Jianqiang Yu

List of Publications by Year in descending order

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48	2,088	279798	243625
papers	citations	23 h-index	44 g-index

48	48	48	2700
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chemical etching preparation of the Bi2WO6/BiOI pâ€“n heterojunction with enhanced photocatalytic antifouling activity under visible light irradiation. Chemical Engineering Journal, 2016, 288, 264-275.	12.7	217
2	Synthesis and photocatalytic performances of BiVO4 by ammonia co-precipitation process. Journal of Solid State Chemistry, 2009, 182, 223-228.	2.9	203
3	Fabrication of InVO4/AgVO3 heterojunctions with enhanced photocatalytic antifouling efficiency under visible-light. Applied Catalysis B: Environmental, 2018, 220, 57-66.	20.2	143
4	Enhanced photocatalytic water disinfection properties of Bi2MoO6â€“RGO nanocomposites under visible light irradiation. Nanoscale, 2013, 5, 6307.	5.6	121
5	Hydrothermal Synthesis of Nanofibrous Bismuth Vanadate. Chemistry Letters, 2005, 34, 850-851.	1.3	115
6	Insight into the highly efficient degradation of PAHs in water over graphene oxide/Ag3PO4 composites under visible light irradiation. Chemical Engineering Journal, 2018, 334, 355-376.	12.7	110
7	An Efficient ZnIn₂S₄@CuInS₂ Coreâ€“Shell pâ€“n Heterojunction to Boost Visible-Light Photocatalytic Hydrogen Evolution. Journal of Physical Chemistry C, 2020, 124, 5934-5943.	3.1	105
8	Surface oxygen vacancies of Pd/Bi2MoO6-x acts as â€œElectron Bridgeâ€•to promote photocatalytic selective oxidation of alcohol. Applied Catalysis B: Environmental, 2021, 285, 119790.	20.2	90
9	Tiâ^'MCM-41 Synthesized from Colloidal Silica and Titanium Trichloride: Synthesis, Characterization, and Catalysis. Chemistry of Materials, 2001, 13, 994-998.	6.7	78
10	Vacancy-induced 2H@1T MoS2 phase-incorporation on ZnIn2S4 for boosting photocatalytic hydrogen evolution. Applied Catalysis B: Environmental, 2021, 298, 120570.	20.2	75
11	Dual interfacial synergism in Au-Pd/ZnIn2S4 for promoting photocatalytic selective oxidation of aromatic alcohol. Applied Surface Science, 2020, 501, 144018.	6.1	57
12	Structure Tuning of Bi₂MoO₆ and Their Enhanced Visible Light Photocatalytic Performances. Critical Reviews in Solid State and Materials Sciences, 2017, 42, 347-372.	12.3	56
13	Enhanced Visible-Light-Driven Photocatalytic Activity by 0D/2D Phase Heterojunction of Quantum Dots/Nanosheets on Bismuth Molybdates. Journal of Physical Chemistry C, 2018, 122, 3738-3747.	3.1	53
14	Facile one-step synthesis of onion-like carbon modified ultrathin g-C3N4 2D nanosheets with enhanced visible-light photocatalytic performance. Journal of Colloid and Interface Science, 2019, 533, 47-58.	9.4	50
15	Enhancement in the photocatalytic antifouling efficiency over cherimoya-like InVO4/BiVO4 with a new vanadium source. Journal of Colloid and Interface Science, 2019, 533, 358-368.	9.4	50
16	Photo-to-current response of Bi2Fe4O9 nanocrystals synthesized through a chemical co-precipitation process. New Journal of Chemistry, 2012, 36, 1297.	2.8	43
17	Hierarchical ZnIn2S4: A promising cocatalyst to boost visible-light-driven photocatalytic hydrogen evolution of In(OH)3. International Journal of Hydrogen Energy, 2019, 44, 5787-5798.	7.1	40
18	A green route for the synthesis of nano-sized hierarchical ZSM-5 zeolite with excellent DTO catalytic performance. Chemical Engineering Journal, 2020, 388, 124322.	12.7	39

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19	BiOI hierarchical nanoflowers as novel robust peroxidase mimetics for colorimetric detection of H₂O₂. RSC Advances, 2016, 6, 17483-17493.	3.6	38
20	Preparation of Porous Hollow SiO2 Spheres by a Modified StÃ¶ber Process Using MF Microspheres as Templates. Journal of Cluster Science, 2012, 23, 273-285.	3.3	37
21	Synthesis of AEI/CHA intergrowth zeolites by dual templates and their catalytic performance for dimethyl ether to olefins. Chemical Engineering Journal, 2017, 323, 295-303.	12.7	37
22	Synthesis of SAPO-18/34 intergrowth zeolites and their enhanced stability for dimethyl ether to olefins. RSC Advances, 2017, 7, 939-946.	3.6	29
23	Visible-near-infrared-responsive g-C3N4H+ reduced decatungstate with excellent performance for photocatalytic removal of petroleum hydrocarbon. Journal of Hazardous Materials, 2020, 381, 120994.	12.4	25
24	Fluorescent Polymer Dot-Based Multicolor Stimulated Emission Depletion Nanoscopy with a Single Laser Beam Pair for Cellular Tracking. Analytical Chemistry, 2020, 92, 12088-12096.	6.5	25
25	Phosphineâ€Free, Efficient Double Carbonylation of Aryl Iodides with Amines Catalyzed by Waterâ€Insoluble and Waterâ€Soluble Nâ€Heterocyclic Carbeneâ€“Amine Palladium Complexes. Advanced Synthesis and Catalysis, 2014, 356, 2539-2546.	4.3	24
26	Novel synthesis of BiVO4 using homogeneous precipitation and its enhanced photocatalytic activity. Journal of Nanoparticle Research, 2020, 22, 1.	1.9	24
27	Sequential growth of hierarchical N-doped carbon-MoS₂ nanocomposites with variable nanostructures. Journal of Materials Chemistry A, 2019, 7, 6197-6204.	10.3	22
28	A polysalen based on polyacylamide stabilized palladium nanoparticle catalyst for efficient carbonylative Sonogashira reaction in aqueous media. RSC Advances, 2017, 7, 31850-31857.	3.6	21
29	Nanoscale imaging with an integrated system combining stimulated emission depletion microscope and atomic force microscope. Science Bulletin, 2013, 58, 4045-4050.	1.7	20
30	Effect of molecular structure of anilineâ€“formaldehyde copolymers on corrosion inhibition of mild steel in hydrochloric acid solution. Journal of Hazardous Materials, 2015, 289, 130-139.	12.4	19
31	Highly Efficient Photocatalytic Remediation of Simulated Polycyclic Aromatic Hydrocarbons (PAHs) Contaminated Wastewater under Visible Light Irradiation by Graphene Oxide Enwrapped Ag₃PO₄ Composite.. Chinese Journal of Chemistry, 2017, 35, 1549-1558.	4.9	19
32	Enhancement in the photocatalytic and photoelectrochemical properties of visible-light driven BiVO4 photocatalyst. Rare Metals, 2011, 30, 192-198.	7.1	15
33	Nanoscale Distribution of Transforming Growth Factor Receptor on Postâ€Golgi Vesicle Revealed by Superâ€resolution Microscopy. Chemistry - an Asian Journal, 2016, 11, 3359-3364.	3.3	13
34	Regulating the Built-In Electric Field of BiOBr by a Piezoelectric Mineral Tourmaline and the Enhanced Photocatalytic Property. Industrial & Engineering Chemistry Research, 2022, 61, 1704-1714.	3.7	12
35	A Novel Preparation of SAPO-18 Molecular Sieve with Enhanced Stability for Dimethyl Ether to Olefins. Catalysis Letters, 2016, 146, 2261-2267.	2.6	10
36	Enhancement in Photoelectrochemical Efficiency by Fabrication ofBiVO4@MWCNT Nanocomposites. Journal of Nanotechnology, 2011, 2011, 1-6.	3.4	8

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37	Enhancement in the photo-to-current efficiency by fabrication of CNT-BiVO4 composites. Rare Metals, 2011, 30, 199-202.	7.1	7
38	Highly efficient photoelectrochemical performance of SrTiO3/TiO2 heterojunction nanotube array thin film. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	7
39	Influence of a hole inversion layer at the In2O3 / BiVO4 interface on the high-efficiency photocatalytic performance. Surfaces and Interfaces, 2021, 25, 101148.	3.0	7
40	Aerobic Waterâ€“based Oxidation of 2,3,6â€Trimethylphenol to Trimethylâ€1,4â€benzoquinone over Copper(II) Nitrate Catalyst. ChemistrySelect, 2017, 2, 949-952.	1.5	6
41	Synthesis and photocatalytic properties of BiVO4 by a citric acid complexation process. Rare Metals, 2011, 30, 203-207.	7.1	5
42	Preparation, Characterization and Application of Epitaxial Grown BiOBr (110) Film on ZnFe2O4 Surface with Enhanced Photocatalytic Fenton Oxidation Properties. Nanomaterials, 2022, 12, 1508.	4.1	5
43	Spontaneous polarization enhanced bismuth ferrate photoelectrode: fabrication and boosted photoelectrochemical water splitting property. Frontiers in Energy, 2021, 15, 781-790.	2.3	4
44	Fusion of clathrin and caveolae endocytic vesicles revealed by line-switching dual-color STED microscopy. Journal of Innovative Optical Health Sciences, 0, , 2150017.	1.0	3
45	Synthesis of Bismuth Vanadate by a Novel Process and Its Enhanced Photoelectrochemical Performance. IOP Conference Series: Materials Science and Engineering, 2019, 562, 012097.	0.6	1
46	Synthesis of dimethyl carbonate from methanol, propylene oxide and carbon dioxide over KF/Al<inf>2</inf>O<inf>3</inf>. , 2013, , .		0
47	Back Cover: Highly Efficient Photocatalytic Remediation of Simulated Polycyclic Aromatic Hydrocarbons (PAHs) Contaminated Wastewater under Visible Light Irradiation by Graphene Oxide Enwrapped Ag3 PO4 Composite (Chin. J. Chem. 10/2017). Chinese Journal of Chemistry, 2017, 35, 1650-1650.	4.9	0
48	Fabrication of Bi2MoO6 Photocatalytic Fibers via Wet Spinning and Enhanced Photocatalytic Activity. IOP Conference Series: Materials Science and Engineering, 2020, 735, 012013.	0.6	0