

Mei Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10050764/publications.pdf>

Version: 2024-02-01

16
papers

484
citations

840776

11
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

640
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical Expectation and Experimental Implementation of In Situ Al-Doped CoS ₂ Nanowires on Dealloying-Derived Nanoporous Intermetallic Substrate as an Efficient Electrocatalyst for Boosting Hydrogen Production. ACS Catalysis, 2019, 9, 1489-1502.	11.2	112
2	Electrochemical activated PtAuCu alloy nanoparticle catalysts for formic acid, methanol and ethanol electro-oxidation. Electrochimica Acta, 2015, 178, 259-269.	5.2	71
3	Highly active carbon supported ternary PdSnPt (x= 0.1~0.7) catalysts for ethanol electro-oxidation in alkaline and acid media. Journal of Colloid and Interface Science, 2016, 468, 200-210.	9.4	61
4	Porous Ni~Mo~S Nanowire Network Film Electrode as a High~Efficiency Bifunctional Electrocatalyst for Overall Water Splitting. ChemElectroChem, 2018, 5, 335-342.	3.4	60
5	Well-dispersed palladium nanoparticles on nickel-phosphorus nanosheets as efficient three-dimensional platform for superior catalytic glucose electro-oxidation and non-enzymatic sensing. Journal of Colloid and Interface Science, 2018, 511, 355-364.	9.4	30
6	Lattice-Coupled Si/MXene Confined by Hard Carbon for Fast Sodium-Ion Conduction. ACS Applied Energy Materials, 2021, 4, 7268-7277.	5.1	29
7	Crystalline borophene quantum dots and their derivative boron nanospheres. Materials Advances, 2021, 2, 3269-3273.	5.4	20
8	Rational construction of densely packed Si/MXene composite microspheres enables favorable sodium storage. Rare Metals, 2022, 41, 1626-1636.	7.1	20
9	An efficient route for catalytic activity promotion via hybrid electro-depositional modification on commercial nickel foam for hydrogen evolution reaction in alkaline water electrolysis. Applied Surface Science, 2014, 313, 512-523.	6.1	19
10	PbTe nanodots confined on ternary B ₂ O ₃ /BC ₂ O/C nanosheets as electrode for efficient sodium storage. Journal of Power Sources, 2020, 461, 228110.	7.8	16
11	Incorporating quantum-sized boron dots into 3D cross-linked rGO skeleton to enable the activity of boron anode for favorable lithium storage. Chemical Engineering Journal, 2021, 425, 130659.	12.7	16
12	Highly microporous SbPO ₄ /BC _x hybrid anodes for sodium-ion batteries. Materials Advances, 2020, 1, 206-214.	5.4	12
13	ALP-regulated phosphorus vacancies over Ni~P compounds promoting efficient and durable hydrogen generation in acidic media. Dalton Transactions, 2022, 51, 4033-4042.	3.3	6
14	Bottom-up synthesized crystalline boron quantum dots with nonvolatile memory effects through one-step hydrothermal polymerization of ammonium pentaborane and boric acid. CrystEngComm, 2022, 24, 3469-3474.	2.6	5
15	Richly electron-deficient BC _x O _{3x} anodes with enhanced reaction kinetics for sodium/potassium-ion batteries. Materials Chemistry Frontiers, 2022, 6, 1882-1894.	5.9	4
16	Bimetallic persulfide nanoflakes assembled by dealloying and sulfurization: a versatile electro-catalyst for overall water splitting and Zn~air batteries. Catalysis Science and Technology, 2022, 12, 497-508.	4.1	3