

Wei Hua

List of Publications by Year in descending order

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17
papers

1,018
citations

623734

14
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

1137
citing authors

#	ARTICLE	IF	CITATIONS
1	A review and perspective on molybdenum-based electrocatalysts for hydrogen evolution reaction. <i>Rare Metals</i> , 2020, 39, 335-351.	7.1	196
2	Atomically dispersed Pt and Fe sites and Pt@Fe nanoparticles for durable proton exchange membrane fuel cells. <i>Nature Catalysis</i> , 2022, 5, 503-512.	34.4	155
3	Interfacial Constructing Flexible V_2O_5 @Polypyrrole Core-Shell Nanowire Membrane with Superior Supercapacitive Performance. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 18816-18823.	8.0	117
4	Structurally Engineered Hyperbranched NiCoP Arrays with Superior Electrocatalytic Activities toward Highly Efficient Overall Water Splitting. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 41237-41245.	8.0	110
5	Building Ohmic Contact Interfaces toward Ultrastable Zn Metal Anodes. <i>Advanced Science</i> , 2021, 8, e2102612.	11.2	87
6	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
7	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
8	Interface engineered NiMoN/Ni ₃ N heterostructures for enhanced alkaline hydrogen evolution reaction. <i>Applied Surface Science</i> , 2021, 540, 148407.	6.1	49
9	Rational construction of CoP@C hollow structure for ultrafast and stable sodium energy storage. <i>Rare Metals</i> , 2022, 41, 1859-1869.	7.1	30
10	Heterostructured Sn/SnO ₂ nanotube peapods with a strong plasmonic effect for photoelectrochemical water oxidation. <i>Journal of Materials Chemistry A</i> , 2019, 7, 16883-16891.	10.3	26
11	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
12	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
13	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
14	2-Methylimidazole-induced reconstruction of cobalt (oxy)hydroxide electrocatalysts toward efficient water oxidation. <i>Chemical Engineering Journal</i> , 2021, 420, 129717.	12.7	15
15	Surface-Fe enriched trimetallic (oxy)hydroxide engineered by S-incorporation and ligand anchoring toward efficient water oxidation. <i>Journal of Colloid and Interface Science</i> , 2022, 617, 391-398.	9.4	11
16	V-Doped CoP Nanosheet Arrays as Highly Efficient Electrocatalysts for Hydrogen Evolution Reaction in Both Acidic and Alkaline Solutions. <i>Frontiers in Chemistry</i> , 2020, 8, 608133.	3.6	7
17	Self-Supported Ni(P, O) _x MoO _x Nanowire Array on Nickel Foam as an Efficient and Durable Electrocatalyst for Alkaline Hydrogen Evolution. <i>Nanomaterials</i> , 2017, 7, 433.	4.1	5