

Mei Wang

List of Publications by Year in descending order

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840776

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