Huo-Gen Yu

List of Publications by Year
in descending order

163 papers	16,193 citations	14124 69 h-index	18400 124 g-index
164 all docs	164 docs citations	164 times ranked	14069 citing authors

#	Article	IF	Citations
1	CdIn₂S_{4â€‹}_xSe_x Solidâ€Solution Nanocrystal Photocatalyst: Oneâ€Step Hydrothermal Synthesis, Controllable Band Structure, and Improved H₂â€Evolution Activity. Advanced Sustainable Systems, 2023, 7, .	2.7	10
2	Cyano group-enriched crystalline graphitic carbon nitride photocatalyst: Ethyl acetate-induced improved ordered structure and efficient hydrogen-evolution activity. Journal of Colloid and Interface Science, 2022, 608, 1268-1277.	5.0	29
3	Inorganic Metalâ€Oxide Photocatalyst for H₂O₂ Production. Small, 2022, 18, e2104561.	5.2	152
4	Simultaneously Optimizing the Number and Efficiency of Active Se Sites in Seâ€Rich aâ€MoSe_x Nanodot Cocatalysts for Efficient Photocatalytic H₂ Evolution. Solar Rrl, 2022, 6, .	3.1	14
5	Optimizing Atomic Hydrogen Desorption of Sulfurâ€Rich NiS₁₊_x Cocatalyst for Boosting Photocatalytic H₂ Evolution. Advanced Materials, 2022, 34, e2108475.	11.1	156
6	Unsaturated selenium-enriched MoSe2+ amorphous nanoclusters: One-step photoinduced co-reduction route and its boosted photocatalytic H2-evolution activity for TiO2. Applied Catalysis B: Environmental, 2022, 305, 121053.	10.8	53
7	Emerging Sâ€Scheme Photocatalyst. Advanced Materials, 2022, 34, e2107668.	11.1	717
8	In situ sulfuration synthesis of heterostructure MoS₂â€“Mo₂C@C for boosting the photocatalytic H₂ production activity of TiO₂. Journal of Materials Chemistry C, 2022, 10, 3121-3128.	2.7	25
9	Palladium-copper nanodot as novel H2-evolution cocatalyst: Optimizing interfacial hydrogen desorption for highly efficient photocatalytic activity. Chinese Journal of Catalysis, 2022, 43, 215-225.	6.9	39
10	A one-step solvothermal synthesis of the topological insulator Bi₂Te₃ nanorod-modified TiO₂ photocatalyst for enhanced H₂-evolution activity. Journal of Materials Chemistry C, 2022, 10, 6402-6410.	2.7	15
11	Increasing unsaturated Se number and facilitating atomic hydrogen adsorption of WSe_{2+x} nanodots for improving photocatalytic H₂ production of TiO₂. Journal of Materials Chemistry A, 2022, 10, 7989-7998.	5.2	30
12	Novel core-shell Ag@AgSe nanoparticle co-catalyst: In situ surface selenization for efficient photocatalytic H2 production of TiO2. Chinese Journal of Catalysis, 2022, 43, 1074-1083.	6.9	30
13	Phosphorus-enriched platinum diphosphide nanodots as a highly efficient cocatalyst for photocatalytic H2 evolution of CdS. Chemical Engineering Journal, 2022, 439, 135758.	6.6	79
14	Photoinduced self-stability mechanism of CdS photocatalyst: The dependence of photocorrosion and H2-evolution performance. Journal of Materials Science and Technology, 2022, 121, 19-27.	5.6	78
15	Mass-transfer control for selective deposition of well-dispersed AuPd cocatalysts to boost photocatalytic H2O2 production of BiVO4. Chemical Engineering Journal, 2022, 443, 136429.	6.6	26
16	Electron-enriched regulation of sulfur-active site for accelerating atomic hydrogen desorption of S-rich MoWS2+ cocatalyst toward efficient photocatalytic H2 evolution of TiO2. Chemical Engineering Journal, 2022, 449, 137803.	6.6	17
17	Dispersible CdS1â^'Se solid-solution nanocrystal photocatalysts: Photoinduced self-transformation synthesis and enhanced hydrogen-evolution activity. Journal of Colloid and Interface Science, 2022, 627, 320-331.	5.0	5
18	Sulfur-mediated photodeposition synthesis of NiS cocatalyst for boosting H2-evolution performance of g-C3N4 photocatalyst. Chinese Journal of Catalysis, 2021, 42, 37-45.	6.9	141

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19	Ultra-small molybdenum sulfide nanodot-coupled graphitic carbon nitride nanosheets: Trifunctional ammonium tetrathiomolybdate-assisted synthesis and high photocatalytic hydrogen evolution. Journal of Colloid and Interface Science, 2021, 586, 719-729.	5.0	30
20	Selenium-enriched amorphous NiSe1+ nanoclusters as a highly efficient cocatalyst for photocatalytic H2 evolution. Chemical Engineering Journal, 2021, 408, 127230.	6.6	60
21	Photoinduced synthesis of ultrasmall amorphous NiWSx nanodots for boosting photocatalytic H2-evolution activity of TiO2. Journal of Physics and Chemistry of Solids, 2021, 149, 109796.	1.9	10
22	Covalently functionalized graphene by thiourea for enhancing H2-evolution performance of TiO2 photocatalyst. Ceramics International, 2021, 47, 654-661.	2.3	23
23	Hetero-phase MoC-Mo2C nanoparticles for enhanced photocatalytic H2-production activity of TiO2. Nano Research, 2021, 14, 1095-1102.	5.8	57
24	Simultaneous realization of sulfur-rich surface and amorphous nanocluster of NiS1+ cocatalyst for efficient photocatalytic H2 evolution. Applied Catalysis B: Environmental, 2021, 280, 119455.	10.8	105
25	Oneâ€Step Realization of Crystallization and Cyanoâ€Group Generation for gâ€C₃N₄ Photocatalysts with Improved H₂ Production. Solar Rrl, 2021, 5, 2000372.	3.1	91
26	Hydroxyl-enriched highly crystalline TiO₂ suspensible photocatalyst: facile synthesis and superior H₂-generation activity. Chemical Communications, 2021, 57, 2025-2028.	2.2	15
27	Highly dispersed MoS_x nanodot-modified TiO₂ photocatalysts: vitamin C-mediated synthesis and improved H₂ evolution activity. Journal of Materials Chemistry C, 2021, 9, 3239-3246.	2.7	27
28	One-step calcination synthesis of WCâ€“Mo₂C heterojunction nanoparticles as novel H₂-production cocatalysts for enhanced photocatalytic activity of TiO₂. Catalysis Science and Technology, 2021, 11, 7307-7315.	2.1	19
29	Design, Fabrication, and Mechanism of Nitrogenâ€Doped Grapheneâ€Based Photocatalyst. Advanced Materials, 2021, 33, e2003521.	11.1	324
30	In Situ Synthesis of Mo₂C Nanoparticles on Graphene Nanosheets for Enhanced Photocatalytic H₂-Production Activity of TiO₂. ACS Sustainable Chemistry and Engineering, 2021, 9, 3828-3837.	3.2	56
31	Simultaneous realization of direct photodeposition and high H2-production activity of amorphous cobalt sulfide nanodot-modified rGO/TiO2 photocatalyst. Rare Metals, 2021, 40, 3125-3134.	3.6	49
32	Selenium-Rich Configuration and Amorphization for Synergistically Maximizing the Active-Center Amount of CoSe_{1+x} Nanodots toward Efficient Photocatalytic H₂ Evolution. ACS Sustainable Chemistry and Engineering, 2021, 9, 8653-8662.	3.2	22
33	Amino group-rich porous g-C3N4 nanosheet photocatalyst: Facile oxalic acid-induced synthesis and improved H2-evolution activity. Ceramics International, 2021, 47, 18295-18303.	2.3	34
34	Synergism of tellurium-rich structure and amorphization of NiTe1+ nanodots for efficient photocatalytic H2-evolution of TiO2. Applied Catalysis B: Environmental, 2021, 290, 120057.	10.8	42
35	Fewâ€Layered Mo_xW_{1â^’x}S₂â€Modified CdS Photocatalyst: Oneâ€Step Synthesis with Bifunctional Precursors and Improved H₂â€Evolution Activity. Solar Rrl, 2021, 5, 2100387.	3.1	19
36	Novel amorphous NiCuS H2-evolution cocatalyst: Optimizing surface hydrogen desorption for efficient photocatalytic activity. Chemical Engineering Journal, 2021, 419, 129652.	6.6	76

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37	Selective modification of ultra-thin g-C3N4 nanosheets on the (110) facet of Au/BiVO4 for boosting photocatalytic H2O2 production. Applied Catalysis B: Environmental, 2021, 297, 120414.	10.8	63
38	EDTA-assisted synthesis of amorphous BiS nanodots for improving photocatalytic hydrogen-evolution rate of TiO2. Journal of Alloys and Compounds, 2021, 887, 161425.	2.8	21
39	Photocatalytic H₂ Evolution Coupled with Furfuralcohol Oxidation over Ptâ€Modified ZnCdS Solid Solution. Small Methods, 2021, 5, e2100979.	4.6	79
40	BiVO₄ Microparticles Decorated with Cu@Au Core-Shell Nanostructures for Photocatalytic H₂O₂ Production. ACS Applied Nano Materials, 2021, 4, 13158-13166.	2.4	21
41	Core-shell Ag@Ni cocatalyst on the TiO2 photocatalyst: One-step photoinduced deposition and its improved H2-evolution activity. Applied Catalysis B: Environmental, 2020, 260, 118190.	10.8	171
42	Boosting antiphotocorrosion and hydrogen-production activity of cadmium sulfide by cobalt lactate complex. Applied Surface Science, 2020, 512, 144786.	3.1	16
43	Homojunction CdS Photocatalysts with a Massive S^{2â€“}-Adsorbed Surface Phase: One-Step Facile Synthesis and High H₂-Evolution Performance. ACS Sustainable Chemistry and Engineering, 2020, 8, 543-551.	3.2	58
44	Edge-selectively amidated graphene for boosting H2-evolution activity of TiO2 photocatalyst. Applied Catalysis B: Environmental, 2020, 264, 118504.	10.8	61
45	Triethanolamine-assisted photodeposition of non-crystalline Cu_xP nanodots for boosting photocatalytic H₂ evolution of TiO₂. Journal of Materials Chemistry C, 2020, 8, 15816-15822.	2.7	31
46	Colloidal CdS and CdZnS nanocrystal photocatalysts with massive S^{2â˜'}-adsorption: one-step facile synthesis and highly efficient H₂-evolution performance. Chemical Communications, 2020, 56, 9316-9319.	2.2	47
47	Boosting the H2-evolution performance of TiO2/Au photocatalyst by the facile addition of thiourea molecules. Applied Surface Science, 2020, 532, 147420.	3.1	21
48	Highly efficient S2â˜'-adsorbed MoS -modified TiO2 photocatalysts: A general grafting strategy and boosted interfacial charge transfer. Journal of Materials Science and Technology, 2020, 56, 122-132.	5.6	58
49	Plasmonic Z-scheme Pt-Au/BiVO4 photocatalyst: Synergistic effect of crystal-facet engineering and selective loading of Pt-Au cocatalyst for improved photocatalytic performance. Journal of Colloid and Interface Science, 2020, 570, 232-241.	5.0	51
50	Carbon-coated cubic-phase molybdenum carbide nanoparticle for enhanced photocatalytic H2-evolution performance of TiO2. Journal of Energy Chemistry, 2020, 51, 253-261.	7.1	44
51	Porous crystalline g-C3N4: Bifunctional NaHCO3 template-mediated synthesis and improved photocatalytic H2-evolution rate. Applied Catalysis B: Environmental, 2020, 271, 118899.	10.8	134
52	Triethanolamine-mediated photodeposition formation of amorphous Ni-P alloy for improved H2-evolution activity of g-C3N4. Science China Materials, 2020, 63, 2215-2227.	3.5	53
53	Carboxyl-Functionalized Graphene for Highly Efficient H₂-Evolution Activity of TiO₂ Photocatalyst. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2020, .	2.2	23
54	Self-templated formation of AgCl/TiO2 hollow octahedra for improved visible-light photocatalytic activity. Applied Surface Science, 2019, 494, 740-748.	3.1	17

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55	Silver-melamine nanowire-assisted synthesis of net-like AgCl-Ag/g-C3N4 for highly efficient photocatalytic degradation ability. Journal of Alloys and Compounds, 2019, 806, 263-271.	2.8	28
56	NH4Cl-induced low-temperature formation of nitrogen-rich g-C3N4 nanosheets with improved photocatalytic hydrogen evolution. Carbon, 2019, 153, 757-766.	5.4	132
57	Soluble g-C3N4 nanosheets: Facile synthesis and application in photocatalytic hydrogen evolution. Applied Catalysis B: Environmental, 2019, 247, 70-77.	10.8	217
58	Improved H2-generation performance of Pt/CdS photocatalyst by a dual-function TiO2 mediator for effective electron transfer and hole blocking. Ceramics International, 2019, 45, 9807-9813.	2.3	53
59	Ethyl acetate-induced formation of amorphous MoSx nanoclusters for improved H2-evolution activity of TiO2 photocatalyst. Chemical Engineering Journal, 2019, 375, 121934.	6.6	81
60	Efficient etching of oxygen-incorporated molybdenum disulfide nanosheet arrays for excellent electrocatalytic hydrogen evolution. Applied Surface Science, 2019, 491, 245-255.	3.1	22
61	Simultaneous Realization of Direct Photoinduced Deposition and Improved H₂-Evolution Performance of Sn-Nanoparticle-Modified TiO₂ Photocatalyst. ACS Sustainable Chemistry and Engineering, 2019, 7, 10084-10094.	3.2	81
62	High-yield lactic acid-mediated route for a g-C₃N₄ nanosheet photocatalyst with enhanced H₂-evolution performance. Nanoscale, 2019, 11, 9608-9616.	2.8	107
63	Ni nanoparticles as electron-transfer mediators and NiS as interfacial active sites for coordinative enhancement of H2-evolution performance of TiO2. Chinese Journal of Catalysis, 2019, 40, 343-351.	6.9	109
64	Highly efficient BiVO₄ single-crystal photocatalyst with selective Ag₂O-Ag modification: orientation transport, rapid interfacial transfer and catalytic reaction. Dalton Transactions, 2018, 47, 6370-6377.	1.6	56
65	Facile synthesis and improved photocatalytic performance of Ag-AgCl photocatalyst by loading basic zinc carbonate. Journal of Alloys and Compounds, 2018, 752, 238-246.	2.8	24
66	Suspensible Cubic-Phase CdS Nanocrystal Photocatalyst: Facile Synthesis and Highly Efficient H₂-Evolution Performance in a Sulfur-Rich System. ACS Sustainable Chemistry and Engineering, 2018, 6, 5513-5523.	3.2	110
67	In situ photodeposition of amorphous CoS x on the TiO 2 towards hydrogen evolution. Applied Surface Science, 2018, 430, 448-456.	3.1	70
68	Synergistic effect of electron-transfer mediator and interfacial catalytic active-site for the enhanced H2-evolution performance: A case study of CdS-Au photocatalyst. Applied Catalysis B: Environmental, 2018, 220, 561-569.	10.8	160
69	Promoting the interfacial H2-evolution reaction of metallic Ag by Ag2S cocatalyst: A case study of TiO2/Ag-Ag2S photocatalyst. Applied Catalysis B: Environmental, 2018, 225, 415-423.	10.8	164
70	Highly efficient dual cocatalyst-modified TiO 2 photocatalyst: RGO as electron-transfer mediator and MoS x as H 2 -evolution active site. Applied Surface Science, 2018, 430, 176-183.	3.1	61
71	In situ one-step hydrothermal synthesis of oxygen-containing groups-modified g-C3N4 for the improved photocatalytic H2-evolution performance. Applied Surface Science, 2018, 427, 645-653.	3.1	189
72	One-step facile synthesis and high H₂-evolution activity of suspensible Cd_xZn_{1â^'x}S nanocrystal photocatalysts in a S^{2â^'}/SO₃^{2â^'} system. Nanoscale, 2018, 10, 19418-19426.	2.8	64

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73	In-situ synthesis of amorphous H2TiO3-modified TiO2 and its improved photocatalytic H2-evolution performance. Journal of Colloid and Interface Science, 2018, 532, 272-279.	5.0	24
74	Direct Photoinduced Synthesis of Amorphous CoMoS_x Cocatalyst and Its Improved Photocatalytic H₂-Evolution Activity of CdS. ACS Sustainable Chemistry and Engineering, 2018, 6, 12436-12445.	3.2	86
75	Direct photoinduced synthesis and high H2-evolution performance of Bi-modified TiO2 photocatalyst in a Bi(III)-EG complex system. Applied Surface Science, 2018, 462, 623-632.	3.1	43
76	A facile hydrothermal synthesis of carbon dots modified g-C₃N₄ for enhanced photocatalytic H₂-evolution performance. Dalton Transactions, 2017, 46, 6417-6424.	1.6	142
77	Ag-Modified BiOCl Single-Crystal Nanosheets: Dependence of Photocatalytic Performance on the Region-Selective Deposition of Ag Nanoparticles. Journal of Physical Chemistry C, 2017, 121, 13191-13201.	1.5	106
78	Synergistic effect of CoPi-hole and Cu(<scp>ii</scp>)-electron cocatalysts for enhanced photocatalytic activity and photoinduced stability of Ag₃PO₄. Physical Chemistry Chemical Physics, 2017, 19, 10309-10316.	1.3	33
79	Facile synthesis and enhanced photocatalytic H 2 -evolution performance of NiS 2 -modified g-C 3 N 4 photocatalysts. Chinese Journal of Catalysis, 2017, 38, 296-304.	6.9	153
80	Iceâ€“Water Quenching Induced Ti³⁺ Self-doped TiO₂ with Surface Lattice Distortion and the Increased Photocatalytic Activity. Journal of Physical Chemistry C, 2017, 121, 19836-19848.	1.5	69
81	Co-modification of amorphous-Ti(IV) hole cocatalyst and Ni(OH) 2 electron cocatalyst for enhanced photocatalytic H 2 -production performance of TiO 2. Applied Surface Science, 2017, 391, 259-266.	3.1	97
82	Selective adsorption of thiocyanate anions on Ag-modified g-C3N4 for enhanced photocatalytic hydrogen evolution. Chinese Journal of Catalysis, 2017, 38, 1990-1998.	6.9	120
83	Amorphous Ti(<scp>iv</scp>)-modified Bi₂WO₆ with enhanced photocatalytic performance. RSC Advances, 2016, 6, 65902-65910.	1.7	22
84	Amorphous molybdenum sulfide as highly efficient electron-cocatalyst for enhanced photocatalytic H2 evolution. Applied Catalysis B: Environmental, 2016, 193, 217-225.	10.8	223
85	Highly efficient TiO₂ single-crystal photocatalyst with spatially separated Ag and F^{â˜} bi-cocatalysts: orientation transfer of photogenerated charges and their rapid interfacial reaction. Journal of Materials Chemistry A, 2016, 4, 8682-8689.	5.2	148
86	Synchronous synthesis/modification of multifunctional hollow silica nanospheres through selective etching and application in catalysis. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 509, 648-655.	2.3	4
87	In situ hydrothermal synthesis and enhanced photocatalytic H 2 -evolution performance of suspended rGO/g-C 3 N 4 photocatalysts. Journal of Molecular Catalysis A, 2016, 424, 369-376.	4.8	47
88	Phenylamine-Functionalized rGO/TiO₂ Photocatalysts: Spatially Separated Adsorption Sites and Tunable Photocatalytic Selectivity. ACS Applied Materials & Interfaces, 2016, 8, 29470-29477.	4.0	122
89	Enhanced photocatalytic activity and photoinduced stability of Ag-based photocatalysts: The synergistic action of amorphous-Ti(IV) and Fe(III) cocatalysts. Applied Catalysis B: Environmental, 2016, 187, 163-170.	10.8	109
90	Visible-Light-Sensitive Photocatalysts: Nanocluster-Grafted Titanium Dioxide for Indoor Environmental Remediation. Journal of Physical Chemistry Letters, 2016, 7, 75-84.	2.1	138

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91	Hierarchically macroâ€“mesoporous TiO2 film via self-assembled strategy for enhanced efficiency of dye sensitized solar cells. Materials Research Bulletin, 2016, 74, 380-386.	2.7	21
92	Enhanced Photoinduced-Stability and Photocatalytic Activity of CdS by Dual Amorphous Cocatalysts: Synergistic Effect of Ti(IV)-Hole Cocatalyst and Ni(II)-Electron Cocatalyst. Journal of Physical Chemistry C, 2016, 120, 3722-3730.	1.5	195
93	A novel functional group difference-based selective etching strategy for the synthesis of hollow organic silica nanospheres. RSC Advances, 2016, 6, 26914-26920.	1.7	3
94	Selective basic etching of bifunctional coreâ€“shell composite particles for the fabrication of organic functionalized hollow mesoporous silica nanospheres. New Journal of Chemistry, 2016, 40, 825-831.	1.4	11
95	The synergistic effect of graphitic N and pyrrolic N for the enhanced photocatalytic performance of nitrogen-doped graphene/TiO2 nanocomposites. Applied Catalysis B: Environmental, 2016, 181, 810-817.	10.8	287
96	Synergistic Effect of Dual Electron-Cocatalysts for Enhanced Photocatalytic Activity: rGO as Electron-Transfer Mediator and Fe(III) as Oxygen-Reduction Active Site. Scientific Reports, 2015, 5, 13083.	1.6	43
97	Co-modification of Fâ˜† and Fe(III) ions as a facile strategy towards effective separation of photogenerated electrons and holes. Applied Surface Science, 2015, 351, 66-73.	3.1	26
98	Facile template-induced synthesis of Ag-modified TiO2 hollow octahedra with high photocatalytic activity. Chinese Journal of Catalysis, 2015, 36, 1211-2218.	6.9	46
99	Graphene oxide nanosheets as an effective template for the synthesis of porous TiO2 film in dye-sensitized solar cells. Applied Surface Science, 2015, 358, 175-180.	3.1	35
100	Facile synthesis of porous Bi₂WO₆ nanosheets with high photocatalytic performance. Dalton Transactions, 2015, 44, 14532-14539.	1.6	50
101	In situ self-transformation synthesis of g-C3N4-modified CdS heterostructure with enhanced photocatalytic activity. Applied Surface Science, 2015, 358, 385-392.	3.1	156
102	Facile preparation of photocatalytic exposed aggregate concrete with highly efficient and stable catalytic performance. Chemical Engineering Journal, 2015, 264, 577-586.	6.6	37
103	AgI-BiOI Spherical Solid Solutions with Enhanced Visible-Light Photocatalytic Performances. Current Nanoscience, 2015, 11, 453-461.	0.7	4
104	Cu₂O-rGO-CuO Composite: An Effective Z-scheme Visible-Light Photocatalyst. Current Nanoscience, 2015, 11, 462-469.	0.7	11
105	Nanosized Photocatalytic Materials 2013. Journal of Nanomaterials, 2014, 2014, 1-2.	1.5	0
106	Greatly enhanced photocatalytic activity of TiO2â˜†xNx by a simple surface modification of Fe(III) cocatalyst. Journal of Molecular Catalysis A, 2014, 391, 92-98.	4.8	34
107	Enhanced photoinduced stability and photocatalytic activity of AgBr photocatalyst by surface modification of Fe(III) cocatalyst. Applied Catalysis B: Environmental, 2014, 144, 75-82.	10.8	130
108	Joint optimal sensing time and power allocation for multi-channel cognitive radio networks considering sensing-channel selection. Science China Information Sciences, 2014, 57, 1-8.	2.7	8

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109	Cocatalyst modification and nanonization of Ag/AgCl photocatalyst with enhanced photocatalytic performance. Journal of Molecular Catalysis A, 2014, 381, 114-119.	4.8	38
110	Enhanced photocatalytic performance of Ag3PO4 by simutaneous loading of Ag nanoparticles and Fe(III) cocatalyst. Applied Catalysis B: Environmental, 2014, 160-161, 658-665.	10.8	110
111	Improved high-rate performance and cycling stability of 1D LiFePO4 nanorods by a facile annealing process. Journal Wuhan University of Technology, Materials Science Edition, 2014, 29, 656-659.	0.4	2
112	Cu(II) as a General Cocatalyst for Improved Visible-Light Photocatalytic Performance of Photosensitive Ag-Based Compounds. Journal of Physical Chemistry C, 2014, 118, 8891-8898.	1.5	65
113	Dependence of metallic Ag on the photocatalytic activity and photoinduced stability of Ag/AgCl photocatalyst. Applied Surface Science, 2014, 319, 324-331.	3.1	47
114	Facile synthesis and enhanced visible-light photocatalytic activity of Ag2S nanocrystal-sensitized Ag8W4O16 nanorods. Journal of Colloid and Interface Science, 2014, 422, 30-37.	5.0	35
115	Dye-Sensitization-Induced Visible-Light Reduction of Graphene Oxide for the Enhanced TiO₂ Photocatalytic Performance. ACS Applied Materials & Interfaces, 2013, 5, 2924-2929.	4.0	139
116	Facile Fabrication and Enhanced Photocatalytic Performance of Ag/AgCl/rGO Heterostructure Photocatalyst. ACS Applied Materials & Interfaces, 2013, 5, 2161-2168.	4.0	164
117	One-step synthesis of easy-recycling TiO2-rGO nanocomposite photocatalysts with enhanced photocatalytic activity. Applied Catalysis B: Environmental, 2013, 132-133, 452-459.	10.8	396
118	Hierarchically porous metastable Î²-Ag₂WO₄hollow nanospheres: controlled synthesis and high photocatalytic activity. Nanotechnology, 2013, 24, 165602.	1.3	72
119	Environmental Photocatalysis 2013. International Journal of Photoenergy, 2013, 2013, 1-3.	1.4	4
120	Enhancement of Visible-Light Photocatalytic Activity of Mesoporous Au-TiO₂Nanocomposites by Surface Plasmon Resonance. International Journal of Photoenergy, 2012, 2012, 1-10.	1.4	28
121	Facile Preparation and Photoinduced Superhydrophilicity of Highly Ordered Sodium-Free Titanate Nanotube Films by Electrophoretic Deposition. International Journal of Photoenergy, 2012, 2012, 1-6.	1.4	4
122	One-Pot Template-Free Hydrothermal Synthesis of Monoclinic Hollow Microspheres and Their Enhanced Visible-Light Photocatalytic Activity. International Journal of Photoenergy, 2012, 2012, 1-10.	1.4	17
123	Environmental Photocatalysis. International Journal of Photoenergy, 2012, 2012, 1-4.	1.4	5
124	UV- and Visible-Light Photocatalytic Activity of Simultaneously Deposited and Doped Ag/Ag(I)-TiO₂ Photocatalyst. Journal of Physical Chemistry C, 2012, 116, 17721-17728.	1.5	233
125	Synthesis, Characterization, Properties, and Applications of Nanosized Photocatalytic Materials. Journal of Nanomaterials, 2012, 2012, 1-3.	1.5	12
126	The dependence of photocatalytic activity and photoinduced self-stability of photosensitive AgI nanoparticles. Dalton Transactions, 2012, 41, 10405.	1.6	87

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127	Self-assembled synthesis of porous TiO2 film on the electrophoretic-deposited titanate nanoribbon film. Journal Wuhan University of Technology, Materials Science Edition, 2012, 27, 203-206.	0.4	0
128	Selective-adsorption removal of methyl orange(MO) by CTAB-assisted AgBr powder. Journal Wuhan University of Technology, Materials Science Edition, 2012, 27, 675-678.	0.4	3
129	Enhanced visible-light photocatalytic activity of Bi2WO6 nanoparticles by Ag2O cocatalyst. Applied Catalysis B: Environmental, 2012, 111-112, 326-333.	10.8	259
130	One-pot pyridine-assisted synthesis of visible-light-driven photocatalyst Ag/Ag3PO4. Applied Catalysis B: Environmental, 2012, 115-116, 245-252.	10.8	218
131	H₂WO₄Â·H₂O/Ag/AgCl Composite Nanoplates: A Plasmonic Z-Scheme Visible-Light Photocatalyst. Journal of Physical Chemistry C, 2011, 115, 14648-14655.	1.5	255
132	Ag₂O as a New Visibleâ€Light Photocatalyst: Selfâ€Stability and High Photocatalytic Activity. Chemistry - A European Journal, 2011, 17, 7777-7780.	1.7	423
133	In situ anion-exchange synthesis and photocatalytic activity of Ag8W4O16/AgCl-nanoparticle coreâ€“shell nanorods. Journal of Molecular Catalysis A, 2011, 334, 52-59.	4.8	80
134	Low-temperature hydrothermal synthesis of highly photoactive mesoporous spherical TiO2 nanocrystalline. Journal of Physics and Chemistry of Solids, 2010, 71, 507-510.	1.9	20
135	Fabrication of Ru(bpy)32+-titanate nanotube nanocomposite and its application as sensitive solid-state electrochemiluminescence sensor material. Journal of Physics and Chemistry of Solids, 2010, 71, 527-529.	1.9	9
136	Conduction Band Energy Level Control of Titanium Dioxide: Toward an Efficient Visible-Light-Sensitive Photocatalyst. Journal of the American Chemical Society, 2010, 132, 6898-6899.	6.6	282
137	Visible-Light-Driven Cu(II)â^'(Sr_{1â^'y}Na_y)(Ti_{1â^'x}Mo_x)O₃ Photocatalysts Based on Conduction Band Control and Surface Ion Modification. Journal of the American Chemical Society, 2010, 132, 15259-15267.	6.6	197
138	An Efficient Visible-Light-Sensitive Fe(III)-Grafted TiO₂ Photocatalyst. Journal of Physical Chemistry C, 2010, 114, 16481-16487.	1.5	344
139	Effects of urea on the microstructure and photocatalytic activity of bimodal mesoporous titania microspheres. Journal of Molecular Catalysis A, 2009, 313, 107-113.	4.8	28
140	Spontaneous Formation of a Tungsten Trioxide Sphereâ€inâ€Shell Superstructure by Chemically Induced Selfâ€Transformation. Small, 2008, 4, 87-91.	5.2	176
141	A One-Pot Approach to Hierarchically Nanoporous Titania Hollow Microspheres with High Photocatalytic Activity. Crystal Growth and Design, 2008, 8, 930-934.	1.4	244
142	Novel preparation and photocatalytic activity of one-dimensional TiO2hollow structures. Nanotechnology, 2007, 18, 065604.	1.3	56
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