

Xuqiang Ji

List of Publications by Year in descending order

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567281

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citing authors

#	ARTICLE	IF	CITATIONS
1	Solar-driven photoelectron injection effect on MgCo ₂ O ₄ @WO ₃ core-shell heterostructure for efficient overall water splitting. Applied Surface Science, 2022, 578, 152049.	6.1	41
2	Controllable atom implantation for achieving Coulomb-force unbalance toward lattice distortion and vacancy construction for accelerated water splitting. Journal of Colloid and Interface Science, 2022, 610, 194-201.	9.4	41
3	Fe-atom-implantation induced regional phase reconstruction for high-entropy Ni _x S _y construction with diversified crystallographic orientations towards accelerated water splitting. Journal of Power Sources, 2022, 522, 231004.	7.8	15
4	Lattice-disorder layer generation from liquid processing at room temperature with boosted nanointerface exposure toward water splitting. Sustainable Energy and Fuels, 2022, 6, 3008-3013.	4.9	45
5	Facile construction of heterostructural Ni ₃ (NO ₃) ₂ (OH) ₄ /CeO ₂ bifunctional catalysts for boosted overall water splitting. International Journal of Hydrogen Energy, 2022, 47, 23221-23229.	7.1	4
6	Efficient water oxidation using flower-like multiphase nickel hydroxide with Fe doping. Sustainable Energy and Fuels, 2021, 5, 2228-2233.	4.9	7
7	Surface self-reconstruction of nickel foam triggered by hydrothermal corrosion for boosted water oxidation. International Journal of Hydrogen Energy, 2021, 46, 1501-1508.	7.1	40
8	Dopant-site lattice turbulence of Cu-substituted Nb ₂ O ₅ for efficient nitrogen electroreduction. Nanoscale, 2021, 13, 3036-3041.	5.6	7
9	Advantageous metal-atom-escape towards super-hydrophilic interfaces assembly for efficient overall water splitting. Journal of Power Sources, 2021, 499, 229941.	7.8	75
10	Favorable Amorphous-Crystalline Iron Oxyhydroxide Phase Boundaries for Boosted Alkaline Water Oxidation. ChemSusChem, 2020, 13, 4911-4915.	6.8	45
11	Oxidation-etching induced morphology regulation of Cu catalysts for high-performance electrochemical N ₂ reduction. EcoMat, 2020, 2, e12026.	11.9	13
12	Defective Carbon-Doped Boron Nitride Nanosheets for Highly Efficient Electrocatalytic Conversion of N ₂ to NH ₃ . ACS Sustainable Chemistry and Engineering, 2020, 8, 5278-5286.	6.7	61
13	Concentrated-acid triggered superfast generation of porous amorphous cobalt oxide toward efficient water oxidation catalysis in alkaline solution. Chemical Communications, 2019, 55, 1797-1800.	4.1	19
14	Fabrication of hierarchical CoP nanosheet@microwire arrays via space-confined phosphidation toward high-efficiency water oxidation electrocatalysis under alkaline conditions. Nanoscale, 2018, 10, 7941-7945.	5.6	197
15	Boron Nitride Quantum Dots with Solvent-Regulated Blue/Green Photoluminescence and Electrochemiluminescent Behavior for Versatile Applications. Advanced Optical Materials, 2017, 5, 1600661.	7.3	82
16	Efficient and Facile Fabrication of Glucose Biosensor Based on Electrochemically Etched Porous HOPG Platform. Electroanalysis, 2017, 29, 944-949.	2.9	4
17	WO ₃ Nanoarray: An Efficient Electrochemical Oxygen Evolution Catalyst Electrode Operating in Alkaline Solution. Inorganic Chemistry, 2017, 56, 14743-14746.	4.0	36
18	In situ preparation of graphene/polypyrrole nanocomposite via electrochemical co-deposition methodology for anti-corrosion application. Journal of Materials Science, 2017, 52, 12251-12265.	3.7	38

#	ARTICLE	IF	CITATIONS
19	One-Step Synthesis of Boron Nitride Quantum Dots: Simple Chemistry Meets Delicate Nanotechnology. Chemistry - A European Journal, 2016, 22, 18899-18907.	3.3	111
20	2D MoS ₂ /graphene composites with excellent full Ku band microwave absorption. RSC Advances, 2016, 6, 106187-106193.	3.6	60
21	Soluble, Exfoliated Two-Dimensional Nanosheets as Excellent Aqueous Lubricants. ACS Applied Materials & Interfaces, 2016, 8, 32440-32449.	8.0	88
22	Synergetic Engineering of High-Oxidation-State Cations on Phase Boundaries toward High-Efficiency Water Splitting. ChemElectroChem, 0, , .	3.4	1