

# Yi Huang

## List of Publications by Year in descending order

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36  
papers

3,031  
citations

186265

28  
h-index

330143

37  
g-index

37  
all docs

37  
docs citations

37  
times ranked

3944  
citing authors

#	ARTICLE	IF	CITATIONS
1	Boosting Hydrogen Production by Anodic Oxidation of Primary Amines over a NiSe Nanorod Electrode. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13163-13166.	13.8	312
2	Engineering oxygen-containing and amino groups into two-dimensional atomically-thin porous polymeric carbon nitrogen for enhanced photocatalytic hydrogen production. <i>Energy and Environmental Science</i> , 2018, 11, 566-571.	30.8	304
3	Trimetallic Spinel NiCo <sub>2</sub> FeO <sub>4</sub> Nanoboxes for Highly Efficient Electrocatalytic Oxygen Evolution. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11841-11846.	13.8	247
4	Sub-1.1 nm ultrathin porous CoP nanosheets with dominant reactive {200} facets: a high mass activity and efficient electrocatalyst for the hydrogen evolution reaction. <i>Chemical Science</i> , 2017, 8, 2769-2775.	7.4	243
5	Integrating Hydrogen Production with Aqueous Selective Semi-Dehydrogenation of Tetrahydroisoquinolines over a Ni <sub>2</sub> P Bifunctional Electrode. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12014-12017.	13.8	189
6	Co <sub>3</sub> O <sub>4</sub> Hollow Nanoparticles Embedded in Mesoporous Walls of Carbon Nanoboxes for Efficient Lithium Storage. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19914-19918.	13.8	177
7	Rational design of semiconductor-based photocatalysts for advanced photocatalytic hydrogen production: the case of cadmium chalcogenides. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 591-615.	6.0	151
8	Integrating Hydrogen Production with Aqueous Selective Semi-Dehydrogenation of Tetrahydroisoquinolines over a Ni <sub>2</sub> P Bifunctional Electrode. <i>Angewandte Chemie</i> , 2019, 131, 12142-12145.	2.0	138
9	Boosting Photoelectrochemical Water Oxidation Activity and Stability of Mo-Doped BiVO <sub>4</sub> through the Uniform Assembly Coating of NiFe-Phenolic Networks. <i>ACS Energy Letters</i> , 2018, 3, 1648-1654.	17.4	116
10	Potential-tuned selective electrosynthesis of azoxy-, azo- and amino-aromatics over a CoP nanosheet cathode. <i>National Science Review</i> , 2020, 7, 285-295.	9.5	107
11	Self-Floating Carbonized Tissue Membrane Derived from Commercial Facial Tissue for Highly Efficient Solar Steam Generation. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 2911-2915.	6.7	76
12	Mediator-free Z-scheme photocatalytic system based on ultrathin CdS nanosheets for efficient hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2016, 4, 13626-13635.	10.3	71
13	Boosting Hydrogen Production by Anodic Oxidation of Primary Amines over a NiSe Nanorod Electrode. <i>Angewandte Chemie</i> , 2018, 130, 13347-13350.	2.0	69
14	Photogenerated Carriers Boost Water Splitting Activity over Transition-Metal/Semiconducting Metal Oxide Bifunctional Electrocatalysts. <i>ACS Catalysis</i> , 2017, 7, 6464-6470.	11.2	62
15	Covalent triazine framework-supported palladium as a ligand-free catalyst for the selective double carbonylation of aryl iodides under ambient pressure of CO. <i>Chemical Communications</i> , 2016, 52, 2960-2963.	4.1	60
16	Photoimmobilized Ni Clusters Boost Photodehydrogenative Coupling of Amines to Imines via Enhanced Hydrogen Evolution Kinetics. <i>ACS Catalysis</i> , 2020, 10, 3904-3910.	11.2	60
17	Promoting charge carrier utilization by integrating layered double hydroxide nanosheet arrays with porous BiVO <sub>4</sub> photoanode for efficient photoelectrochemical water splitting. <i>Science China Materials</i> , 2017, 60, 193-207.	6.3	57
18	Adjusting the electronic structure by Ni incorporation: a generalized in situ electrochemical strategy to enhance water oxidation activity of oxyhydroxides. <i>Journal of Materials Chemistry A</i> , 2017, 5, 13336-13340.	10.3	49

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19	Photothermally assisted photocatalytic conversion of CO <sub>2</sub> to H <sub>2</sub> O into fuels over a WO <sub>3</sub> Z-scheme heterostructure. Journal of Materials Chemistry A, 2020, 8, 1077-1083.	10.3	48
20	Hierarchical ultrathin-branched CdS nanowire arrays with enhanced photocatalytic performance. Journal of Materials Chemistry A, 2015, 3, 19507-19516.	10.3	44
21	Integrating photocatalytic reduction of CO <sub>2</sub> with selective oxidation of tetrahydroisoquinoline over In <sub>2</sub> O <sub>3</sub> Z-scheme p-n junction. Science China Chemistry, 2020, 63, 28-34.	8.2	43
22	Hierarchical NiFe Hydroxide/Ni <sub>3</sub> N Nanosheet-on-Nanosheet Heterostructures for Bifunctional Oxygen Evolution and Urea Oxidation Reactions. ACS Sustainable Chemistry and Engineering, 2021, 9, 12584-12590.	6.7	35
23	Electron-rich NiFe layered double hydroxides via interface engineering for boosting electrocatalytic oxygen evolution. Applied Catalysis B: Environmental, 2021, 297, 120453.	20.2	35
24	Trimetallic Spinel NiCo <sub>2</sub> Fe <sub>4</sub> O <sub>4</sub> Nanoboxes for Highly Efficient Electrocatalytic Oxygen Evolution. Angewandte Chemie, 2021, 133, 11947-11952.	2.0	33
25	Mitochondrial GRIM-19 deficiency facilitates gastric cancer metastasis through oncogenic ROS-NRF2-HO-1 axis via a NRF2-HO-1 loop. Gastric Cancer, 2021, 24, 117-132.	5.3	32
26	β-Cyclodextrin polymer brushes based on hyperbranched polycarbosilane: Synthesis and characterization. Journal of Polymer Science Part A, 2008, 46, 5036-5052.	2.3	30
27			