

Bingjun Jin

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,920
citations

394286

19
h-index

501076

28
g-index

30
all docs

30
docs citations

30
times ranked

2982
citing authors

#	ARTICLE	IF	CITATIONS
1	A two-photon tandem black phosphorus quantum dot-sensitized BiVO ₄ photoanode for solar water splitting. Energy and Environmental Science, 2022, 15, 672-679.	15.6	64
2	Advances in Z-scheme semiconductor photocatalysts for the photoelectrochemical applications: A review. , 2022, 4, 294-331.		65
3	Back Cover Image, Volume 4, Number 3, May 2022. , 2022, 4, .		0
4	Defect Dominated Hierarchical Ti-Metal-Organic Frameworks via a Linker Competitive Coordination Strategy for Toluene Removal. Advanced Functional Materials, 2021, 31, 2102511.	7.8	50
5	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
6	Engineered Polymeric Carbon Nitride Additive for Energy Storage Materials: A Review. Advanced Functional Materials, 2021, 31, 2102300.	7.8	26
7	Large and reversible sodium storage through interlaced reaction design. Energy Storage Materials, 2020, 25, 687-694.	9.5	9
8	Boosting faradaic reactions of metal oxides on polymeric carbon nitride/PANI hybrid. Energy Storage Materials, 2020, 25, 487-494.	9.5	14
9	Near-Complete Suppression of Oxygen Evolution for Photoelectrochemical H ₂ O Oxidative H ₂ O ₂ Synthesis. Journal of the American Chemical Society, 2020, 142, 8641-8648.	6.6	168
10	Cu ₂ O/Cu ₂ Se Mixed-Phase Nanoflake Arrays: pH-Universal Hydrogen Evolution Reactions with Ultralow Overpotential. ChemElectroChem, 2019, 6, 5014-5021.	1.7	8
11	A surface patching strategy to achieve highly efficient solar water oxidation beyond surface passivation effect. Nano Energy, 2019, 66, 104110.	8.2	20
12	Hydrogen Peroxide Production from Solar Water Oxidation. ACS Energy Letters, 2019, 4, 3018-3027.	8.8	170
13	Aligned Heterointerface-Induced 1T-MoS ₂ Monolayer with Near-Ideal Gibbs Free for Stable Hydrogen Evolution Reaction. Small, 2019, 15, e1804903.	5.2	63
14	Black phosphorene as a hole extraction layer boosting solar water splitting of oxygen evolution catalysts. Nature Communications, 2019, 10, 2001.	5.8	222
15	Rationally designed hybrids of NiCo ₂ O ₄ and polymeric carbon nitride as faradaic electrodes with enhanced electrochemical performance. Electrochimica Acta, 2019, 299, 717-726.	2.6	20
16	Rationally Designed Copper-Modified Polymeric Carbon Nitride as a Photocathode for Solar Water Splitting. ChemSusChem, 2019, 12, 866-872.	3.6	26
17	Conceptual design of three-dimensional CoN/Ni ₃ N-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
18	Solution-processed yolk-shell-shaped WO ₃ /BiVO ₄ heterojunction photoelectrodes for efficient solar water splitting. Journal of Materials Chemistry A, 2018, 6, 2585-2592.	5.2	95

#	ARTICLE	IF	CITATIONS
19	Vertically Oriented MoS ₂ with Spatially Controlled Geometry on Nitrogenous Graphene Sheets for High-Performance Sodium-Ion Batteries. <i>Advanced Energy Materials</i> , 2018, 8, 1703300.	10.2	144
20	Stacked Porous Iron-Doped Nickel Cobalt Phosphide Nanoparticle: An Efficient and Stable Water Splitting Electrocatalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 6146-6156.	3.2	113
21	An Ångström-level <i>in situ</i> -spacing controlling synthetic route for MoS ₂ towards stable intercalation of sodium ions. <i>Journal of Materials Chemistry A</i> , 2018, 6, 22513-22518.	5.2	24
22	Amorphous Phosphorus-Incorporated Cobalt Molybdenum Sulfide on Carbon Cloth: An Efficient and Stable Electrocatalyst for Enhanced Overall Water Splitting over Entire pH Values. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 37739-37749.	4.0	122
23	Defect-Induced Epitaxial Growth for Efficient Solar Hydrogen Production. <i>Nano Letters</i> , 2017, 17, 6676-6683.	4.5	96
24	Facile Fabrication of Network-Like Au/ZnO Nanowire Hetero-Arrays for Improved Photoelectrochemical and Supercapacitor Properties. <i>Catalysis Letters</i> , 2016, 146, 1348-1354.	1.4	7
25	Facile synthesis of porous Ag ₃ PO ₄ photocatalysts with high self-stability and activity. <i>RSC Advances</i> , 2016, 6, 56166-56169.	1.7	5
26	The enhanced photocatalytic properties of BiOCl/BiVO ₄ p-n heterojunctions via plasmon resonance of metal Bi. <i>RSC Advances</i> , 2015, 5, 75947-75952.	1.7	48
27	Efficient charge separation between Bi ₂ MoO ₆ nanosheets and ZnO nanowires for enhanced photoelectrochemical properties. <i>Journal of Materials Chemistry A</i> , 2015, 3, 19702-19705.	5.2	70
28	Electric field-directed growth and photoelectrochemical properties of cross-linked Au@ZnO hetero-nanowire arrays. <i>Chemical Communications</i> , 2015, 51, 2103-2106.	2.2	41
29	Facile Synthesis of Ag ₃ PO ₄ Nanospheres with Enhanced Photocatalytic Properties for the Degradation of Methylene Blue Under Visible Light Irradiation. <i>Nanoscience and Nanotechnology Letters</i> , 2015, 7, 565-570.	0.4	2
30	Photo-directed growth of Au nanowires on ZnO arrays for enhancing photoelectrochemical performances. <i>Journal of Materials Chemistry A</i> , 2014, 2, 15553-15559.	5.2	76