

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

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times ranked

714
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Conformal coating of superhydrophilic metal-organic complex toward substantially improved photoelectrochemical water oxidation. <i>Chemical Engineering Journal</i> , 2022, 427, 131004. | 12.7 | 25 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 2-Methylimidazole-induced reconstruction of cobalt (oxy)hydroxide electrocatalysts toward efficient water oxidation. <i>Chemical Engineering Journal</i> , 2021, 420, 129717. | 12.7 | 15 |
| 6 | Building Ohmic Contact Interfaces toward Ultrastable Zn Metal Anodes. <i>Advanced Science</i> , 2021, 8, e2102612. | 11.2 | 87 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | Nanoconfined Construction of MoS ₂ @C/MoS ₂ Core-Shell Nanowires for Superior Rate and Durable Li-Ion Energy Storage. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 5346-5354. | 6.7 | 55 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |