

Shujuan Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,699
citations

361413

20
h-index

610901

24
g-index

24
all docs

24
docs citations

24
times ranked

2150
citing authors

#	ARTICLE	IF	CITATIONS
1	CNx nanofibers converted from polypyrrole nanowires as platinum support for methanol oxidation. Energy and Environmental Science, 2009, 2, 224-229.	30.8	209
2	Graphene-like sulfur-doped g-C3N4 for photocatalytic reduction elimination of UO22+ under visible Light. Applied Catalysis B: Environmental, 2017, 205, 319-326.	20.2	160
3	The embedded CuInS2 into hollow-concave carbon nitride for photocatalytic H2O splitting into H2 with S-scheme principle. Chinese Journal of Catalysis, 2020, 41, 122-130.	14.0	132
4	Sâ€Scheme Photocatalytic Systems. Solar Rrl, 2021, 5, 2100118.	5.8	128
5	Photocatalytic H₂O Overall Splitting into H₂ Bubbles by Single Atomic Sulfur Vacancy CdS with Spin Polarization Electric Field. ACS Nano, 2021, 15, 18006-18013.	14.6	100
6	Strong base g-C3N4 with perfect structure for photocatalytically eliminating formaldehyde under visible-light irradiation. Applied Catalysis B: Environmental, 2018, 227, 145-152.	20.2	86
7	Apparent Potential Difference Boosting Directional Electron Transfer for Full Solar Spectrumâ€radiated Catalytic H₂ Evolution. Advanced Functional Materials, 2020, 30, 1908797.	14.9	64
8	Constructing effective photocatalytic purification system with P-introduced g-C 3 N 4 for elimination of UO 2 2+. Applied Surface Science, 2018, 430, 371-379.	6.1	62
9	Graphitic C₂N₃: An Allotrope of <i>g</i>-C₃N₄ Containing Active Azide Pentagons as Metal-Free Photocatalyst for Abundant H₂ Bubble Evolution. ACS Nano, 2021, 15, 7208-7215.	14.6	60
10	Lowâ€Energy Facets on CdS Allomorph Junctions with Optimal Phase Ratio to Boost Charge Directional Transfer for Photocatalytic H₂ Fuel Evolution. Small, 2020, 16, e2000944.	10.0	59
11	Efficient evolution of reactive oxygen species over the coordinated ĩ€-delocalization g-C3N4 with favorable charge transfer for sustainable pollutant elimination. Applied Catalysis B: Environmental, 2019, 249, 282-291.	20.2	53
12	In situ growing graphene on g-C3N4 with barrier-free interface and polarization electric field for strongly boosting solar energy conversion into H2 energy. Applied Catalysis B: Environmental, 2021, 287, 119986.	20.2	38
13	Plasmonic Graphene-Like Au/C₃N₄ Nanosheets with Barrier-Free Interface for Photocatalytically Sustainable Evolution of Active Oxygen Species. ACS Sustainable Chemistry and Engineering, 2019, 7, 2018-2026.	6.7	34
14	Solid-Solution-Like o-C3N4/Ag2SO4 Nanocomposite as a Direct Z-Scheme Photocatalytic System for Photosynthesis of Active Oxygen Species. ACS Sustainable Chemistry and Engineering, 2018, 6, 10905-10913.	6.7	28
15	Three-dimensional hollow graphene efficiently promotes electron transfer of Ag3PO4 for photocatalytically eliminating phenol. Applied Surface Science, 2018, 442, 224-231.	6.1	27
16	Spontaneous polarization electric field briskly boosting charge separation and transfer for sustainable photocatalytic H2 bubble evolution. Applied Catalysis B: Environmental, 2021, 283, 119631.	20.2	24
17	Hollow graphene with apparent potential difference to boost charge directional transfer for photocatalytic H2 evolution. Applied Catalysis B: Environmental, 2020, 268, 118742.	20.2	23
18	In-plane coupling electric field driving charge directional transfer for highly efficient H2 bubble evolution. Chemical Engineering Journal, 2020, 396, 125365.	12.7	23

#	ARTICLE	IF	CITATIONS
19	Highly Dispersed Pt@Ni Nanoparticles on Nitrogen-Doped Carbon Nanotubes for Application in Direct Methanol Fuel Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 3895-3900.	0.9	22
20	Photocatalysis Within Intrinsic Spontaneous Polarization Electric Field. <i>Solar Rrl</i> , 2021, 5, 2000446.	5.8	18
21	Spin polarized graphene monolayer of van der Waals heterojunction for photocatalytic H ₂ O overall splitting. <i>Applied Catalysis B: Environmental</i> , 2022, 315, 121569.	20.2	13
22	Coordination-driven synthesis of perfected π -conjugated graphitic carbon nitride with efficient charge transfer for oxygen activation and gas purification. <i>Journal of Colloid and Interface Science</i> , 2019, 538, 237-247.	9.4	9
23	Boosting charge spatial separation efficiency for catalytic H ₂ bubble evolution under macroscopic spontaneous polarization electric field. <i>Chemical Engineering Journal</i> , 2021, 421, 127812.	12.7	4