

Shujuan Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

667
citations

687363

13
h-index

552781

26
g-index

30
all docs

30
docs citations

30
times ranked

943
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature-controlled ultra-high hydrogen evolution photocatalytic activity of cadmium sulfide without cocatalysts. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 366-377.	9.4	5
2	Study on Performance and Mechanism of the Ball-Milling-Driven Piezoelectrochemical Effect on Catalytic Oxidation of Toluene in the Air Condition. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 5129-5137.	6.7	7
3	High-performance hydrogen evolution of NiB/ZnCdS under visible light irradiation. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 8234-8242.	7.1	36
4	The experimental study on temperature-regulated hydrogen production photocatalytic activity of Zn _{0.5} Cd _{0.5} S in absence of cocatalyst. <i>Applied Catalysis A: General</i> , 2020, 599, 117587.	4.3	1
5	WO ₃ cocatalyst improves hydrogen evolution capacity of ZnCdS under visible light irradiation. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 16327-16335.	7.1	48
6	Synthesis of Pd ₇ P ₃ /CdS with high hydrogen production activity in water splitting and enhancement mechanism under visible light radiation. <i>Materials Chemistry and Physics</i> , 2019, 229, 286-293.	4.0	4
7	Preparation of BiF ₃ /BiOBr heterojunctions from microwave-assisted method and photocatalytic performances. <i>Journal of Hazardous Materials</i> , 2019, 367, 304-315.	12.4	58
8	A novel route for synthesis of NiCoP/SiO ₂ hydrodesulfurization catalysts with active S species. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4306.	3.5	0
9	Preparation of high-activity AgBr/Ag ₃ PO ₄ photocatalyst based on hexadecyltrimethylammonium bromide and mechanism of photocatalytic enhancement. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4209.	3.5	8
10	Synthesis of AgCl/Ag ₃ PO ₄ Composite Photocatalysts and Study on Photodegradation Activity Based on a Continuous Reactor. <i>Photochemistry and Photobiology</i> , 2018, 94, 484-490.	2.5	9
11	CNT/g-C ₃ N ₄ photocatalysts with enhanced hydrogen evolution ability for water splitting based on a noncovalent interaction. <i>International Journal of Energy Research</i> , 2018, 42, 1649-1656.	4.5	38
12	A novel cocatalyst of NiCoP significantly enhances visible-light photocatalytic hydrogen evolution over cadmium sulfide. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 61, 197-205.	5.8	25
13	Synthesis and characterization of Sb ³⁺ -doped Ag/AgCl with enhanced visible-light photocatalytic activity. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 7668-7674.	2.2	2
14	RuP ₂ /CdS photocatalysts for enhanced hydrogen evolution in water spitting and mechanism of enhancement. <i>Powder Technology</i> , 2018, 339, 479-486.	4.2	11
15	Enhanced photocatalytic activity of Ag ₃ PO ₄ via Fullerene C ₆₀ modification. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4472.	3.5	1
16	A novel Ni ²⁺ -doped Ag ₃ PO ₄ photocatalyst with high photocatalytic activity and enhancement mechanism. <i>Materials Chemistry and Physics</i> , 2017, 186, 271-279.	4.0	26
17	Synthesis of novel Cd ₂ P ₂ O ₇ /Ag ₃ PO ₄ photocatalyst with enhanced visible-light photocatalytic performance and the enhancement mechanism. <i>Ceramics International</i> , 2017, 43, 2076-2082.	4.8	2
18	A novel F-doped BiOCl photocatalyst with enhanced photocatalytic performance. <i>Materials Chemistry and Physics</i> , 2016, 173, 298-308.	4.0	40

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19	Synthesis and characterization of Ag/AgBrO ₃ photocatalyst with high photocatalytic activity. <i>Materials Chemistry and Physics</i> , 2016, 182, 119-124.	4.0	11
20	Super-high photocatalytic activity, stability and improved photocatalytic mechanism of monodisperse AgBr doped with In. <i>Journal of Hazardous Materials</i> , 2015, 299, 570-576.	12.4	9
21	Co(II)-grafted Ag ₃ PO ₄ photocatalysts with unexpected photocatalytic ability: Enhanced photogenerated charge separation efficiency, photocatalytic mechanism and activity. <i>Journal of Hazardous Materials</i> , 2015, 293, 72-80.	12.4	27
22	Preparation of novel BiOBr/CeO ₂ heterostructured photocatalysts and their enhanced photocatalytic activity. <i>RSC Advances</i> , 2015, 5, 93032-93040.	3.6	23
23	Synthesis of supported bimetal phosphide catalysts based on red phosphor and hydrodesulfurization property. <i>Vacuum</i> , 2015, 112, 12-16.	3.5	10
24	A novel synthesis of Ni ₂ P catalysts by reducing nickel sulfide at low temperature. <i>Vacuum</i> , 2015, 111, 68-72.	3.5	5
25	Super-high activity of Bi ³⁺ doped Ag ₃ PO ₄ and enhanced photocatalytic mechanism. <i>Applied Catalysis B: Environmental</i> , 2014, 152-153, 129-139.	20.2	130
26	Synthesis of g-C ₃ N ₄ /Ag ₃ PO ₄ heterojunction with enhanced photocatalytic performance. <i>Materials Research Bulletin</i> , 2014, 51, 432-437.	5.2	60
27	A general approach to the synthesis of metal phosphide catalysts. <i>Powder Technology</i> , 2014, 253, 509-513.	4.2	11
28	Synthesis of AgBr/Ag ₄ P ₂ O ₇ composite photocatalyst and enhanced photocatalytic performance. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2014, 189, 70-75.	3.5	15
29	Synthesis of high-dispersed NiCoP/SiO ₂ and hydrodesulfurization performance. <i>Vacuum</i> , 2014, 108, 45-48.	3.5	3
30	A new route to prepare supported nickel phosphide/silica-alumina hydrotreating catalysts from amorphous alloys. <i>Catalysis Today</i> , 2007, 125, 137-142.	4.4	42