

# Weiping Huang

## List of Publications by Year in descending order

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79  
papers

2,052  
citations

279487

23  
h-index

253896

43  
g-index

80  
all docs

80  
docs citations

80  
times ranked

3013  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shape-Controlled Syntheses and Redox Activity Differences of Cu <sub>2</sub> O Particles as an Undergraduate Laboratory Experiment. <i>Journal of Chemical Education</i> , 2022, 99, 1788-1793.	1.1	4
2	Amine-Functionalized Natural Halloysite Nanotubes Supported Metallic (Pd, Au, Ag) Nanoparticles and Their Catalytic Performance for Dehydrogenation of Formic Acid. <i>Nanomaterials</i> , 2022, 12, 2414.	1.9	3
3	Performance of Pt@MoS <sub>2</sub> co-modified 3-dimensional TiO <sub>2</sub> nanoflowers in photocatalytic water splitting reaction. <i>Journal of Sol-Gel Science and Technology</i> , 2021, 98, 517-527.	1.1	3
4	Constructing Co <sub>3</sub> O <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> Ultra-Thin Nanosheets with Z-Scheme Charge Transfer Pathway for Efficient Photocatalytic Water Splitting. <i>Nanomaterials</i> , 2021, 11, 3341.	1.9	5
5	Highly uniform Rh nanoparticles supported on boron doped g-C <sub>3</sub> N <sub>4</sub> as a highly efficient and recyclable catalyst for heterogeneous hydroformylation of alkenes. <i>New Journal of Chemistry</i> , 2020, 44, 20-23.	1.4	19
6	Gold Nanoparticles Supported on Urchin-Like CuO: Synthesis, Characterization, and Their Catalytic Performance for CO Oxidation. <i>Nanomaterials</i> , 2020, 10, 67.	1.9	13
7	Rh Particles Supported on Sulfated g-C <sub>3</sub> N <sub>4</sub> : A Highly Efficient and Recyclable Heterogeneous Catalyst for Alkene Hydroformylation. <i>Catalysts</i> , 2020, 10, 1359.	1.6	11
8	High-Performance, Scalable, and Low-Cost Copper Hydroxyapatite for Photothermal CO <sub>2</sub> Reduction. <i>ACS Catalysis</i> , 2020, 10, 13668-13681.	5.5	55
9	Flower-like hydrogen titanate nanosheets: preparation, characterization and their photocatalytic hydrogen production performance in the presence of Pt cocatalyst. <i>RSC Advances</i> , 2020, 10, 27652-27661.	1.7	8
10	Platinum and Iridium Oxide Co-modified TiO <sub>2</sub> Nanotubes Array Based Photoelectrochemical Sensors for Glutathione. <i>Nanomaterials</i> , 2020, 10, 522.	1.9	16
11	3D Hydrogen Titanate Nanotubes on Ti Foil: A Carrier for Enzymatic Glucose Biosensor. <i>Sensors</i> , 2020, 20, 1024.	2.1	13
12	Fabrication and photocatalytic performance of C, Pt@comodified TiO <sub>2</sub> nanotubes. <i>Micro and Nano Letters</i> , 2020, 15, 1089-1094.	0.6	0
13	Improved Catalytic Performance of Au@Fe <sub>2</sub> O <sub>3</sub> -Like-Worm Catalyst for Low Temperature CO Oxidation. <i>Nanomaterials</i> , 2019, 9, 1118.	1.9	20
14	One-pot synthesis of 3D Cu <sub>2</sub> S@MoS <sub>2</sub> nanocomposites by an ionic liquid-assisted strategy with high photocatalytic activity. <i>New Journal of Chemistry</i> , 2019, 43, 269-276.	1.4	7
15	Preparation and Characterization of Rh/MgSNTs Catalyst for Hydroformylation of Vinyl Acetate: The Rh <sup>0</sup> was Obtained by Calcination. <i>Catalysts</i> , 2019, 9, 215.	1.6	4
16	Alkali and Alkaline Earth Cation-Decorated TiO <sub>2</sub> Nanotube-Supported Rh Catalysts for Vinyl Acetate Hydroformylation. <i>Catalysts</i> , 2019, 9, 194.	1.6	7
17	g-C <sub>3</sub> N <sub>4</sub> supported metal (Pd, Ag, Pt) catalysts for hydrogen-production from formic acid. <i>New Journal of Chemistry</i> , 2018, 42, 9449-9454.	1.4	28
18	Gold nanoparticles supported on LnPO <sub>4</sub> (Ln = La, Ce) nanorods and nanospheroids as high performance catalysts for CO oxidation. <i>Materials Research Bulletin</i> , 2018, 97, 411-420.	2.7	5

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19	TiO <sub>2</sub> @Hydroxyapatite Composite as a New Support of Highly Active and Sintering-Resistant Gold Nanocatalysts for Catalytic Oxidation of CO and Photocatalytic Degradation of Methylene Blue. <i>Catalysis Letters</i> , 2018, 148, 359-373.	1.4	18
20	Promoting Effects of Iron on CO Oxidation over Au/TiO <sub>2</sub> Supported Au Nanoparticles. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 965-970.	1.3	2
21	Enhanced CO catalytic oxidation over an Au@Pt alloy supported on TiO <sub>2</sub> nanotubes: investigation of the hydroxyl and Au/Pt ratio influences. <i>Catalysis Science and Technology</i> , 2018, 8, 6109-6122.	2.1	25
22	Titanate Nanotube-Supported Au@Rh Bimetallic Catalysts: Characterization and Their Catalytic Performances in Hydroformylation of Vinyl Acetate. <i>Catalysts</i> , 2018, 8, 420.	1.6	7
23	Synthesis and Characterization of Rh/B@TNTs as a Recyclable Catalyst for Hydroformylation of Olefin Containing @CN Functional Group. <i>Nanomaterials</i> , 2018, 8, 755.	1.9	5
24	The influence of CePO <sub>4</sub> nanorods on the CO oxidation activity of Au/GdPO <sub>4</sub> -rods. <i>RSC Advances</i> , 2018, 8, 21699-21711.	1.7	4
25	Effect of Ni Addition on the Low Temperature Carbon Monoxide Oxidation over Au/HAP Nanocatalyst. <i>Catalysis Surveys From Asia</i> , 2018, 22, 208-221.	1.0	3
26	Au/M-TiO <sub>2</sub> nanotube catalysts (M=Ce, Ga, Co, Y): preparation, characterization and their catalytic activity for CO oxidation. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 86, 699-710.	1.1	7
27	Boron modified TiO <sub>2</sub> nanotubes supported Rh-nanoparticle catalysts for highly efficient hydroformylation of styrene. <i>New Journal of Chemistry</i> , 2017, 41, 6120-6126.	1.4	16
28	High efficiency and stability of Au@Cu/hydroxyapatite catalyst for the oxidation of carbon monoxide. <i>RSC Advances</i> , 2017, 7, 45420-45431.	1.7	36
29	A comparative study of CO catalytic oxidation on Au/YPO <sub>4</sub> -prisms and Au/YPO <sub>4</sub> -rods. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	0.8	4
30	Flower-Like Au@CuO/Bi <sub>2</sub> WO <sub>6</sub> Microsphere Catalysts: Synthesis, Characterization, and Their Catalytic Performances for CO Oxidation. <i>Catalysts</i> , 2017, 7, 266.	1.6	1
31	Synthesis and CO Oxidation Activity of 1D Mixed Binary Oxide CeO <sub>2</sub> -LaO <sub>x</sub> Supported Gold Catalysts. <i>Nanoscale Research Letters</i> , 2017, 12, 579.	3.1	6
32	Preparation and characterization of mesoporous TiO <sub>2</sub> -sphere-supported Au-nanoparticle catalysts with high activity for CO oxidation at ambient temperature. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	0.8	3
33	Au/BiPO <sub>4</sub> nanorod catalysts: synthesis, characterization and their catalytic performance for CO oxidation. <i>RSC Advances</i> , 2016, 6, 15304-15312.	1.7	20
34	Superhydrophobic Particles Derived from Nature-Inspired Polyphenol Chemistry for Liquid Marble Formation and Oil Spills Treatment. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 676-681.	3.2	62
35	Hydroformylation of 1-octene over nanotubular TiO <sub>2</sub> -supported amorphous Co-B catalysts. <i>Chemical Research in Chinese Universities</i> , 2015, 31, 851-857.	1.3	9
36	Characterization of V <sub>2</sub> O <sub>5</sub> /MoO <sub>3</sub> composite photocatalysts prepared via electrospinning and their photodegradation activity for dimethyl phthalate. <i>Chinese Journal of Catalysis</i> , 2015, 36, 2194-2202.	6.9	36

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37	Promoting effects of lanthanum on the catalytic activity of Au/TiO <sub>2</sub> nanotubes for CO oxidation. RSC Advances, 2015, 5, 11989-11995.	1.7	22
38	CO oxidation over Cu <sub>2</sub> O deposited on 2D continuous lamellar g-C <sub>3</sub> N <sub>4</sub> . New Journal of Chemistry, 2015, 39, 6642-6648.	1.4	34
39	Design, synthesis of uniform Au nanoparticles modified Fe <sub>2</sub> O <sub>3</sub> @TiO <sub>2</sub> coaxial nanotubes and their enhanced thermal stability and photocatalytic activity. New Journal of Chemistry, 2015, 39, 4611-4623.	1.4	19
40	Nanotubular TiO <sub>2</sub> -supported amorphous Co <sup>II</sup> B catalysts and their catalytic performances for hydroformylation of cyclohexene. Catalysis Communications, 2015, 59, 45-49.	1.6	23
41	Synthesis and characterization of TiO <sub>2</sub> nanotube supported Rh-nanoparticle catalysts for regioselective hydroformylation of vinyl acetate. RSC Advances, 2014, 4, 62215-62222.	1.7	20
42	A Heterometallic Copper(II)-Cerium(III) Complex Bridged by Oxydiacetate Ligand: Synthesis, Structure, Spectral, and Magnetic Properties of {[Ce <sub>2</sub> Cu <sub>3</sub> (oda) <sub>6</sub> (H <sub>2</sub> O) <sub>3</sub> ]·4H <sub>2</sub> O} <sub>n</sub> . Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2014, 44, 352-357.	0.6	10
43	Au-functionalized porous ZnO microsheets and their enhanced gas sensing properties. New Journal of Chemistry, 2014, 38, 2530.	1.4	40
44	Au/TiO <sub>2</sub> nanotube catalysts prepared by combining sol-gel method with hydrothermal treatment and their catalytic properties for CO oxidation. Journal of Sol-Gel Science and Technology, 2014, 71, 406-412.	1.1	15
45	Characterization and photocatalytic properties of Ru, C co-modified one-dimensional TiO <sub>2</sub> -based composites prepared via a single precursor approach. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	8
46	Characterization of Pt catalysts supported by three forms of TiO <sub>2</sub> and their catalytic activities for hydrogenation. Reaction Kinetics, Mechanisms and Catalysis, 2013, 108, 117-126.	0.8	7
47	Preparation, characterization and photocatalytic performances of materials based on CS <sub>2</sub> -modified titanate nanotubes. Materials Science-Poland, 2013, 31, 531-542.	0.4	5
48	CuO nanoparticle decorated ZnO nanorod sensor for low-temperature H <sub>2</sub> S detection. Materials Science and Engineering C, 2012, 32, 2079-2085.	3.8	127
49	Synthesis, Structure, and Spectral and Magnetic Properties of a Three-dimensional Cobalt(II)-Neodymium(III) Heterometal-Organic Framework Based on Oxydiacetic Acid. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2011, 66, 1029-1034.	0.3	9
50	Synthesis, characterization of B-doped TiO <sub>2</sub> nanotubes with high photocatalytic activity. Journal of Sol-Gel Science and Technology, 2010, 53, 535-541.	1.1	48
51	The Preparation and Characterization of La Doped TiO <sub>2</sub> Nanotubes and Their Photocatalytic Activity. Journal of Dispersion Science and Technology, 2010, 31, 1311-1316.	1.3	25
52	Iron-coated TiO <sub>2</sub> nanotubes and their photocatalytic performance. Journal of Materials Chemistry, 2010, 20, 603-610.	6.7	26
53	Synthesis, Characterization of Fe-doped TiO <sub>2</sub> Nanotubes with High Photocatalytic Activity. Catalysis Letters, 2009, 129, 513-518.	1.4	138
54	Propane Dehydrogenation Over PtSn Catalysts Supported on ZnO-Modified MgAl <sub>2</sub> O <sub>4</sub> . Catalysis Letters, 2009, 132, 472-479.	1.4	29

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55	Hierarchically Porous ZnO Architectures for Gas Sensor Application. <i>Crystal Growth and Design</i> , 2009, 9, 3532-3537.	1.4	321
56	Preparation, Characterization and Photocatalytic Activities of F-doped TiO <sub>2</sub> Nanotubes. <i>Catalysis Letters</i> , 2008, 121, 165-171.	1.4	61
57	Comparative Study on Catalytic Performances for Low-temperature CO Oxidation of Cu <sup>2+</sup> /Ce <sup>4+</sup> /O and Cu <sup>2+</sup> /Co <sup>3+</sup> /Ce <sup>4+</sup> /O Catalysts. <i>Catalysis Letters</i> , 2008, 124, 405-412.	1.4	25
58	Synthesis, characterization of Cr-doped TiO <sub>2</sub> nanotubes with high photocatalytic activity. <i>Journal of Nanoparticle Research</i> , 2008, 10, 871-875.	0.8	97
59	The synthesis and crystal structures of new 2-aminomethylbenzimidazole Zinc(II) complexes exhibiting luminescence. <i>Transition Metal Chemistry</i> , 2008, 33, 9-15.	0.7	14
60	Synthesis, Characterization, and Photocatalytic Activity of Na <sup>+</sup> Doped TiO <sub>2</sub> Nanotubes. <i>Journal of Dispersion Science and Technology</i> , 2008, 29, 245-249.	1.3	32
61	Synthesis and Characterization of Thermally Stable Nanotubular TiO <sub>2</sub> and Its Photocatalytic Activity. <i>Journal of Physical Chemistry C</i> , 2008, 112, 18772-18775.	1.5	46
62	Influences of the H <sub>2</sub> PtCl <sub>6</sub> Solution's pH on the Photocatalytic Activities of Platinum-Loaded TiO <sub>2</sub> Nanotubes. <i>Journal of Dispersion Science and Technology</i> , 2008, 29, 1408-1411.	1.3	4
63	Preparation and Characterization of Bismuth Doped TiO <sub>2</sub> Thin Films. <i>Journal of Dispersion Science and Technology</i> , 2008, 29, 1471-1475.	1.3	10
64	Selective hydrogenation of furfural to furfuryl alcohol over catalysts prepared via sonochemistry. <i>Ultrasonics Sonochemistry</i> , 2007, 14, 67-74.	3.8	61
65	Preparation of TiO <sub>2</sub> /ZnS core/sheath heterostructure nanotubes via a wet chemical method and their photocatalytic activity. <i>Reaction Kinetics and Catalysis Letters</i> , 2007, 92, 239-246.	0.6	3
66	Synthesis and catalytic performance of gold-loaded TiO <sub>2</sub> nanofibers. <i>Catalysis Letters</i> , 2007, 118, 55-58.	1.4	23
67	Synthesis of metal-doped tio <sub>2</sub> nanotubes and their catalytic performance for low-temperature co oxidation. <i>Reaction Kinetics and Catalysis Letters</i> , 2006, 88, 301-308.	0.6	7
68	Study of CuO/Ce <sub>0.8</sub> Zr <sub>0.2</sub> O <sub>2</sub> catalysts for low-temperature CO oxidation. <i>Reaction Kinetics and Catalysis Letters</i> , 2006, 89, 37-44.	0.6	7
69	Tin Dioxide Supported Nanometric Gold: Synthesis, Characterization, and Lowtemperature Catalytic Oxidation of CO. <i>Catalysis Letters</i> , 2006, 108, 97-102.	1.4	5
70	The preparation of Au/CeO <sub>2</sub> catalysts and their activities for low-temperature CO oxidation. <i>Catalysis Letters</i> , 2006, 112, 115-119.	1.4	23
71	Comparison of CuO/Ce <sub>0.8</sub> Zr <sub>0.2</sub> O <sub>2</sub> and CuO/CeO <sub>2</sub> Catalysts for Low-temperature CO Oxidation. <i>Catalysis Letters</i> , 2005, 105, 163-168.	1.4	76
72	Characterization and CO oxidation catalytic behavior of CuO/CeO <sub>2</sub> catalysts. <i>Reaction Kinetics and Catalysis Letters</i> , 2005, 84, 29-36.	0.6	0

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73	Characterization and CO oxidation behavior of CuO/CeO <sub>2</sub> catalysts. Reaction Kinetics and Catalysis Letters, 2005, 84, 29-36.	0.6	2
74	Preparation and characterization of the Bi-doped TiO <sub>2</sub> photocatalysts. Reaction Kinetics and Catalysis Letters, 2005, 86, 291-298.	0.6	20
75	TiO <sub>2</sub> Supported Nano-Au Catalysts Prepared Via Solvated Metal Atom Impregnation for Low-Temperature CO Oxidation. Catalysis Letters, 2004, 96, 49-55.	1.4	16
76	TiO <sub>2</sub> Supported Nano-Au Catalysts Prepared via Solvated Metal Atom Impregnation for Low-Temperature CO Oxidation. Catalysis Letters, 2004, 97, 17-23.	1.4	13
77	Novel Synthesis of Ordered MCM-41 Titanosilicates with Very High Titanium Content via Ultrasound Radiation. Israel Journal of Chemistry, 2004, 44, 235-241.	1.0	1
78	Title is missing!. Reaction Kinetics and Catalysis Letters, 2003, 78, 49-58.	0.6	5
79	Title is missing!. Catalysis Letters, 2002, 80, 41-46.	1.4	83