Junying Liu

List of Publications by Year
in descending order

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33 papers	1,969 citations	304368 22 h-index	395343 33 g-index
33 all docs	33 docs citations	33 times ranked	2423 citing authors

#	Article	IF	Citations
1	A review on photocatalysis in antibiotic wastewater: Pollutant degradation and hydrogen production. Chinese Journal of Catalysis, 2020, 41, 1440-1450.	6.9	247
2	Efficient charge separation between UiO-66 and ZnIn2S4 flowerlike 3D microspheres for photoelectronchemical properties. Applied Catalysis B: Environmental, 2018, 226, 234-241.	10.8	211
3	Efficient photocatalytic hydrogen evolution on N-deficient g-C3N4 achieved by a molten salt post-treatment approach. Applied Catalysis B: Environmental, 2018, 238, 465-470.	10.8	207
4	Enhanced visible light photocatalytic degradation of methylene blue by F-doped TiO2. Applied Surface Science, 2014, 319, 107-112.	3.1	185
5	Novel (Na, O) co-doped g-C 3 N 4 with simultaneously enhanced absorption and narrowed bandgap for highly efficient hydrogen evolution. Applied Catalysis B: Environmental, 2017, 209, 631-636.	10.8	131
6	Photocatalytic hydrogen evolution with simultaneous antibiotic wastewater degradation via the visible-light-responsive bismuth spheres-g-C3N4 nanohybrid: Waste to energy insight. Chemical Engineering Journal, 2019, 358, 944-954.	6.6	102
7	Cu2In2ZnS5/Gd2O2S:Tb for full solar spectrum photoreduction of Cr(VI) and CO2 from UV/vis to near-infrared light. Applied Catalysis B: Environmental, 2019, 249, 82-90.	10.8	91
8	Defects Engineering in Photocatalytic Water Splitting Materials. ChemCatChem, 2019, 11, 6177-6189.	1.8	90
9	Simultaneous visible-light-induced hydrogen production enhancement and antibiotic wastewater degradation using MoS2@Zn Cd1-S: Solid-solution-assisted photocatalysis. Chinese Journal of Catalysis, 2020, 41, 103-113.	6.9	83
10	Hexagonal 2H-MoSe2 broad spectrum active photocatalyst for Cr(VI) reduction. Scientific Reports, 2016, 6, 35304.	1.6	65
11	Zinc-doped g-C3N4/BiVO4 as a Z-scheme photocatalyst system for water splitting under visible light. Chinese Journal of Catalysis, 2018, 39, 472-478.	6.9	51
12	A visible-light driven novel layered perovskite oxyhalide Bi₄MO₈X (M = Nb, Ta;) Tj ETQq0 0 0 rgBT /Overlock 1 Catalysis Science and Technology, 2018, 8, 3774-3784.	2.1	49
13	Enhancement of visible light photocatalytic activity of Ag2O/F-TiO2 composites. Journal of Molecular Catalysis A, 2015, 407, 25-31.	4.8	35
14	Enhanced photocatalytic hydrogen evolution using a novel in situ heterojunction yttrium-doped Bi4NbO8Cl@Nb2O5. International Journal of Hydrogen Energy, 2018, 43, 14281-14292.	3.8	34
15	Enhanced photocatalytic activity of Bi2O3â€“Ag2O hybrid photocatalysts. Applied Surface Science, 2015, 347, 269-274.	3.1	31
16	Metallic 1T-Li_xMoS₂ co-catalyst enhanced photocatalytic hydrogen evolution over ZnIn₂S₄ floriated microspheres under visible light irradiation. Catalysis Science and Technology, 2018, 8, 1375-1382.	2.1	31
17	Enhanced twisting degree assisted overall water splitting on a novel nano-dodecahedron BiVO4-based heterojunction. Applied Catalysis B: Environmental, 2020, 266, 118664.	10.8	28
18	Synergetic effect of Ag 2 O as co-catalyst for enhanced photocatalytic degradation of phenol on N-TiO 2. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2016, 211, 128-134.	1.7	26

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19	Effect of Surface Self-Heterojunction Existed in Bi_xY_{1â€“x}VO₄ on Photocatalytic Overall Water Splitting. ACS Sustainable Chemistry and Engineering, 2017, 5, 6578-6584.	3.2	26
20	Photocatalytic hydrogen energy evolution from antibiotic wastewater via metallic bi nanosphere doped g-C₃N₄: performances and mechanisms. Catalysis Science and Technology, 2019, 9, 5279-5291.	2.1	26
21	One-pot synthesized visible-light-responsive MoS2@CdS nanosheets-on- nanospheres for hydrogen evolution from the antibiotic wastewater: Waste to energy insight. International Journal of Hydrogen Energy, 2019, 44, 21577-21587.	3.8	26
22	Few-Layer In₂S₃ in Laponite Interlayers: A Colloidal Route Toward Heterostructured Nanohybrids with Enhanced Photocatalysis. Chemistry of Materials, 2020, 32, 10015-10024.	3.2	23
23	Enhanced photocatalytic overall water splitting via MOF-derived tetragonal BiVO4-based solid solution. Chemical Engineering Journal, 2021, 414, 128911.	6.6	23
24	Heterostructured Monolayer MoS₂ Nanoparticles toward Water-Dispersible Catalysts. ACS Applied Materials & Interfaces, 2020, 12, 19813-19822.	4.0	21
25	Enhanced Photocatalytic Hydrogen Evolution of the Hydrogenated Deficient gâ€C₃N₄ via Surface Hydrotreating. ChemCatChem, 2019, 11, 6275-6281.	1.8	19
26	Enhanced visible light photocatalytic degradation of methyl orange by Bi₂O₃/Fâ€“TiO₂composites. RSC Advances, 2014, 4, 38594.	1.7	16
27	BixY1â^'xVO4 solid solution with porous surface synthesized by molten salt method for photocatalytic water splitting. International Journal of Hydrogen Energy, 2017, 42, 6519-6525.	3.8	16
28	Facet Engineering of Bismuth Molybdate via Confined Growth in a Nanoscale Template toward Water Remediation. ACS Applied Materials & Interfaces, 2021, 13, 18713-18723.	4.0	16
29	Photo-switchable pure water splitting under visible light over nano-Pt@P25 by recycling scattered photons. Applied Catalysis B: Environmental, 2018, 236, 140-146.	10.8	15
30	Alkaline induced indium gradient distribution in ZnmIn2S3+m/In(OH)3 heterojunction for improved photocatalytic H2 generation. Applied Surface Science, 2020, 530, 147241.	3.1	14
31	Enhanced photocatalytic water splitting with surface defective SrTiO3 nanocrystals. Frontiers in Energy, 2021, 15, 700-709.	1.2	12
32	Few-Layer ZnIn2S4/Laponite Heterostructures: Role of Mg2+ Leaching in Zn Defect Formation. Langmuir, 2021, 37, 4727-4735.	1.6	10
33	Templating Unidirectional Bismuth Oxyiodide Crystal Growth with Layered Silicates for Enhanced Photocatalysis. Journal of Physical Chemistry C, 2022, 126, 4975-4983.	1.5	9