

# Yushuai Jia

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

3,301  
citations

394286

19  
h-index

713332

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

5398  
citing authors

#	ARTICLE	IF	CITATIONS
1	Alkali-mediated dissolution-recrystallization strategy for in situ construction of a BiVO <sub>4</sub> /Bi <sub>25</sub> VO <sub>40</sub> heterojunction with promoted interfacial charge transfer: Formation mechanism and photocatalytic tetracycline degradation studies. <i>Chemical Engineering Journal</i> , 2022, 431, 134181.	6.6	17
2	A hybrid CoOOH-rGO/Fe <sub>2</sub> O <sub>3</sub> photoanode with spatial charge separation and charge transfer for efficient photoelectrochemical water oxidation. <i>Journal of Catalysis</i> , 2021, 399, 170-181.	3.1	26
3	Surface defect-rich ceria quantum dots anchored on sulfur-doped carbon nitride nanotubes with enhanced charge separation for solar hydrogen production. <i>Journal of Energy Chemistry</i> , 2021, 52, 51-59.	7.1	33
4	Surface defect-engineered silver silicate/ceria p-n heterojunctions with a flower-like structure for boosting visible light photocatalysis with mechanistic insight. <i>Journal of Colloid and Interface Science</i> , 2020, 564, 442-453.	5.0	47
5	One-Pot Ionothermal Synthesized Carbon Nitride Heterojunction Nanorods for Simultaneous Photocatalytic Reduction and Oxidation Reactions: Synergistic Effect and Mechanism Insight. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 5122-5133.	3.2	53
6	Insight into efficient photocatalytic elimination of tetracycline over SrTiO <sub>3</sub> (La,Cr) under visible-light irradiation: The relationship of doping and performance. <i>Applied Surface Science</i> , 2019, 486, 93-101.	3.1	42
7	2D Co-incorporated hydroxyapatite nanoarchitecture as a potential efficient oxygen evolution cocatalyst for boosting photoelectrochemical water splitting on Fe <sub>2</sub> O <sub>3</sub> photoanode. <i>Applied Catalysis B: Environmental</i> , 2019, 250, 224-233.	10.8	58
8	Anion engineering of exfoliated CoAl layered double hydroxides on hematite photoanode toward highly efficient photoelectrochemical water splitting. <i>Chemical Engineering Journal</i> , 2019, 366, 523-530.	6.6	43
9	One-step hydrothermal growth of carbon nanofibers and insitu assembly of Ag nanowire@carbon nanofiber@Ag nanoparticles ternary composites for efficient photocatalytic removal of organic pollutants. <i>Carbon</i> , 2018, 131, 213-222.	5.4	21
10	La and Cr Co-doped SrTiO <sub>3</sub> as an H <sub>2</sub> evolution photocatalyst for construction of a Z-scheme overall water splitting system. <i>Chinese Journal of Catalysis</i> , 2018, 39, 421-430.	6.9	26
11	Synergy of adsorption and visible-light photocatalytic degradation of methylene blue by a bifunctional Z-scheme heterojunction of WO <sub>3</sub> /g-C <sub>3</sub> N <sub>4</sub> . <i>Applied Surface Science</i> , 2017, 405, 359-371.	3.1	281
12	Insight into synergistically enhanced adsorption and visible light photocatalytic performance of Z-scheme heterojunction of SrTiO <sub>3</sub> (La,Cr)-decorated WO <sub>3</sub> nanosheets. <i>Applied Surface Science</i> , 2017, 412, 279-289.	3.1	42
13	Efficient Photocatalytic Hydrogen Evolution on Band Structure Tuned Polytriazine/Heptazine Based Carbon Nitride Heterojunctions with Ordered Needle-like Morphology Achieved by an In Situ Molten Salt Method. <i>Journal of Physical Chemistry C</i> , 2017, 121, 21497-21509.	1.5	64
14	Visible light-responsive carbon-decorated p-type semiconductor CaFe <sub>2</sub> O <sub>4</sub> nanorod photocatalyst for efficient remediation of organic pollutants. <i>Chinese Journal of Catalysis</i> , 2017, 38, 1770-1779.	6.9	36
15	p-Type CaFe <sub>2</sub> O <sub>4</sub> semiconductor nanorods controllably synthesized by molten salt method. <i>Journal of Energy Chemistry</i> , 2016, 25, 381-386.	7.1	26
16	In situ facile synthesis of Rh nanoparticles supported on carbon nanotubes as highly active catalysts for H <sub>2</sub> generation from NH <sub>3</sub> BH <sub>3</sub> hydrolysis. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 2207-2215.	3.8	141
17	Facile synthesis and enhanced visible-light photocatalytic activity of graphitic carbon nitride decorated with ultrafine Fe <sub>2</sub> O <sub>3</sub> nanoparticles. <i>RSC Advances</i> , 2015, 5, 92033-92041.	1.7	75
18	Titanium Dioxide-Based Nanomaterials for Photocatalytic Fuel Generations. <i>Chemical Reviews</i> , 2014, 114, 9987-10043.	23.0	2,096

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19	A Novel Sr <sub>2</sub> CuInO <sub>3</sub> S p-type semiconductor photocatalyst for hydrogen production under visible light irradiation. <i>Journal of Energy Chemistry</i> , 2014, 23, 420-426.	7.1	47
20	Time-resolved infrared spectroscopic investigation of roles of valence states of Cr in (La,Cr)-doped SrTiO <sub>3</sub> photocatalysts. <i>Chinese Journal of Catalysis</i> , 2013, 34, 2036-2040.	6.9	13
21	Composite Sr <sub>2</sub> TiO <sub>4</sub> /SrTiO <sub>3</sub> (La,Cr) heterojunction based photocatalyst for hydrogen production under visible light irradiation. <i>Journal of Materials Chemistry A</i> , 2013, 1, 7905.	5.2	114