

Huanhuan Sun

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

642
citations

759233

12
h-index

1125743

13
g-index

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13
docs citations

13
times ranked

714
citing authors

#	ARTICLE	IF	CITATIONS
1	Navigating fast and uniform zinc deposition <i>via</i> a versatile metal-organic complex interphase. <i>Energy and Environmental Science</i> , 2022, 15, 1872-1881.	30.8	145
2	Building Ohmic Contact Interfaces toward Ultrastable Zn Metal Anodes. <i>Advanced Science</i> , 2021, 8, e2102612.	11.2	87
3	Ultrafast lithium energy storage enabled by interfacial construction of interlayer-expanded MoS ₂ /N-doped carbon nanowires. <i>Journal of Materials Chemistry A</i> , 2018, 6, 13419-13427.	10.3	86
4	Edge-oriented SnS ₂ nanosheet arrays on carbon paper as advanced binder-free anodes for Li-ion and Na-ion batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 23115-23122.	10.3	76
5	Nanoconfined Construction of MoS ₂ @C/MoS ₂ Core-Sheath Nanowires for Superior Rate and Durable Li-Ion Energy Storage. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 5346-5354.	6.7	55
6	Triaxial Nanocables of Conducting Polypyrrole@SnS ₂ @Carbon Nanofiber Enabling Significantly Enhanced Li-Ion Storage. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 13581-13587.	8.0	49
7	Mechanistic investigation of silver vanadate as superior cathode for high rate and durable zinc-ion batteries. <i>Journal of Colloid and Interface Science</i> , 2020, 560, 659-666.	9.4	30
8	Promoting Photoelectrochemical Activity and Stability of WO ₃ /BiVO ₄ Heterojunctions by Coating a Tannin Nickel Iron Complex. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 12637-12645.	6.7	26
9	Cascading reconstruction to induce highly disordered Fe-Ni(O)OH toward enhanced oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2022, 10, 7366-7372.	10.3	26
10	Conformal coating of superhydrophilic metal-organic complex toward substantially improved photoelectrochemical water oxidation. <i>Chemical Engineering Journal</i> , 2022, 427, 131004.	12.7	25
11	Boosting photoelectrochemical activity of bismuth vanadate by implanting oxygen-vacancy-rich cobalt (oxy)hydroxide. <i>Journal of Colloid and Interface Science</i> , 2022, 611, 278-286.	9.4	17
12	2-Methylimidazole-induced reconstruction of cobalt (oxy)hydroxide electrocatalysts toward efficient water oxidation. <i>Chemical Engineering Journal</i> , 2021, 420, 129717.	12.7	15
13	Ultrafine MoS ₂ Nanosheets Vertically Patterned on Graphene for High-Efficient Li-Ion and Na-Ion Storage. <i>Frontiers in Chemistry</i> , 2021, 9, 802788.	3.6	5