

# 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	Spin polarized graphene monolayer of van der Waals heterojunction for photocatalytic H <sub>2</sub> O overall splitting. Applied Catalysis B: Environmental, 2022, 315, 121569.	20.2	13
2	Photocatalysis Within Intrinsic Spontaneous Polarization Electric Field. Solar Rrl, 2021, 5, 2000446.	5.8	18
3	Spontaneous polarization electric field briskly boosting charge separation and transfer for sustainable photocatalytic H <sub>2</sub> bubble evolution. Applied Catalysis B: Environmental, 2021, 283, 119631.	20.2	24
4	Boosting charge spatial separation efficiency for catalytic H <sub>2</sub> bubble evolution under macroscopic spontaneous polarization electric field. Chemical Engineering Journal, 2021, 421, 127812.	12.7	4
5	Graphitic C <sub>2</sub> N <sub>3</sub> : An Allotrope of <i>g</i> -C <sub>3</sub> N <sub>4</sub> Containing Active Azide Pentagons as Metal-Free Photocatalyst for Abundant H <sub>2</sub> Bubble Evolution. ACS Nano, 2021, 15, 7208-7215.	14.6	60
6	Scheme Photocatalytic Systems. Solar Rrl, 2021, 5, 2100118.	5.8	128
7	In situ growing graphene on g-C <sub>3</sub> N <sub>4</sub> with barrier-free interface and polarization electric field for strongly boosting solar energy conversion into H <sub>2</sub> energy. Applied Catalysis B: Environmental, 2021, 287, 119986.	20.2	38
8	Photocatalytic H <sub>2</sub> O Overall Splitting into H <sub>2</sub> Bubbles by Single Atomic Sulfur Vacancy CdS with Spin Polarization Electric Field. ACS Nano, 2021, 15, 18006-18013.	14.6	100
9	Apparent Potential Difference Boosting Directional Electron Transfer for Full Solar Spectrum-Irradiated Catalytic H <sub>2</sub> Evolution. Advanced Functional Materials, 2020, 30, 1908797.	14.9	64
10	The embedded CuInS <sub>2</sub> into hollow-concave carbon nitride for photocatalytic H <sub>2</sub> O splitting into H <sub>2</sub> with S-scheme principle. Chinese Journal of Catalysis, 2020, 41, 122-130.	14.0	132
11	Low-Energy Facets on CdS Allomorph Junctions with Optimal Phase Ratio to Boost Charge Directional Transfer for Photocatalytic H <sub>2</sub> Fuel Evolution. Small, 2020, 16, e2000944.	10.0	59
12	Hollow graphene with apparent potential difference to boost charge directional transfer for photocatalytic H <sub>2</sub> evolution. Applied Catalysis B: Environmental, 2020, 268, 118742.	20.2	23
13	In-plane coupling electric field driving charge directional transfer for highly efficient H <sub>2</sub> bubble evolution. Chemical Engineering Journal, 2020, 396, 125365.	12.7	23
14	Efficient evolution of reactive oxygen species over the coordinated $\pi$ -delocalization g-C <sub>3</sub> N <sub>4</sub> with favorable charge transfer for sustainable pollutant elimination. Applied Catalysis B: Environmental, 2019, 249, 282-291.	20.2	53
15	Plasmonic Graphene-Like Au/C <sub>3</sub> N <sub>4</sub> 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
16	Coordination-driven synthesis of perfected $\pi$ -conjugated graphitic carbon nitride with efficient charge transfer for oxygen activation and gas purification. Journal of Colloid and Interface Science, 2019, 538, 237-247.	9.4	9
17	Three-dimensional hollow graphene efficiently promotes electron transfer of Ag <sub>3</sub> PO <sub>4</sub> for photocatalytically eliminating phenol. Applied Surface Science, 2018, 442, 224-231.	6.1	27
18	Strong base g-C <sub>3</sub> N <sub>4</sub> with perfect structure for photocatalytically eliminating formaldehyde under visible-light irradiation. Applied Catalysis B: Environmental, 2018, 227, 145-152.	20.2	86

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19	Constructing effective photocatalytic purification system with P-introduced g-C <sub>3</sub> N <sub>4</sub> for elimination of UO <sub>2</sub> <sup>2+</sup> . <i>Applied Surface Science</i> , 2018, 430, 371-379.	6.1	62
20	Solid-Solution-Like o-C <sub>3</sub> N <sub>4</sub> /Ag <sub>2</sub> SO <sub>4</sub> Nanocomposite as a Direct Z-Scheme Photocatalytic System for Photosynthesis of Active Oxygen Species. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 10905-10913.	6.7	28
21	Graphene-like sulfur-doped g-C <sub>3</sub> N <sub>4</sub> for photocatalytic reduction elimination of UO <sub>2</sub> <sup>2+</sup> under visible Light. <i>Applied Catalysis B: Environmental</i> , 2017, 205, 319-326.	20.2	160
22	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
23	CNx nanofibers converted from polypyrrole nanowires as platinum support for methanol oxidation. <i>Energy and Environmental Science</i> , 2009, 2, 224-229.	30.8	209