

Yu-Ji Gao

List of Publications by Year in descending order

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16
papers

759
citations

687363

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940533

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17
docs citations

17
times ranked

1200
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Assembled Framework Enhances Electronic Communication of Ultrasmall-Sized Nanoparticles for Exceptional Solar Hydrogen Evolution. <i>Journal of the American Chemical Society</i> , 2017, 139, 4789-4796.	13.7	146
2	A solution-processed, mercaptoacetic acid-engineered CdSe quantum dot photocathode for efficient hydrogen production under visible light irradiation. <i>Energy and Environmental Science</i> , 2015, 8, 1443-1449.	30.8	90
3	Direct synthesis of all-inorganic heterostructured CdSe/CdS QDs in aqueous solution for improved photocatalytic hydrogen generation. <i>Journal of Materials Chemistry A</i> , 2017, 5, 10365-10373.	10.3	89
4	Surface stoichiometry manipulation enhances solar hydrogen evolution of CdSe quantum dots. <i>Journal of Materials Chemistry A</i> , 2018, 6, 6015-6021.	10.3	57
5	Susceptible Surface Sulfide Regulates Catalytic Activity of CdSe Quantum Dots for Hydrogen Photogeneration. <i>Advanced Materials</i> , 2019, 31, e1804872.	21.0	55
6	Exceptional Catalytic Nature of Quantum Dots for Photocatalytic Hydrogen Evolution without External Cocatalysts. <i>Advanced Functional Materials</i> , 2018, 28, 1801769.	14.9	54
7	Nonstoichiometric Cu _x In _y S Quantum Dots for Efficient Photocatalytic Hydrogen Evolution. <i>ChemSusChem</i> , 2017, 10, 4833-4838.	6.8	45
8	Tracking Co(I) Intermediate in Operando in Photocatalytic Hydrogen Evolution by X-ray Transient Absorption Spectroscopy and DFT Calculation. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 5253-5258.	4.6	44
9	Rational Design of Dot-Rod Nano-Heterostructure for Photocatalytic CO ₂ Reduction: Pivotal Role of Hole Transfer and Utilization. <i>Advanced Materials</i> , 2022, 34, e2106662.	21.0	42
10	Site- and Spatial-Selective Integration of Non-noble Metal Ions into Quantum Dots for Robust Hydrogen Photogeneration. <i>Matter</i> , 2020, 3, 571-585.	10.0	36
11	Direct synthesis of sulfide capped CdS and CdS/ZnS colloidal nanocrystals for efficient hydrogen evolution under visible light irradiation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 16328-16332.	10.3	29
12	Self-assembled inorganic clusters of semiconducting quantum dots for effective solar hydrogen evolution. <i>Chemical Communications</i> , 2018, 54, 4858-4861.	4.1	14
13	Reductive Carbon-Carbon Coupling on Metal Sites Regulates Photocatalytic CO ₂ Reduction in Water Using ZnSe Quantum Dots. <i>Angewandte Chemie</i> , 0, , .	2.0	4
14	Simultaneous Conduction and Valence Band Regulation of Indium-Based Quantum Dots for Efficient H ₂ Photogeneration. <i>Nanomaterials</i> , 2021, 11, 1115.	4.1	3
15	Solar Energy Conversion: Hole-Accepting-Ligand-Modified CdSe QDs for Dramatic Enhancement of Photocatalytic and Photoelectrochemical Hydrogen Evolution by Solar Energy (<i>Adv. Sci.</i> 4/2016). <i>Advanced Science</i> , 2016, 3, .	11.2	1
16	Photocatalytic Hydrogen Evolution: Susceptible Surface Sulfide Regulates Catalytic Activity of CdSe Quantum Dots for Hydrogen Photogeneration (<i>Adv. Mater.</i> 7/2019). <i>Advanced Materials</i> , 2019, 31, 1970048.	21.0	1