber-Based Composite Lithium Anode for Robust Lithium Metal Batteries. <i>Joule</i> , <b>2018</b> , 2, 764-777	27.8	435
16	Lithiophilicity chemistry of heteroatom-doped carbon to guide uniform lithium nucleation in lithium metal anodes. <i>Science Advances</i> , <b>2019</b> , 5, eaau7728	14.3	266
15	Lithiophilic LiC Layers on Carbon Hosts Enabling Stable Li Metal Anode in Working Batteries. <i>Advanced Materials</i> , <b>2019</b> , 31, e1807131	24	177
14	Lithiophilic Sites in Doped Graphene Guide Uniform Lithium Nucleation for Dendrite-Free Lithium Metal Anodes. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 7872-7876	3.6	127
13	A Diffusion--Reaction Competition Mechanism to Tailor Lithium Deposition for Lithium-Metal Batteries. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 7743-7747	16.4	91
12	Review on Li Deposition in Working Batteries: From Nucleation to Early Growth. <i>Advanced Materials</i> , <b>2021</b> , 33, e2004128	24	70
11	A Coaxial-Interweaved Hybrid Lithium Metal Anode for Long-Lifespan Lithium Metal Batteries. <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1901932	21.8	44
10	New insights into dead lithium during stripping in lithium metal batteries. <i>Journal of Energy Chemistry</i> , <b>2021</b> , 62, 289-294	12	33
9	The Boundary of Lithium Plating in Graphite Electrode for Safe Lithium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 13007-13012	16.4	29
8	A Diffusion--Reaction Competition Mechanism to Tailor Lithium Deposition for Lithium-Metal Batteries. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 7817-7821	3.6	25
7	Favorable Lithium Nucleation on Lithiophilic Framework Porphyrin for Dendrite-Free Lithium Metal Anodes. <i>Research</i> , <b>2019</b> , 2019, 1-11	7.8	23
6	Favorable Lithium Nucleation on Lithiophilic Framework Porphyrin for Dendrite-Free Lithium Metal Anodes. <i>Research</i> , <b>2019</b> , 2019, 4608940	7.8	22
5	Synergetic Coupling of Lithiophilic Sites and Conductive Scaffolds for Dendrite-Free Lithium Metal Anodes. <i>Small Methods</i> , <b>2020</b> , 4, 1900177	12.8	22
4	Role of Lithiophilic Metal Sites in Lithium Metal Anodes. <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 12746-12752	4.1	4
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> , <b>2017</b> , 129, 7790-7790	3.6	2
2	The Boundary of Lithium Plating in Graphite Electrode for Safe Lithium-Ion Batteries. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 13117-13122	3.6	2

- 1 Innenr ktitelbild: A Diffusion--Reaction Competition Mechanism to Tailor Lithium Deposition for Lithium-Metal Batteries (Angew. Chem. 20/2020). *Angewandte Chemie*, **2020**, 132, 8041-8041 3.6