

Baolin Zhu

List of Publications by Year in descending order

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48
papers

1,318
citations

430874

18
h-index

345221

36
g-index

48
all docs

48
docs citations

48
times ranked

1945
citing authors

#	ARTICLE	IF	CITATIONS
1	Shape-Controlled Syntheses and Redox Activity Differences of Cu ₂ O Particles as an Undergraduate Laboratory Experiment. <i>Journal of Chemical Education</i> , 2022, 99, 1788-1793.	2.3	4
2	Performance of Pt-MoS ₂ co-modified 3-dimensional TiO ₂ nanoflowers in photocatalytic water splitting reaction. <i>Journal of Sol-Gel Science and Technology</i> , 2021, 98, 517-527.	2.4	3
3	Constructing Co ₃ O ₄ /g-C ₃ N ₄ Ultra-Thin Nanosheets with Z-Scheme Charge Transfer Pathway for Efficient Photocatalytic Water Splitting. <i>Nanomaterials</i> , 2021, 11, 3341.	4.1	5
4	Highly uniform Rh nanoparticles supported on boron doped g-C ₃ N ₄ as a highly efficient and recyclable catalyst for heterogeneous hydroformylation of alkenes. <i>New Journal of Chemistry</i> , 2020, 44, 20-23.	2.8	19
5	Gold Nanoparticles Supported on Urchin-Like CuO: Synthesis, Characterization, and Their Catalytic Performance for CO Oxidation. <i>Nanomaterials</i> , 2020, 10, 67.	4.1	13
6	Rh Particles Supported on Sulfated g-C ₃ N ₄ : A Highly Efficient and Recyclable Heterogeneous Catalyst for Alkene Hydroformylation. <i>Catalysts</i> , 2020, 10, 1359.	3.5	11
7	High-Performance, Scalable, and Low-Cost Copper Hydroxyapatite for Photothermal CO ₂ Reduction. <i>ACS Catalysis</i> , 2020, 10, 13668-13681.	11.2	55
8	Platinum and Iridium Oxide Co-modified TiO ₂ Nanotubes Array Based Photoelectrochemical Sensors for Glutathione. <i>Nanomaterials</i> , 2020, 10, 522.	4.1	16
9	3D Hydrogen Titanate Nanotubes on Ti Foil: A Carrier for Enzymatic Glucose Biosensor. <i>Sensors</i> , 2020, 20, 1024.	3.8	13
10	Fabrication and photocatalytic performance of C, Pt-comodified TiO ₂ nanotubes. <i>Micro and Nano Letters</i> , 2020, 15, 1089-1094.	1.3	0
11	Improved Catalytic Performance of Au/±-Fe ₂ O ₃ -Like-Worm Catalyst for Low Temperature CO Oxidation. <i>Nanomaterials</i> , 2019, 9, 1118.	4.1	20
12	One-pot synthesis of 3D Cu ₂ S-MoS ₂ nanocomposites by an ionic liquid-assisted strategy with high photocatalytic activity. <i>New Journal of Chemistry</i> , 2019, 43, 269-276.	2.8	7
13	Preparation and Characterization of Rh/MgSNTs Catalyst for Hydroformylation of Vinyl Acetate: The Rh ⁰ was Obtained by Calcination. <i>Catalysts</i> , 2019, 9, 215.	3.5	4
14	Alkali and Alkaline Earth Cation-Decorated TiO ₂ Nanotube-Supported Rh Catalysts for Vinyl Acetate Hydroformylation. <i>Catalysts</i> , 2019, 9, 194.	3.5	7
15	g-C ₃ N ₄ supported metal (Pd, Ag, Pt) catalysts for hydrogen-production from formic acid. <i>New Journal of Chemistry</i> , 2018, 42, 9449-9454.	2.8	28
16	TiO ₂ -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.	2.6	18
17	Promoting Effects of Iron on CO Oxidation over Au/TiO ₂ Supported Au Nanoparticles. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 965-970.	2.6	2
18	Titanate Nanotube-Supported Au-Rh Bimetallic Catalysts: Characterization and Their Catalytic Performances in Hydroformylation of Vinyl Acetate. <i>Catalysts</i> , 2018, 8, 420.	3.5	7

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19	Synthesis and Characterization of Rh/Bâ€“TNTs as a Recyclable Catalyst for Hydroformylation of Olefin Containing â€“CN Functional Group. <i>Nanomaterials</i> , 2018, 8, 755.	4.1	5
20	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.	2.6	3
21	Au/M-TiO ₂ 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.	2.4	7
22	Boron modified TiO ₂ nanotubes supported Rh-nanoparticle catalysts for highly efficient hydroformylation of styrene. <i>New Journal of Chemistry</i> , 2017, 41, 6120-6126.	2.8	16
23	High efficiency and stability of Auâ€“Cu/hydroxyapatite catalyst for the oxidation of carbon monoxide. <i>RSC Advances</i> , 2017, 7, 45420-45431.	3.6	36
24	A comparative study of CO catalytic oxidation on Au/YPO ₄ -prisms and Au/YPO ₄ -rods. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	1.9	4
25	Flower-Like Auâ€“CuO/Bi ₂ WO ₆ Microsphere Catalysts: Synthesis, Characterization, and Their Catalytic Performances for CO Oxidation. <i>Catalysts</i> , 2017, 7, 266.	3.5	1
26	Synthesis and CO Oxidation Activity of 1D Mixed Binary Oxide CeO ₂ -LaO _x Supported Gold Catalysts. <i>Nanoscale Research Letters</i> , 2017, 12, 579.	5.7	6
27	Preparation and characterization of mesoporous TiO ₂ -sphere-supported Au-nanoparticle catalysts with high activity for CO oxidation at ambient temperature. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	1.9	3
28	Au/BiPO ₄ nanorod catalysts: synthesis, characterization and their catalytic performance for CO oxidation. <i>RSC Advances</i> , 2016, 6, 15304-15312.	3.6	20
29	Hydroformylation of 1-octene over nanotubular TiO ₂ -supported amorphous Co-B catalysts. <i>Chemical Research in Chinese Universities</i> , 2015, 31, 851-857.	2.6	9
30	CO oxidation over Cu ₂ O deposited on 2D continuous lamellar g-C ₃ N ₄ . <i>New Journal of Chemistry</i> , 2015, 39, 6642-6648.	2.8	34
31	Synthesis and characterization of TiO ₂ nanotube supported Rh-nanoparticle catalysts for regioselective hydroformylation of vinyl acetate. <i>RSC Advances</i> , 2014, 4, 62215-62222.	3.6	20
32	Characterization and photocatalytic properties of Ru, C co-modified one-dimensional TiO ₂ -based composites prepared via a single precursor approach. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	8
33	Characterization of Pt catalysts supported by three forms of TiO ₂ and their catalytic activities for hydrogenation. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2013, 108, 117-126.	1.7	7
34	Preparation, characterization and photocatalytic performances of materials based on CS ₂ -modified titanate nanotubes. <i>Materials Science-Poland</i> , 2013, 31, 531-542.	1.0	5
35	CuO nanoparticle decorated ZnO nanorod sensor for low-temperature H ₂ S detection. <i>Materials Science and Engineering C</i> , 2012, 32, 2079-2085.	7.3	127
36	Synthesis, characterization of B-doped TiO ₂ nanotubes with high photocatalytic activity. <i>Journal of Sol-Gel Science and Technology</i> , 2010, 53, 535-541.	2.4	48

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37	Iron-coated TiO ₂ nanotubes and their photocatalytic performance. Journal of Materials Chemistry, 2010, 20, 603-610.	6.7	26
38	Synthesis, Characterization of Fe-doped TiO ₂ Nanotubes with High Photocatalytic Activity. Catalysis Letters, 2009, 129, 513-518.	2.6	138
39	Hierarchically Porous ZnO Architectures for Gas Sensor Application. Crystal Growth and Design, 2009, 9, 3532-3537.	3.0	321
40	Comparative Study on Catalytic Performances for Low-temperature CO Oxidation of Cuâ€“Ceâ€“O and Cuâ€“Coâ€“Ceâ€“O Catalysts. Catalysis Letters, 2008, 124, 405-412.	2.6	25
41	Synthesis, characterization of Cr-doped TiO ₂ nanotubes with high photocatalytic activity. Journal of Nanoparticle Research, 2008, 10, 871-875.	1.9	97
42	Synthesis, Characterization, and Photocatalytic Activity of Naâ€“Doped TiO ₂ Nanotubes. Journal of Dispersion Science and Technology, 2008, 29, 245-249.	2.4	32
43	Synthesis and Characterization of Thermally Stable Nanotubular TiO ₂ and Its Photocatalytic Activity. Journal of Physical Chemistry C, 2008, 112, 18772-18775.	3.1	46
44	Influences of the H ₂ PtCl ₆ Solution's pH on the Photocatalytic Activities of Platinum-Loaded TiO ₂ Nanotubes. Journal of Dispersion Science and Technology, 2008, 29, 1408-1411.	2.4	4
45	Preparation of TiO ₂ /ZnS core/sheath heterostructure nanotubes via a wet chemical method and their photocatalytic activity. Reaction Kinetics and Catalysis Letters, 2007, 92, 239-246.	0.6	3
46	Synthesis and catalytic performance of gold-loaded TiO ₂ nanofibers. Catalysis Letters, 2007, 118, 55-58.	2.6	23
47	Synthesis of metal-doped tio ₂ nanotubes and their catalytic performance for low-temperature co oxidation. Reaction Kinetics and Catalysis Letters, 2006, 88, 301-308.	0.6	7
48	Tin Dioxide Supported Nanometric Gold: Synthesis, Characterization, and Lowtemperature Catalytic Oxidation of CO. Catalysis Letters, 2006, 108, 97-102.	2.6	5