

# Yi Huang

## List of Publications by Year in descending order

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36  
papers

3,031  
citations

212478

28  
h-index

371746

37  
g-index

37  
all docs

37  
docs citations

37  
times ranked

4477  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulating the Chemical Microenvironment of Pt Nanoparticles within Ultrathin Nanosheets of Isoreticular MOFs for Enhanced Catalytic Activity. <i>Inorganic Chemistry</i> , 2022, 61, 2538-2545.	1.9	10
2	Single-atom catalysts for thermal- and electro-catalytic hydrogenation reactions. <i>Journal of Materials Chemistry A</i> , 2022, 10, 5743-5757.	5.2	22
3	Mitochondrial GRIM-19 deficiency facilitates gastric cancer metastasis through oncogenic ROS-NRF2-HO-1 axis via a NRF2-HO-1 loop. <i>Gastric Cancer</i> , 2021, 24, 117-132.	2.7	32
4	Trimetallic Spinel NiCo <sub>2</sub> Fe <sub>2</sub> O <sub>4</sub> Nanoboxes for Highly Efficient Electrocatalytic Oxygen Evolution. <i>Angewandte Chemie</i> , 2021, 133, 11947-11952.	1.6	33
5	Trimetallic Spinel NiCo <sub>2</sub> Fe <sub>2</sub> O <sub>4</sub> Nanoboxes for Highly Efficient Electrocatalytic Oxygen Evolution. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11841-11846.	7.2	247
6	Hierarchical NiFe Hydroxide/Ni <sub>3</sub> N Nanosheet-on-Nanosheet Heterostructures for Bifunctional Oxygen Evolution and Urea Oxidation Reactions. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 12584-12590.	3.2	35
7	Electron-rich NiFe layered double hydroxides via interface engineering for boosting electrocatalytic oxygen evolution. <i>Applied Catalysis B: Environmental</i> , 2021, 297, 120453.	10.8	35
8	Potential-tuned selective electrosynthesis of azoxy-, azo- and amino-aromatics over a CoP nanosheet cathode. <i>National Science Review</i> , 2020, 7, 285-295.	4.6	107
9	Photothermally assisted photocatalytic conversion of CO <sub>2</sub> to H <sub>2</sub> O into fuels over a W <sub>3</sub> Z-scheme heterostructure. <i>Journal of Materials Chemistry A</i> , 2020, 8, 1077-1083.	5.2	48
10	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. <i>Science China Chemistry</i> , 2020, 63, 28-34.	4.2	43
11	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.	7.2	177
12	Co <sub>3</sub> O <sub>4</sub> Hollow Nanoparticles Embedded in Mesoporous Walls of Carbon Nanoboxes for Efficient Lithium Storage. <i>Angewandte Chemie</i> , 2020, 132, 20086-20090.	1.6	29
13	Ultrafine NiFe clusters anchored on N-doped carbon as bifunctional electrocatalysts for efficient water and urea oxidation. <i>Dalton Transactions</i> , 2020, 49, 13962-13969.	1.6	28
14	Photoimmobilized Ni Clusters Boost Photodehydrogenative Coupling of Amines to Imines via Enhanced Hydrogen Evolution Kinetics. <i>ACS Catalysis</i> , 2020, 10, 3904-3910.	5.5	60
15	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.	1.6	138
16	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.	7.2	189
17	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.	3.2	76
18	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.	15.6	304

#	ARTICLE	IF	CITATIONS
19	Boosting ethanol electrooxidation <i>via</i> photothermal effect over palladium/reduced graphene oxide. <i>Journal of Materials Chemistry A</i> , 2018, 6, 18426-18429.	5.2	16
20	Boosting Hydrogen Production by Anodic Oxidation of Primary Amines over a NiSe Nanorod Electrode. <i>Angewandte Chemie</i> , 2018, 130, 13347-13350.	1.6	69
21	Boosting Hydrogen Production by Anodic Oxidation of Primary Amines over a NiSe Nanorod Electrode. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13163-13166.	7.2	312
22	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.	8.8	116
23	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.	3.7	243
24	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.	3.5	57
25	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.	5.2	49
26	Active Cocatalysts for Photocatalytic Hydrogen Evolution Derived from Nickel or Cobalt Amine Complexes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14804-14806.	7.2	28
27	Photogenerated Carriers Boost Water Splitting Activity over Transition-Metal/Semiconducting Metal Oxide Bifunctional Electrocatalysts. <i>ACS Catalysis</i> , 2017, 7, 6464-6470.	5.5	62
28	Aktive Kokatalysatoren mit molekularen Nickel- und Cobaltkomplexen für die photokatalytische Wasserstoffentwicklung. <i>Angewandte Chemie</i> , 2017, 129, 14998-15000.	1.6	6
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