Jiao He

List of Publications by Year
in descending order

20 papers	900 citations	840585 11 h-index	752573 20 g-index
20 all docs	20 docs citations	20 times ranked	1383 citing authors

#	Article	IF	Citations
1	Significantly Enhanced Photocatalytic Hydrogen Evolution Under Visible Light Over LaCoO3-Decorated Cubic/Hexagonal Mn0.25Cd0.75S. Catalysis Letters, 2022, 152, 659-668.	1.4	8
2	Photocatalytic reduction of Cr(VI) within mesoporous TiO₂ templated and confined with chlorophyll. Nano Select, 2022, 3, 140-146.	1.9	2
3	Carbon supported copper catalyst prepared in situ by one-pot pyrolysis of Bougainvillea glabra: An efficient and stable catalyst for selective oxidation of cyclohexane. Applied Surface Science, 2022, 576, 151833.	3.1	26
4	Enhancing visible-light photocatalytic activity of hard-biotemplated TiO2: From macrostructural morphology replication to microstructural building units design. Journal of Alloys and Compounds, 2022, 898, 162886.	2.8	22
5	Biotemplated CdS Nano-Aggregate Networks for Highly Effective Visible-Light Photocatalytic Hydrogen Production. Nanomaterials, 2022, 12, 1268.	1.9	4
6	UiO-66 with confined dyes for adsorption and visible-light photocatalytic reduction of aqueous Cr(VI). Inorganic Chemistry Communication, 2022, 140, 109441.	1.8	13
7	One-pot synthesis of Bi3O(PO4)2(OH) embedded on rod-like BiPO4 for efficient adsorption and visible-light photocatalytic reduction of aqueous Cr(VI). Journal of Alloys and Compounds, 2021, 881, 160518.	2.8	4
8	Facile direct synthesis of graphene-wrapped ZnO nanospheres from cyanobacterial cells. Chemical Communications, 2019, 55, 11410-11413.	2.2	9
9	Efficient Charge Carrier Separation in l-Alanine Acids Derived N-TiO2 Nanospheres: The Role of Oxygen Vacancies in Tetrahedral Ti4+ Sites. Nanomaterials, 2019, 9, 698.	1.9	11
10	Highly Efficient Red Cabbage Anthocyanin Inserted TiO2 Aerogel Nanocomposites for Photocatalytic Reduction of Cr(VI) under Visible Light. Nanomaterials, 2018, 8, 937.	1.9	14
11	Biotemplated Mesoporous TiO2/SiO2 Composite Derived from Aquatic Plant Leaves for Efficient Dye Degradation. Catalysts, 2017, 7, 82.	1.6	19
12	Low-Temperature Sol-Gel Synthesis of Nitrogen-Doped Anatase/Brookite Biphasic Nanoparticles with High Surface Area and Visible-Light Performance. Catalysts, 2017, 7, 376.	1.6	12
13	Noble Metal-Free Ceria-Zirconia Solid Solutions Templated by Tobacco Materials for Catalytic Oxidation of CO. Catalysts, 2016, 6, 135.	1.6	7
14	Hydrilla derived ZnIn2S4 photocatalyst with hexagonal-cubic phase junctions: A bio-inspired approach for H2 evolution. Catalysis Communications, 2016, 87, 1-5.	1.6	42
15	Solar Light Photocatalytic Degradation of Nitrite in Aqueous Solution Over CdS Embedded on Metalâ€“Organic Frameworks. Water, Air, and Soil Pollution, 2015, 226, 1.	1.1	8
16	A dye-sensitized Pt@UiO-66(Zr) metalâ€“organic framework for visible-light photocatalytic hydrogen production. Chemical Communications, 2014, 50, 7063-7066.	2.2	363
17	Biogenic C-doped titania templated by cyanobacteria for visible-light photocatalytic degradation of Rhodamine B. Journal of Environmental Sciences, 2014, 26, 1195-1202.	3.2	18
18	Diatom-templated TiO2 with enhanced photocatalytic activity: biomimetics of photonic crystals. Applied Physics A: Materials Science and Processing, 2013, 113, 327-332.	1.1	25

#	Article	IF	Citations
19	Significantly enhanced photocatalytic hydrogen evolution under visible light over CdS embedded on metalâ€“organic frameworks. Chemical Communications, 2013, 49, 6761.	2.2	253
20	Synthesis, characterizations and photocatalytic studies of mesoporous titania prepared by using four plant skins as templates. Materials Science and Engineering C, 2010, 30, 839-846.	3.8	40