

Jianqiang Hu

List of Publications by Year in descending order

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923
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#	ARTICLE	IF	CITATIONS
1	Convincing Synthesis of Atomically Thin, Single-Crystalline InVO ₄ Sheets toward Promoting Highly Selective and Efficient Solar Conversion of CO ₂ into CO. <i>Journal of the American Chemical Society</i> , 2019, 141, 4209-4213.	14.2	199
2	State-of-the-art advancements of crystal facet-exposed photocatalysts beyond TiO ₂ : Design and dependent performance for solar energy conversion and environment applications. <i>Materials Today</i> , 2020, 33, 75-86.	14.6	97
3	A Versatile Strategy for Shish-Kebab-like Multi-heterostructured Chalcogenides and Enhanced Photocatalytic Hydrogen Evolution. <i>Journal of the American Chemical Society</i> , 2015, 137, 11004-11010.	14.2	95
4	Artificial Trees for Artificial Photosynthesis: Construction of Dendrite-Structured $\text{In}_2\text{Fe}_2\text{O}_3/\text{g-C}_3\text{N}_4$ Z-Scheme System for Efficient CO ₂ Reduction into Solar Fuels. <i>ACS Applied Energy Materials</i> , 2020, 3, 6561-6572.	5.2	67
5	Bi ₂ MoO ₆ Nanostrip Networks for Enhanced Visible-Light Photocatalytic Reduction of CO ₂ to CH ₄ . <i>ChemPhysChem</i> , 2017, 18, 3240-3244.	2.1	38
6	<i>In situ</i> construction of a 2D/2D heterostructured ZnIn ₂ S ₄ /Bi ₂ MoO ₆ Z-scheme system for boosting the photoreduction activity of Cr(<i>vi</i>). <i>Catalysis Science and Technology</i> , 2021, 11, 3885-3893.	4.2	30
7	Highly symmetrical, 24-faceted, concave BiVO ₄ polyhedron bounded by multiple high-index facets for prominent photocatalytic O ₂ evolution under visible light. <i>Chemical Communications</i> , 2019, 55, 4777-4780.	4.2	29
8	BiVO ₄ tubular structures: oxygen defect-rich and largely exposed reactive {010} facets synergistically boost photocatalytic water oxidation and the selective Ni-N coupling reaction of 5-amino-1 <i>H</i> -tetrazole. <i>Chemical Communications</i> , 2019, 55, 5635-5638.	4.2	17
9	Simple fabrication of Z-scheme MgIn ₂ S ₄ /Bi ₂ WO ₆ hierarchical heterostructures for enhancing photocatalytic reduction of Cr(<i>vi</i>). <i>Catalysis Science and Technology</i> , 2021, 11, 6271-6280.	4.2	15
10	<i>In situ</i> preparation of Bi ₂ S ₃ nanoribbon-anchored BiVO ₄ nanoscroll heterostructures for the catalysis of Cr(<i>vi</i>) photoreduction. <i>Catalysis Science and Technology</i> , 2020, 10, 3843-3847.	4.2	14
11	Direct Z-scheme hierarchical heterostructures of oxygen-doped g-C ₃ N ₄ /In ₂ S ₃ with efficient photocatalytic Cr(<i>vi</i>) reduction activity. <i>Catalysis Science and Technology</i> , 2021, 11, 7963-7972.	4.2	13