

Yongping Zhang

List of Publications by Year in Descending Order

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Version: 2024-04-23

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38
papers

499
citations

14
h-index

20
g-index

39
ext. papers

669
ext. citations

4.4
avg, IF

4.4
L-index

#	Paper	IF	Citations
38	Chemical Cutting of Network Nodes in Polymeric Carbon Nitride for Enhanced Visible-Light Photocatalytic Hydrogen Generation. <i>ACS Applied Nano Materials</i> , 2022 , 5, 691-701	5.6	1
37	K, Na and Cl co-doped TiO ₂ nanorod arrays on carbon cloth for efficient photocatalytic degradation of formaldehyde under UV/visible LED irradiation. <i>Catalysis Science and Technology</i> , 2021 , 11, 230-238	5.5	6
36	Heterojunction of WO ₃ Particle and g-C ₃ N ₄ Nanowire for Enhanced Photocatalytic Hydrogen Evolution. <i>ChemistrySelect</i> , 2021 , 6, 8182-8187	1.8	1
35	Improvement of antibacterial activity of hydrothermal treated TC4 substrate through an in-situ grown TiO ₂ /g-C ₃ N ₄ Z-scheme heterojunction film. <i>Journal of Alloys and Compounds</i> , 2020 , 842, 155612	5.7	10
34	Sulfur Doped Carbon-Rich g-C ₃ N ₄ for Enhanced Photocatalytic H ₂ Evolution: Morphology and Crystallinity Effect. <i>Catalysis Letters</i> , 2020 , 150, 2487-2496	2.8	6
33	Morphology effect on the enhanced photocatalytic activity of potassium doped graphitic carbon nitride microtubes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020 , 401, 112759	4.7	3
32	Efficient photocatalytic degradation of gas-phase formaldehyde by Pt/TiO ₂ nanowires in a continuous flow reactor. <i>ChemCatChem</i> , 2020 , 12, 5420-5429	5.2	8
31	Tuning C-C sp ² /sp ³ ratio of DLC films in FCVA system for biomedical application. <i>Bioactive Materials</i> , 2020 , 5, 192-200	16.7	20
30	Plasma deposited APTES: A potential film for biomedical application. <i>Materials Letters</i> , 2020 , 264, 127350	3	3
29	Synergetic effect of C ₆₀ /g-C ₃ N ₄ nanowire composites for enhanced photocatalytic H ₂ evolution under visible light irradiation. <i>ChemCatChem</i> , 2020 , 12, 2022-2031	5.2	11
28	Template-free synthesis of tetragonal graphitic carbon nitride microtubes doped by sodium chloride for enhanced photocatalytic H ₂ performance under visible light irradiation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020 , 391, 112337	4.7	8
27	AgPO/g-CN nanocomposites for photocatalytic degrading gas phase formaldehyde at continuous flow under 420nm LED irradiation. <i>Chemosphere</i> , 2020 , 244, 125462	8.4	16
26	Barium- and Phosphorus-Codoped g-C ₃ N ₄ Microtubes with Efficient Photocatalytic H ₂ Evolution under Visible Light Irradiation. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 4549-4556	3.9	20
25	Boosting the Photocatalytic Hydrogen Evolution Performance of Mg- and Cl-Doped Graphitic Carbon Nitride Microtubes. <i>ACS Applied Energy Materials</i> , 2020 , 3, 9278-9284	6.1	10
24	Sulfur-Doped g-C ₃ N ₄ and BiPO ₄ Nanorod Hybrid Architectures for Enhanced Photocatalytic Hydrogen Evolution under Visible Light Irradiation. <i>ACS Applied Energy Materials</i> , 2020 , 3, 5024-5030	6.1	18
23	Embedding Sodium Ions in Graphitic Carbon Nitride Vacancies for Visible Light Photocatalytic H ₂ Evolution. <i>ACS Applied Nano Materials</i> , 2020 , 3, 4663-4669	5.6	13
22	Photocatalytic H ₂ evolution and MB degradation over nickel-doped graphitic carbon nitride microwires under visible light irradiation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019 , 382, 111931	4.7	15

21	Core-shell g-C ₃ N ₄ /Pt/TiO ₂ nanowires for simultaneous photocatalytic H ₂ evolution and RhB degradation under visible light irradiation. <i>Catalysis Science and Technology</i> , 2019 , 9, 4898-4908	5.5	30
20	Z-Scheme Ag ₃ PO ₄ /g-C ₃ N ₄ Nanocomposites for Robust Cocatalyst-Free Photocatalytic H ₂ Evolution Under Visible Light Irradiation. <i>Catalysis Letters</i> , 2019 , 149, 1154-1166	2.8	13
19	Diaryl ketone-based hole-transporting materials for efficient perovskite solar cells. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 3226-3230	7.1	13
18	Photocatalytic Degradation Kinetics of Gaseous Formaldehyde Flow Using TiO ₂ Nanowires. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 4456-4465	8.3	41
17	The effect of metallic Fe(ii) and nonmetallic S codoping on the photocatalytic performance of graphitic carbon nitride.. <i>RSC Advances</i> , 2018 , 8, 7558-7568	3.7	17
16	Graphitic Carbon Nitride with S and Fe(III) Codoping for Improved Photodegradation Performance. <i>Catalysis Letters</i> , 2018 , 148, 601-611	2.8	15
15	Band structure engineering of graphitic carbon nitride via Cu ²⁺ /Cu ⁺ doping for enhanced visible light photoactivity. <i>Materials Chemistry and Physics</i> , 2018 , 214, 482-488	4.4	32
14	ECR-MPCVD fabricated nitrogen doped DLC films for potential biomedical application. <i>Materials Research Express</i> , 2018 , 5, 095403	1.7	1
13	A facile approach to synthesize graphitic carbon nitride microwires for enhanced photocatalytic H ₂ evolution from water splitting under full solar spectrum. <i>Catalysis Science and Technology</i> , 2018 , 8, 3599-3609	5.5	26
12	Graphitic carbon nitride with S and O codoping for enhanced visible light photocatalytic performance. <i>RSC Advances</i> , 2017 , 7, 15842-15850	3.7	70
11	Morphological evolution of Ge islands on the Si(100) surface: from huts to pits. <i>Surface and Interface Analysis</i> , 2017 , 49, 384-387	1.5	1
10	Ag/g-C ₃ N ₄ layered composites with enhanced visible light photocatalytic performance. <i>Materials Research Express</i> , 2016 , 3, 115003	1.7	17
9	Tuning the structure of MoO ₃ nanoplates via MoS ₂ oxidation. <i>Philosophical Magazine Letters</i> , 2016 , 96, 347-354	1	9
8	Convenient and green soft chemical route to cuprous oxide films and their visible-light photocatalytic properties. <i>Micro and Nano Letters</i> , 2015 , 10, 554-557	0.9	3
7	Nucleation and growth of Ge nanoclusters on the Si(111)-(7 × 7) surface studied by scanning tunneling microscopy. <i>Surface and Interface Analysis</i> , 2015 , 47, 222-226	1.5	
6	Influence of Position on the Microstructure of Carbon Black/Polyvinyl Alcohol Composite Obtained by the Directional Freeze-drying Process. <i>Journal of Macromolecular Science - Physics</i> , 2014 , 53, 568-574	1.4	6
5	Dissociative adsorption of 3-chloropropyne on Si(111)-(7 × 7): binding and structure. <i>Langmuir</i> , 2013 , 29, 1868-74	4	1
4	Pore expansion of highly monodisperse phenylene-bridged organosilica spheres for chromatographic application. <i>Talanta</i> , 2010 , 81, 824-30	6.2	22

3	Phenylene-bridged hybrid spheres for high performance liquid chromatography. <i>Analytical Methods</i> , 2009, 1, 123-127	3.2	10
2	Judgment of horizontal well liquid loading in fractured low-permeability gas reservoirs. <i>Petroleum Science and Technology</i> , 1-22	1.4	1
1	Facile Synthesis of Fluorine Doped Rutile TiO ₂ Nanorod Arrays for Photocatalytic Removal of Formaldehyde. <i>Catalysis Letters</i> , 1	2.8	2