

Xuqiang Ji

List of Publications by Year in descending order

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22
papers

1,030
citations

567281

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713466

21
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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of hierarchical CoP nanosheet@microwire arrays via space-confined phosphidation toward high-efficiency water oxidation electrocatalysis under alkaline conditions. <i>Nanoscale</i> , 2018, 10, 7941-7945.	5.6	197
2	One-Step Synthesis of Boron Nitride Quantum Dots: Simple Chemistry Meets Delicate Nanotechnology. <i>Chemistry - A European Journal</i> , 2016, 22, 18899-18907.	3.3	111
3	Soluble, Exfoliated Two-Dimensional Nanosheets as Excellent Aqueous Lubricants. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 32440-32449.	8.0	88
4	Boron Nitride Quantum Dots with Solvent-Regulated Blue/Green Photoluminescence and Electrochemiluminescent Behavior for Versatile Applications. <i>Advanced Optical Materials</i> , 2017, 5, 1600661.	7.3	82
5	Advantageous metal-atom-escape towards super-hydrophilic interfaces assembly for efficient overall water splitting. <i>Journal of Power Sources</i> , 2021, 499, 229941.	7.8	75
6	Defective Carbon-Doped Boron Nitride Nanosheets for Highly Efficient Electrocatalytic Conversion of N_2 to NH_3 . <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 5278-5286.	6.7	61
7	2D MoS_2 /graphene composites with excellent full Ku band microwave absorption. <i>RSC Advances</i> , 2016, 6, 106187-106193.	3.6	60
8	Favorable Amorphous~Crystalline Iron Oxyhydroxide Phase Boundaries for Boosted Alkaline Water Oxidation. <i>ChemSusChem</i> , 2020, 13, 4911-4915.	6.8	45
9	Lattice-disorder layer generation from liquid processing at room temperature with boosted nanointerface exposure toward water splitting. <i>Sustainable Energy and Fuels</i> , 2022, 6, 3008-3013.	4.9	45
10	Solar-driven photoelectron injection effect on $MgCo_2O_4@WO_3$ core-shell heterostructure for efficient overall water splitting. <i>Applied Surface Science</i> , 2022, 578, 152049.	6.1	41
11	Controllable atom implantation for achieving Coulomb-force unbalance toward lattice distortion and vacancy construction for accelerated water splitting. <i>Journal of Colloid and Interface Science</i> , 2022, 610, 194-201.	9.4	41
12	Surface self-reconstruction of nickel foam triggered by hydrothermal corrosion for boosted water oxidation. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 1501-1508.	7.1	40
13	In situ preparation of graphene/polypyrrole nanocomposite via electrochemical co-deposition methodology for anti-corrosion application. <i>Journal of Materials Science</i> , 2017, 52, 12251-12265.	3.7	38
14	WO_3 Nanoarray: An Efficient Electrochemical Oxygen Evolution Catalyst Electrode Operating in Alkaline Solution. <i>Inorganic Chemistry</i> , 2017, 56, 14743-14746.	4.0	36
15	Concentrated-acid triggered superfast generation of porous amorphous cobalt oxide toward efficient water oxidation catalysis in alkaline solution. <i>Chemical Communications</i> , 2019, 55, 1797-1800.	4.1	19
16	Fe-atom-implantation induced regional phase reconstruction for high-entropy $NixSy$ construction with diversified crystallographic orientations towards accelerated water splitting. <i>Journal of Power Sources</i> , 2022, 522, 231004.	7.8	15
17	Oxidation-etching induced morphology regulation of Cu catalysts for high-performance electrochemical N_2 reduction. <i>EcoMat</i> , 2020, 2, e12026.	11.9	13
18	Efficient water oxidation using flower-like multiphase nickel hydroxide with Fe doping. <i>Sustainable Energy and Fuels</i> , 2021, 5, 2228-2233.	4.9	7

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19	Dopant-site lattice turbulence of Cu-substituted Nb ₂ O ₅ for efficient nitrogen electroreduction. <i>Nanoscale</i> , 2021, 13, 3036-3041.	5.6	7
20	Efficient and Facile Fabrication of Glucose Biosensor Based on Electrochemically Etched Porous HOPG Platform. <i>Electroanalysis</i> , 2017, 29, 944-949.	2.9	4
21	Facile construction of heterostructural Ni ₃ (NO ₃) ₂ (OH) ₄ /CeO ₂ bifunctional catalysts for boosted overall water splitting. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 23221-23229.	7.1	4
22	Synergetic Engineering of High-Oxidation-State Cations on Phase Boundaries toward High-Efficiency Water Splitting. <i>ChemElectroChem</i> , 0, , .	3.4	1