

# Junyou Shi

## List of Publications by Year in descending order

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31  
papers

1,753  
citations

331670

21  
h-index

454955

30  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1511  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review: cascade reactions for conversion of carbohydrates using heteropolyacids as the solid catalysts. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 2313-2331.	4.6	7
2	Rational fabrication of a new ionic imprinted carboxymethyl chitosan-based sponge for efficient selective adsorption of Gd(III). <i>RSC Advances</i> , 2022, 12, 3097-3107.	3.6	3
3	N and S co-doped 3D hierarchical porous carbon as high-performance electrode material for supercapacitors. <i>Diamond and Related Materials</i> , 2022, 126, 109080.	3.9	11
4	Carbon dots anchored high-crystalline g-C <sub>3</sub> N <sub>4</sub> as a metal-free composite photocatalyst for boosted photocatalytic degradation of tetracycline under visible light. <i>Journal of Materials Science</i> , 2021, 56, 2226-2240.	3.7	106
5	Preparation of an ion imprinted chitosan-based porous film with an interpenetrating network structure for efficient selective adsorption of Gd(III). <i>New Journal of Chemistry</i> , 2021, 45, 725-734.	2.8	12
6	Significant enhancement of photocatalytic H <sub>2</sub> production simultaneous with dye degradation over Ni <sub>2</sub> P modified In <sub>2</sub> O <sub>3</sub> nanocomposites. <i>Separation and Purification Technology</i> , 2021, 263, 118366.	7.9	30
7	Ionic imprinted CNTs-chitosan hybrid sponge with 3D network structure for selective and effective adsorption of Gd(III). <i>Separation and Purification Technology</i> , 2021, 269, 118792.	7.9	26
8	Plant Polyphenol-Inspired Crosslinking Strategy toward High Bonding Strength and Mildew Resistance for Soy Protein Adhesives. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100543.	3.6	35
9	Rational copolymerization strategy engineered C self-doped g-C <sub>3</sub> N <sub>4</sub> for efficient and robust solar photocatalytic H <sub>2</sub> evolution. <i>Renewable Energy</i> , 2021, 178, 757-765.	8.9	130
10	Assembling g-C <sub>3</sub> N <sub>4</sub> nanosheets on rod-like CoFe <sub>2</sub> O <sub>4</sub> nanocrystals to boost photocatalytic degradation of ciprofloxacin with peroxydisulfate activation. <i>Materials Today Communications</i> , 2021, 29, 102871.	1.9	12
11	Rapid polymerization synthesizing high-crystalline g-C <sub>3</sub> N <sub>4</sub> towards boosting solar photocatalytic H <sub>2</sub> generation. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 6425-6436.	7.1	104
12	Fabrication of ternary Ag <sub>3</sub> PO <sub>4</sub> /Co <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> /g-C <sub>3</sub> N <sub>4</sub> heterostructure with following Type II and Z-Scheme dual pathways for enhanced visible-light photocatalytic activity. <i>Journal of Hazardous Materials</i> , 2020, 389, 121907.	12.4	262
13	Heteroatom-Doped Pillared Porous Carbon Architectures with Ultrafast Electron and Ion Transport Capabilities under High Mass Loadings for High-Rate Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 8664-8674.	6.7	56
14	Fabrication of a ternary carbon dots/CoO/g-C <sub>3</sub> N <sub>4</sub> nanocomposite photocatalyst with enhanced visible-light-driven photocatalytic hydrogen production. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 2129-2138.	3.2	83
15	A curly architected graphitic carbon nitride (g-C <sub>3</sub> N <sub>4</sub> ) towards efficient visible-light photocatalytic H <sub>2</sub> evolution. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 347-355.	6.0	71
16	Enhanced photocatalytic activity of g-C <sub>3</sub> N <sub>4</sub> quantum dots/Bi <sub>3.64</sub> Mo <sub>0.36</sub> O <sub>6.55</sub> nanospheres composites. <i>Journal of Solid State Chemistry</i> , 2020, 287, 121347.	2.9	94
17	A bottom-up acidification strategy engineered ultrathin g-C <sub>3</sub> N <sub>4</sub> nanosheets towards boosting photocatalytic hydrogen evolution. <i>Carbon</i> , 2020, 163, 234-243.	10.3	81
18	One-step preparation of N,O co-doped 3D hierarchically porous carbon derived from soybean dregs for high-performance supercapacitors. <i>RSC Advances</i> , 2019, 9, 17308-17317.	3.6	10

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19	Graphitic carbon nitride quantum dots and nitrogen-doped carbon quantum dots co-decorated with BiVO <sub>4</sub> microspheres: A ternary heterostructure photocatalyst for water purification. Separation and Purification Technology, 2019, 226, 117-127.	7.9	155
20	Waste fruit grain orange-derived 3D hierarchically porous carbon for high-performance all-solid-state supercapacitor. Ionics, 2019, 25, 3935-3944.	2.4	27
21	A direct one-step synthesis of ultrathin g-C <sub>3</sub> N <sub>4</sub> nanosheets from thiourea for boosting solar photocatalytic H <sub>2</sub> evolution. International Journal of Hydrogen Energy, 2019, 44, 7194-7204.	7.1	164
22	A facile and scalable route for synthesizing ultrathin carbon nitride nanosheets with efficient solar hydrogen evolution. Carbon, 2018, 136, 160-167.	10.3	33
23	Construction of C <sub>60</sub> -decorated SWCNTs (C <sub>60</sub> -CNTs)/bismuth-based oxide ternary heterostructures with enhanced photocatalytic activity. RSC Advances, 2017, 7, 53847-53854.	3.6	31
24	Lewis-acid-promoted catalytic cascade conversion of glycerol to lactic acid by polyoxometalates. Chemical Communications, 2016, 52, 3332-3335.	4.1	39
25	Preparation and characterization of cotton fabric with potential use in UV resistance and oil reclaim. Carbohydrate Polymers, 2016, 137, 264-270.	10.2	29
26	Tailoring the Synergistic Bronsted-Lewis acidic effects in Heteropolyacid catalysts: Applied in Esterification and Transesterification Reactions. Scientific Reports, 2015, 5, 13764.	3.3	41
27	Heteropolyacid-Catalyzed Oxidation of Glycerol into Lactic Acid under Mild Base-Free Conditions. ChemSusChem, 2015, 8, 4195-4201.	6.8	38
28	Hydrogen peroxide as an oxidant in starch oxidation using molybdovanadophosphate for producing a high carboxylic content. RSC Advances, 2015, 5, 45725-45730.	3.6	8
29	Oxidative Desulfurization by Oxygen Using Amphiphilic Quaternary Ammonium Peroxovanadium Polyoxometalates. Catalysis Surveys From Asia, 2015, 19, 257-264.	2.6	15
30	Preparation and characterization of film of poly vinyl acetate ethylene copolymer emulsion. Applied Surface Science, 2013, 276, 223-228.	6.1	21
31	Biomass-Based N, P, and S Self-Doped Porous Carbon for High-Performance Supercapacitors. ACS Sustainable Chemistry and Engineering, 0, , .	6.7	19