

Jianqiang Yu

List of Publications by Year in descending order

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48
papers

2,088
citations

279798

23
h-index

243625

44
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48
all docs

48
docs citations

48
times ranked

2700
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulating the Built-In Electric Field of BiOBr by a Piezoelectric Mineral Tourmaline and the Enhanced Photocatalytic Property. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 1704-1714.	3.7	12
2	Preparation, Characterization and Application of Epitaxial Grown BiOBr (110) Film on ZnFe ₂ O ₄ Surface with Enhanced Photocatalytic Fenton Oxidation Properties. <i>Nanomaterials</i> , 2022, 12, 1508.	4.1	5
3	Surface oxygen vacancies of Pd/Bi ₂ MoO _{6-x} acts as "Electron Bridge" to promote photocatalytic selective oxidation of alcohol. <i>Applied Catalysis B: Environmental</i> , 2021, 285, 119790.	20.2	90
4	Influence of a hole inversion layer at the In ₂ O ₃ / BiVO ₄ interface on the high-efficiency photocatalytic performance. <i>Surfaces and Interfaces</i> , 2021, 25, 101148.	3.0	7
5	Spontaneous polarization enhanced bismuth ferrate photoelectrode: fabrication and boosted photoelectrochemical water splitting property. <i>Frontiers in Energy</i> , 2021, 15, 781-790.	2.3	4
6	Vacancy-induced 2H@1T MoS ₂ phase-incorporation on ZnIn ₂ S ₄ for boosting photocatalytic hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2021, 298, 120570.	20.2	75
7	Dual interfacial synergism in Au-Pd/ZnIn ₂ S ₄ for promoting photocatalytic selective oxidation of aromatic alcohol. <i>Applied Surface Science</i> , 2020, 501, 144018.	6.1	57
8	Visible-near-infrared-responsive g-C ₃ N ₄ H ₊ reduced decatungstate with excellent performance for photocatalytic removal of petroleum hydrocarbon. <i>Journal of Hazardous Materials</i> , 2020, 381, 120994.	12.4	25
9	Fluorescent Polymer Dot-Based Multicolor Stimulated Emission Depletion Nanoscopy with a Single Laser Beam Pair for Cellular Tracking. <i>Analytical Chemistry</i> , 2020, 92, 12088-12096.	6.5	25
10	Novel synthesis of BiVO ₄ using homogeneous precipitation and its enhanced photocatalytic activity. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	1.9	24
11	A green route for the synthesis of nano-sized hierarchical ZSM-5 zeolite with excellent DTO catalytic performance. <i>Chemical Engineering Journal</i> , 2020, 388, 124322.	12.7	39
12	An Efficient ZnIn ₂ S ₄ @CuInS ₂ Core-Shell Heterojunction to Boost Visible-Light Photocatalytic Hydrogen Evolution. <i>Journal of Physical Chemistry C</i> , 2020, 124, 5934-5943.	3.1	105
13	Fabrication of Bi ₂ MoO ₆ Photocatalytic Fibers via Wet Spinning and Enhanced Photocatalytic Activity. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 735, 012013.	0.6	0
14	Facile one-step synthesis of onion-like carbon modified ultrathin g-C ₃ N ₄ 2D nanosheets with enhanced visible-light photocatalytic performance. <i>Journal of Colloid and Interface Science</i> , 2019, 533, 47-58.	9.4	50
15	Synthesis of Bismuth Vanadate by a Novel Process and Its Enhanced Photoelectrochemical Performance. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 562, 012097.	0.6	1
16	Hierarchical ZnIn ₂ S ₄ : A promising cocatalyst to boost visible-light-driven photocatalytic hydrogen evolution of In(OH) ₃ . <i>International Journal of Hydrogen Energy</i> , 2019, 44, 5787-5798.	7.1	40
17	Sequential growth of hierarchical N-doped carbon-MoS ₂ nanocomposites with variable nanostructures. <i>Journal of Materials Chemistry A</i> , 2019, 7, 6197-6204.	10.3	22
18	Enhancement in the photocatalytic antifouling efficiency over cherimoya-like InVO ₄ /BiVO ₄ with a new vanadium source. <i>Journal of Colloid and Interface Science</i> , 2019, 533, 358-368.	9.4	50

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19	Enhanced Visible-Light-Driven Photocatalytic Activity by 0D/2D Phase Heterojunction of Quantum Dots/Nanosheets on Bismuth Molybdates. <i>Journal of Physical Chemistry C</i> , 2018, 122, 3738-3747.	3.1	53
20	Insight into the highly efficient degradation of PAHs in water over graphene oxide/Ag ₃ PO ₄ composites under visible light irradiation. <i>Chemical Engineering Journal</i> , 2018, 334, 355-376.	12.7	110
21	Fabrication of InVO ₄ /AgVO ₃ heterojunctions with enhanced photocatalytic antifouling efficiency under visible-light. <i>Applied Catalysis B: Environmental</i> , 2018, 220, 57-66.	20.2	143
22	Synthesis of SAPO-18/34 intergrowth zeolites and their enhanced stability for dimethyl ether to olefins. <i>RSC Advances</i> , 2017, 7, 939-946.	3.6	29
23	Aerobic Water-based Oxidation of 2,3,6-Trimethylphenol to Trimethyl-1,4-benzoquinone over Copper(II) Nitrate Catalyst. <i>ChemistrySelect</i> , 2017, 2, 949-952.	1.5	6
24	Synthesis of AEI/CHA intergrowth zeolites by dual templates and their catalytic performance for dimethyl ether to olefins. <i>Chemical Engineering Journal</i> , 2017, 323, 295-303.	12.7	37
25	A polysalen based on polyacrylamide stabilized palladium nanoparticle catalyst for efficient carbonylative Sonogashira reaction in aqueous media. <i>RSC Advances</i> , 2017, 7, 31850-31857.	3.6	21
26	Highly Efficient Photocatalytic Remediation of Simulated Polycyclic Aromatic Hydrocarbons (PAHs) Contaminated Wastewater under Visible Light Irradiation by Graphene Oxide Enwrapped Ag ₃ PO ₄ Composite.. <i>Chinese Journal of Chemistry</i> , 2017, 35, 1549-1558.	4.9	19
27	Back Cover: Highly Efficient Photocatalytic Remediation of Simulated Polycyclic Aromatic Hydrocarbons (PAHs) Contaminated Wastewater under Visible Light Irradiation by Graphene Oxide Enwrapped Ag ₃ PO ₄ Composite (Chin. J. Chem. 10/2017). <i>Chinese Journal of Chemistry</i> , 2017, 35, 1650-1650.	4.9	0
28	Structure Tuning of Bi ₂ MoO ₆ and Their Enhanced Visible Light Photocatalytic Performances. <i>Critical Reviews in Solid State and Materials Sciences</i> , 2017, 42, 347-372.	12.3	56
29	Nanoscale Distribution of Transforming Growth Factor Receptor on Post-Golgi Vesicle Revealed by Super-resolution Microscopy. <i>Chemistry - an Asian Journal</i> , 2016, 11, 3359-3364.	3.3	13
30	A Novel Preparation of SAPO-18 Molecular Sieve with Enhanced Stability for Dimethyl Ether to Olefins. <i>Catalysis Letters</i> , 2016, 146, 2261-2267.	2.6	10
31	BiOI hierarchical nanoflowers as novel robust peroxidase mimetics for colorimetric detection of H ₂ O ₂ . <i>RSC Advances</i> , 2016, 6, 17483-17493.	3.6	38
32	Chemical etching preparation of the Bi ₂ WO ₆ /BiOI p-n heterojunction with enhanced photocatalytic antifouling activity under visible light irradiation. <i>Chemical Engineering Journal</i> , 2016, 288, 264-275.	12.7	217
33	Effect of molecular structure of aniline-formaldehyde copolymers on corrosion inhibition of mild steel in hydrochloric acid solution. <i>Journal of Hazardous Materials</i> , 2015, 289, 130-139.	12.4	19
34	Phosphine-Free, Efficient Double Carbonylation of Aryl Iodides with Amines Catalyzed by Water-Insoluble and Water-Soluble N-Heterocyclic Carbene-Amine Palladium Complexes. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2539-2546.	4.3	24
35	Highly efficient photoelectrochemical performance of SrTiO ₃ /TiO ₂ heterojunction nanotube array thin film. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	7
36	Synthesis of dimethyl carbonate from methanol, propylene oxide and carbon dioxide over KF/Al ₂ O ₃ , 2013, , .		0

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37	Enhanced photocatalytic water disinfection properties of Bi ₂ MoO ₆ @RGO nanocomposites under visible light irradiation. <i>Nanoscale</i> , 2013, 5, 6307.	5.6	121
38	Nanoscale imaging with an integrated system combining stimulated emission depletion microscope and atomic force microscope. <i>Science Bulletin</i> , 2013, 58, 4045-4050.	1.7	20
39	Photo-to-current response of Bi ₂ Fe ₄ O ₉ nanocrystals synthesized through a chemical co-precipitation process. <i>New Journal of Chemistry</i> , 2012, 36, 1297.	2.8	43
40	Preparation of Porous Hollow SiO ₂ Spheres by a Modified Stober Process Using MF Microspheres as Templates. <i>Journal of Cluster Science</i> , 2012, 23, 273-285.	3.3	37
41	Enhancement in Photoelectrochemical Efficiency by Fabrication of BiVO ₄ @MWCNT Nanocomposites. <i>Journal of Nanotechnology</i> , 2011, 2011, 1-6.	3.4	8
42	Enhancement in the photocatalytic and photoelectrochemical properties of visible-light driven BiVO ₄ photocatalyst. <i>Rare Metals</i> , 2011, 30, 192-198.	7.1	15
43	Enhancement in the photo-to-current efficiency by fabrication of CNT-BiVO ₄ composites. <i>Rare Metals</i> , 2011, 30, 199-202.	7.1	7
44	Synthesis and photocatalytic properties of BiVO ₄ by a citric acid complexation process. <i>Rare Metals</i> , 2011, 30, 203-207.	7.1	5
45	Synthesis and photocatalytic performances of BiVO ₄ by ammonia co-precipitation process. <i>Journal of Solid State Chemistry</i> , 2009, 182, 223-228.	2.9	203
46	Hydrothermal Synthesis of Nanofibrous Bismuth Vanadate. <i>Chemistry Letters</i> , 2005, 34, 850-851.	1.3	115
47	TiO ₂ @MCM-41 Synthesized from Colloidal Silica and Titanium Trichloride: Synthesis, Characterization, and Catalysis. <i>Chemistry of Materials</i> , 2001, 13, 994-998.	6.7	78
48	Fusion of clathrin and caveolae endocytic vesicles revealed by line-switching dual-color STED microscopy. <i>Journal of Innovative Optical Health Sciences</i> , 0, , 2150017.	1.0	3