

Zhiliang Liu

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

595
citations

759233

12
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

858
citing authors

#	ARTICLE	IF	CITATIONS
1	Interfacial Covalent Bonding Endowing Ti ₃ C ₂ @Sb ₂ S ₃ Composites High Sodium Storage Performance. <i>Small</i> , 2022, 18, e2104293.	10.0	30
2	The design and synthesis of Fe doped flower-like NiS/NiS ₂ catalyst with enhanced oxygen evolution reaction. <i>Journal of Electroanalytical Chemistry</i> , 2022, 920, 116630.	3.8	10
3	An efficient and stable MnCo@NiS catalyst for oxygen evolution reaction constructed by a step-by-step electrodeposition way. <i>Journal of Power Sources</i> , 2021, 489, 229525.	7.8	13
4	The cutting-edge phosphorus-rich metal phosphides for energy storage and conversion. <i>Nano Today</i> , 2021, 40, 101245.	11.9	39
5	The emerging applications of metal phosphides in carbon dioxide reduction reaction. <i>Functional Materials Letters</i> , 2021, 14, .	1.2	3
6	Low-temperature Synthesis of Honeycomb CuP ₂ @C in Molten ZnCl ₂ Salt for High-performance Lithium Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1975-1979.	13.8	62
7	Low-temperature Synthesis of Honeycomb CuP ₂ @C in Molten ZnCl ₂ Salt for High-performance Lithium Ion Batteries. <i>Angewandte Chemie</i> , 2020, 132, 1991-1995.	2.0	23
8	Direct plasma phosphorization of Cu foam for Li ion batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 16920-16925.	10.3	44
9	Ultrafine Sn ₄ P ₃ nanocrystals from chloride reduction on mechanically activated Na surface for sodium/lithium ion batteries. <i>Nano Research</i> , 2020, 13, 3157-3164.	10.4	39
10	Plasma modified BiOCl/sulfonated graphene microspheres as efficient photo-compensated electrocatalysts for the oxygen evolution reaction. <i>Catalysis Science and Technology</i> , 2020, 10, 4786-4793.	4.1	12
11	A high capacity nanocrystalline Sn anode for lithium ion batteries from hydrogenation induced phase segregation of bulk YSn ₂ . <i>Journal of Materials Chemistry A</i> , 2018, 6, 21266-21273.	10.3	8
12	A Peapod-like CoP@C Nanostructure from Phosphorization in a Low-temperature Molten Salt for High-performance Lithium-ion Batteries. <i>Angewandte Chemie</i> , 2018, 130, 10344-10348.	2.0	38
13	A Peapod-like CoP@C Nanostructure from Phosphorization in a Low-temperature Molten Salt for High-performance Lithium-ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10187-10191.	13.8	87
14	Ultrafine Sn nanocrystals in a hierarchically porous N-doped carbon for lithium ion batteries. <i>Nano Research</i> , 2017, 10, 1950-1958.	10.4	76
15	Room temperature solvent-free reduction of SiCl ₄ to nano-Si for high-performance Li-ion batteries. <i>Chemical Communications</i> , 2017, 53, 6223-6226.	4.1	20
16	Combining catalysis and hydrogen storage in direct borohydride fuel cells: towards more efficient energy utilization. <i>Journal of Materials Chemistry A</i> , 2017, 5, 14310-14318.	10.3	14
17	Silica-Derived Hydrophobic Colloidal Nano-Si for Lithium-Ion Batteries. <i>ACS Nano</i> , 2017, 11, 6065-6073.	14.6	77