Bingjun Jin

List of Publications by Year
in descending order

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30 papers	1,920 citations	393982 19 h-index	500791 28 g-index
30 all docs	30 docs citations	30 times ranked	2982 citing authors

#	Article	IF	Citations
1	Black phosphorene as a hole extraction layer boosting solar water splitting of oxygen evolution catalysts. Nature Communications, 2019, 10, 2001.	5.8	222
2	Hydrogen Peroxide Production from Solar Water Oxidation. ACS Energy Letters, 2019, 4, 3018-3027.	8.8	170
3	Near-Complete Suppression of Oxygen Evolution for Photoelectrochemical H₂O Oxidative H₂O₂ Synthesis. Journal of the American Chemical Society, 2020, 142, 8641-8648.	6.6	168
4	Vertically Oriented MoS₂ with Spatially Controlled Geometry on Nitrogenous Graphene Sheets for Highâ€Performance Sodiumâ€Ion Batteries. Advanced Energy Materials, 2018, 8, 1703300.	10.2	144
5	Conceptual design of three-dimensional CoN/Ni₃N-coupled nanograsses integrated on N-doped carbon to serve as efficient and robust water splitting electrocatalysts. Journal of Materials Chemistry A, 2018, 6, 4466-4476.	5.2	143
6	Amorphous Phosphorus-Incorporated Cobalt Molybdenum Sulfide on Carbon Cloth: An Efficient and Stable Electrocatalyst for Enhanced Overall Water Splitting over Entire pH Values. ACS Applied Materials & Interfaces, 2017, 9, 37739-37749.	4.0	122
7	Stacked Porous Iron-Doped Nickel Cobalt Phosphide Nanoparticle: An Efficient and Stable Water Splitting Electrocatalyst. ACS Sustainable Chemistry and Engineering, 2018, 6, 6146-6156.	3.2	113
8	Defect-Induced Epitaxial Growth for Efficient Solar Hydrogen Production. Nano Letters, 2017, 17, 6676-6683.	4.5	96
9	Solution-processed yolkâ€“shell-shaped WO₃/BiVO₄ heterojunction photoelectrodes for efficient solar water splitting. Journal of Materials Chemistry A, 2018, 6, 2585-2592.	5.2	95
10	Photo-directed growth of Au nanowires on ZnO arrays for enhancing photoelectrochemical performances. Journal of Materials Chemistry A, 2014, 2, 15553-15559.	5.2	76
11	Efficient charge separation between Bi₂MoO₆ nanosheets and ZnO nanowires for enhanced photoelectrochemical properties. Journal of Materials Chemistry A, 2015, 3, 19702-19705.	5.2	70
12	Advances in Zâ€scheme semiconductor photocatalysts for the photoelectrochemical applications: A review. , 2022, 4, 294-331.		65
13	A two-photon tandem black phosphorus quantum dot-sensitized BiVO₄ photoanode for solar water splitting. Energy and Environmental Science, 2022, 15, 672-679.	15.6	64
14	Aligned Heterointerfaceâ€Induced 1Tâ€MoS₂ Monolayer with Nearâ€Ideal Gibbs Free for Stable Hydrogen Evolution Reaction. Small, 2019, 15, e1804903.	5.2	63
15	Defect Dominated Hierarchical Tiâ€Metalâ€Organic Frameworks via a Linker Competitive Coordination Strategy for Toluene Removal. Advanced Functional Materials, 2021, 31, 2102511.	7.8	50
16	The enhanced photocatalytic properties of BiOCl/BiVO₄ pâ€“n heterojunctions via plasmon resonance of metal Bi. RSC Advances, 2015, 5, 75947-75952.	1.7	48
17	Electric field-directed growth and photoelectrochemical properties of cross-linked Auâ€“ZnO hetero-nanowire arrays. Chemical Communications, 2015, 51, 2103-2106.	2.2	41
18	Rationally Designed Copperâ€Modified Polymeric Carbon Nitride as a Photocathode for Solar Water Splitting. ChemSusChem, 2019, 12, 866-872.	3.6	26

#	Article	IF	Citations
19	Engineered Polymeric Carbon Nitride Additive for Energy Storage Materials: A Review. Advanced Functional Materials, 2021, 31, 2102300.	7.8	26
20	An Ã…ngstrÃ¶m-level d-spacing controlling synthetic route for MoS₂ towards stable intercalation of sodium ions. Journal of Materials Chemistry A, 2018, 6, 22513-22518.	5.2	24
21	A â€œsurface patchingâ€•strategy to achieve highly efficient solar water oxidation beyond surface passivation effect. Nano Energy, 2019, 66, 104110.	8.2	20
22	Rationally designed hybrids of NiCo2O4 and polymeric carbon nitride as faradaic electrodes with enhanced electrochemical performance. Electrochimica Acta, 2019, 299, 717-726.	2.6	20
23	Boosting faradaic reactions of metal oxides on polymeric carbon nitride/PANI hybrid. Energy Storage Materials, 2020, 25, 487-494.	9.5	14
24	Large and reversible sodium storage through interlaced reaction design. Energy Storage Materials, 2020, 25, 687-694.	9.5	9
25	Rationally embedded zinc oxide nanospheres serving as electron transport channels in bismuth vanadate/zinc oxide heterostructures for improved photoelectrochemical efficiency. Journal of Colloid and Interface Science, 2021, 592, 127-134.	5.0	9
26	Cu₂Oâ˜Cu₂Se Mixedâ€Phase Nanoflake Arrays: pHâ€Universal Hydrogen Evolution Reactions with Ultralow Overpotential. ChemElectroChem, 2019, 6, 5014-5021.	1.7	8
27	Facile Fabrication of Network-Like Au/ZnO Nanowire Hetero-Arrays for Improved Photoelectrochemical and Supercapacitor Properties. Catalysis Letters, 2016, 146, 1348-1354.	1.4	7
28	Facile synthesis of porous Ag₃PO₄ photocatalysts with high self-stability and activity. RSC Advances, 2016, 6, 56166-56169.	1.7	5
29	Facile Synthesis of Ag₃PO₄ Nanospheres with Enhanced Photocatalytic Properties for the Degradation of Methylene Blue Under Visible Light Irradiation. Nanoscience and Nanotechnology Letters, 2015, 7, 565-570.	0.4	2
30	Back Cover Image, Volume 4, Number 3, May 2022. , 2022, 4, .		0