Yi Huang

List of Publications by Year
in descending order

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36	3,031	186265	330143
papers	citations	28 h-index	37 g-index

37	37	37	3944
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modulating the Chemical Microenvironment of Pt Nanoparticles within Ultrathin Nanosheets of Isoreticular MOFs for Enhanced Catalytic Activity. Inorganic Chemistry, 2022, 61, 2538-2545.	4.0	10
2	Single-atom catalysts for thermal- and electro-catalytic hydrogenation reactions. Journal of Materials Chemistry A, 2022, 10, 5743-5757.	10.3	22
3	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
4	Trimetallic Spinel NiCo_{2â^'x}Fe_xO₄ Nanoboxes for Highly Efficient Electrocatalytic Oxygen Evolution. Angewandte Chemie, 2021, 133, 11947-11952.	2.0	33
5	Trimetallic Spinel NiCo_{2â^'x}Fe_xO₄ Nanoboxes for Highly Efficient Electrocatalytic Oxygen Evolution. Angewandte Chemie - International Edition, 2021, 60, 11841-11846.	13.8	247
6	Hierarchical NiFe Hydroxide/Ni₃N Nanosheet-on-Nanosheet Heterostructures for Bifunctional Oxygen Evolution and Urea Oxidation Reactions. ACS Sustainable Chemistry and Engineering, 2021, 9, 12584-12590.	6.7	35
7	Electron-rich NiFe layered double hydroxides via interface engineering for boosting electrocatalytic oxygen evolution. Applied Catalysis B: Environmental, 2021, 297, 120453.	20.2	35
8	Potential-tuned selective electrosynthesis of azoxy-, azo- and amino-aromatics over a CoP nanosheet cathode. National Science Review, 2020, 7, 285-295.	9.5	107
9	Photothermally assisted photocatalytic conversion of CO₂â€“H₂O into fuels over a WNâ€“WO₃ Z-scheme heterostructure. Journal of Materials Chemistry A, 2020, 8, 1077-1083.	10.3	48
10	Integrating photocatalytic reduction of CO2 with selective oxidation of tetrahydroisoquinoline over InPâ€“In2O3 Z-scheme p-n junction. Science China Chemistry, 2020, 63, 28-34.	8.2	43
11	Co₃O₄ Hollow Nanoparticles Embedded in Mesoporous Walls of Carbon Nanoboxes for Efficient Lithium Storage. Angewandte Chemie - International Edition, 2020, 59, 19914-19918.	13.8	177
12	Co₃O₄ Hollow Nanoparticles Embedded in Mesoporous Walls of Carbon Nanoboxes for Efficient Lithium Storage. Angewandte Chemie, 2020, 132, 20086-20090.	2.0	29
13	Ultrafine NiFe clusters anchored on N-doped carbon as bifunctional electrocatalysts for efficient water and urea oxidation. Dalton Transactions, 2020, 49, 13962-13969.	3.3	28
14	Photoimmobilized Ni Clusters Boost Photodehydrogenative Coupling of Amines to Imines via Enhanced Hydrogen Evolution Kinetics. ACS Catalysis, 2020, 10, 3904-3910.	11.2	60
15	Integrating Hydrogen Production with Aqueous Selective Semiâ€Dehydrogenation of Tetrahydroisoquinolines over a Ni₂P Bifunctional Electrode. Angewandte Chemie, 2019, 131, 12142-12145.	2.0	138
16	Integrating Hydrogen Production with Aqueous Selective Semiâ€Dehydrogenation of Tetrahydroisoquinolines over a Ni₂P Bifunctional Electrode. Angewandte Chemie - International Edition, 2019, 58, 12014-12017.	13.8	189
17	Self-Floating Carbonized Tissue Membrane Derived from Commercial Facial Tissue for Highly Efficient Solar Steam Generation. ACS Sustainable Chemistry and Engineering, 2019, 7, 2911-2915.	6.7	76
18	Engineering oxygen-containing and amino groups into two-dimensional atomically-thin porous polymeric carbon nitrogen for enhanced photocatalytic hydrogen production. Energy and Environmental Science, 2018, 11, 566-571.	30.8	304

#	Article	IF	Citations
19	Boosting ethanol electrooxidation via photothermal effect over palladium/reduced graphene oxide. Journal of Materials Chemistry A, 2018, 6, 18426-18429.	10.3	16
20	Boosting Hydrogen Production by Anodic Oxidation of Primary Amines over a NiSe Nanorod Electrode. Angewandte Chemie, 2018, 130, 13347-13350.	2.0	69
21	Boosting Hydrogen Production by Anodic Oxidation of Primary Amines over a NiSe Nanorod Electrode. Angewandte Chemie - International Edition, 2018, 57, 13163-13166.	13.8	312
22	Boosting Photoelectrochemical Water Oxidation Activity and Stability of Mo-Doped BiVO₄ through the Uniform Assembly Coating of NiFeâ€“Phenolic Networks. ACS Energy Letters, 2018, 3, 1648-1654.	17.4	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. Chemical Science, 2017, 8, 2769-2775.	7.4	243
24	Promoting charge carrier utilization by integrating layered double hydroxide nanosheet arrays with porous BiVO4 photoanode for efficient photoelectrochemical water splitting. Science China Materials, 2017, 60, 193-207.	6.3	57
25	Adjusting the electronic structure by Ni incorporation: a generalized in situ electrochemical strategy to enhance water oxidation activity of oxyhydroxides. Journal of Materials Chemistry A, 2017, 5, 13336-13340.	10.3	49
26	Active Cocatalysts for Photocatalytic Hydrogen Evolution Derived from Nickel or Cobalt Amine Complexes. Angewandte Chemie - International Edition, 2017, 56, 14804-14806.	13.8	28
27	Photogenerated Carriers Boost Water Splitting Activity over Transition-Metal/Semiconducting Metal Oxide Bifunctional Electrocatalysts. ACS Catalysis, 2017, 7, 6464-6470.	11.2	62
28	Aktive Cokatalysatoren mit molekularen Nickelâ€•und Cobaltkomplexen fÃ¼r die photokatalytische Wasserstoffentwicklung. Angewandte Chemie, 2017, 129, 14998-15000.	2.0	6
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