

Yaoguang Yu

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,658
citations

471509

17
h-index

580821

25
g-index

27
all docs

27
docs citations

27
times ranked

2848
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel high-efficiency visible-light sensitive Ag ₂ CO ₃ photocatalyst with universal photodegradation performances: Simple synthesis, reaction mechanism and first-principles study. Applied Catalysis B: Environmental, 2013, 134-135, 46-54.	20.2	305
2	Facile Approach to Synthesize g-PAN/g-C ₃ N ₄ Composites with Enhanced Photocatalytic H ₂ Evolution Activity. ACS Applied Materials & Interfaces, 2014, 6, 7171-7179.	8.0	266
3	The sulfur-bubble template-mediated synthesis of uniform porous g-C ₃ N ₄ with superior photocatalytic performance. Chemical Communications, 2015, 51, 425-427.	4.1	148
4	ZIF-8 derived carbon (C-ZIF) as a bifunctional electron acceptor and HER cocatalyst for g-C ₃ N ₄ : construction of a metal-free, all carbon-based photocatalytic system for efficient hydrogen evolution. Journal of Materials Chemistry A, 2016, 4, 3822-3827.	10.3	127
5	The synthesis of condensed C-PDA@g-C ₃ N ₄ composites with superior photocatalytic performance. Chemical Communications, 2015, 51, 6824-6827.	4.1	99
6	Visible-light-driven ZnIn ₂ S ₄ /CdIn ₂ S ₄ composite photocatalyst with enhanced performance for photocatalytic H ₂ evolution. International Journal of Hydrogen Energy, 2013, 38, 1278-1285.	7.1	95
7	The facile synthesis of mesoporous g-C ₃ N ₄ with highly enhanced photocatalytic H ₂ evolution performance. Chemical Communications, 2015, 51, 16244-16246.	4.1	82
8	An efficient method to enhance the stability of sulphide semiconductor photocatalysts: a case study of N-doped ZnS. Physical Chemistry Chemical Physics, 2015, 17, 1870-1876.	2.8	79
9	Preparation of 1D cubic Cd _{0.8} Zn _{0.2} S solid-solution nanowires using levelling effect of TGA and improved photocatalytic H ₂ -production activity. Journal of Materials Chemistry A, 2015, 3, 1696-1702.	10.3	73
10	Sonochemistry synthesis and enhanced photocatalytic H ₂ -production activity of nanocrystals embedded in CdS/ZnS/In ₂ S ₃ microspheres. Nanoscale, 2012, 4, 2010.	5.6	67
11	Hydrogen-Location-Sensitive Modulation of the Redox Reactivity for Oxygen-Deficient TiO ₂ . Journal of the American Chemical Society, 2019, 141, 8407-8411.	13.7	59
12	Hierarchical architectures of porous ZnS-based microspheres by assembly of heterostructure nanoflakes: lateral oriented attachment mechanism and enhanced photocatalytic activity. Energy and Environmental Science, 2011, 4, 3652.	30.8	56
13	A new oxynitride-based solid state Z-scheme photocatalytic system for efficient Cr(VI) reduction and water oxidation. Applied Catalysis B: Environmental, 2016, 183, 176-184.	20.2	36
14	Urea-assisted synthesis of ultra-thin hexagonal tungsten trioxide photocatalyst sheets. Journal of Materials Science, 2015, 50, 8111-8119.	3.7	22
15	Template and surfactant free synthesis of hierarchical WO ₃ ·0.33H ₂ O via a facile solvothermal route for photocatalytic RhB degradation. CrystEngComm, 2014, 16, 6107-6113.	2.6	20
16	Engineering the Band Gap States of the Rutile TiO ₂ (110) Surface by Modulating the Active Heteroatom. Angewandte Chemie - International Edition, 2018, 57, 8550-8554.	13.8	20
17	Crooked Ag ₂ Te nanowires with rough surfaces: facile microwave-assisted solution synthesis, growth mechanism, and electrical performances. New Journal of Chemistry, 2014, 38, 59-62.	2.8	19
18	Oxygen functional groups induced formation of Cu ₂ O nanoparticles on the surface of reduced graphene oxide. New Journal of Chemistry, 2013, 37, 2845.	2.8	17

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19	Mixed solvothermal synthesis of hierarchical ZnIn ₂ S ₄ spheres: specific facet-induced photocatalytic activity enhancement and a DFT elucidation. <i>RSC Advances</i> , 2013, 3, 18579.	3.6	17
20	Solvothermal synthesis of pyrochlore-type cubic tungsten trioxide hemihydrate and high photocatalytic activity. <i>New Journal of Chemistry</i> , 2014, 38, 3071-3077.	2.8	17
21	Effects of La-doping on charge separation behavior of ZnO:GaN for its enhanced photocatalytic performance. <i>Catalysis Science and Technology</i> , 2016, 6, 1033-1041.	4.1	13
22	Improved light absorption and photocatalytic activity of Zn,N-TiO ₂ rich in oxygen vacancies synthesized by nitridation and hydrogenation. <i>New Journal of Chemistry</i> , 2015, 39, 2417-2420.	2.8	9
23	Fast synthesis of double-directional tellurium submicron needles by microwave-assisted solution method. <i>CrystEngComm</i> , 2013, 15, 241-244.	2.6	5
24	In situ formation of metal CdxZn1-xS nanocrystals on graphene surface: a novel method to synthesise sulfide-graphene nanocomposites. <i>RSC Advances</i> , 2014, 4, 29555.	3.6	4
25	Construction of hollow tellurium hierarchical architecture via a trisodium citrate assisted self-sacrificed template eroding mechanism. <i>RSC Advances</i> , 2014, 4, 36257.	3.6	3