

Haruki Nagakawa

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Highly Efficient Hydrogen Production in the Photoreforming of Lignocellulosic Biomass Catalyzed by Cu,In- δ -Doped ZnS Derived from ZIF-8. <i>Advanced Materials Interfaces</i> , 2022, 9, 2101581.	1.9	6
2	Highly Efficient Photocatalytic Degradation of Hydrogen Sulfide in the Gas Phase Using Anatase/TiO ₂ (B) Nanotubes. <i>ACS Omega</i> , 2022, 7, 11946-11955.	1.6	15
3	Elucidating the Factors Affecting Hydrogen Production Activity Using a CdS/TiO ₂ Type-II Composite Photocatalyst. <i>ACS Omega</i> , 2021, 6, 4395-4400.	1.6	17
4	Photoreforming of Organic Waste into Hydrogen Using a Thermally Radiative CdO/CdS/SiC Photocatalyst. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 47511-47519.	4.0	34
5	Photoreforming of Lignocellulosic Biomass into Hydrogen under Sunlight in the Presence of Thermally Radiative CdS/SiC Composite Photocatalyst. <i>ACS Applied Energy Materials</i> , 2021, 4, 1059-1062.	2.5	18
6	<i>In situ</i> synthesis of CdS/CdWO ₄ nanorods core-shell composite <i>via</i> acid dissolution. <i>RSC Advances</i> , 2020, 10, 105-111.	1.7	8
7	Elucidation of the electron energy structure of TiO ₂ (B) and anatase photocatalysts through analysis of electron trap density. <i>RSC Advances</i> , 2020, 10, 18496-18501.	1.7	11
8	Water Purification in Dark Conditions Using Photocatalytic Light-leakage Type Plastic Optical Fiber. <i>Chemistry Letters</i> , 2020, 49, 199-202.	0.7	1
9	Over All Water Splitting By Anti-Photocorrosive Core-Shell Composite Sulfide Photocatalyst Synthesized Via Acid Dissolution Process. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 3114-3114.	0.0	0
10	Efficient hydrogen production using photosystem I enhanced by artificial light harvesting dye. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 309-313.	1.6	25
11	Enhancement of Photocurrent by Integration of an Artificial Light-Harvesting Antenna with a Photosystem I Photovoltaic Device. <i>ACS Applied Energy Materials</i> , 2019, 2, 3986-3990.	2.5	18
12	Fabrication of CdS/ β -SiC/TiO ₂ tri-composites that exploit hole- and electron-transfer processes for photocatalytic hydrogen production under visible light. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 2207-2211.	3.8	18
13	Photocatalytic Oxidation of Aqueous Ammonia to Nitrite and Nitrate Ions on Zeolite- γ -TiO ₂ . <i>Chemistry Letters</i> , 2018, 47, 1542-1544.	0.7	4
14	Effective Photocatalytic Hydrogen Evolution by Cascadal Carrier Transfer in the Reverse Direction. <i>ACS Omega</i> , 2018, 3, 12770-12777.	1.6	14
15	Visible-Light Overall Water Splitting by CdS/WO ₃ /CdWO ₄ Tricomposite Photocatalyst Suppressing Photocorrosion. <i>ACS Applied Energy Materials</i> , 2018, 1, 6730-6735.	2.5	43