

Shunya Yoshino

List of Publications by Year in descending order

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9
papers

759
citations

1163117

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1372567

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docs citations

10
times ranked

1118
citing authors

#	ARTICLE	IF	CITATIONS
1	Photocatalytic CO ₂ Reduction Using Water as an Electron Donor under Visible Light Irradiation by Z-Scheme and Photoelectrochemical Systems over (CuGa) _{0.5} ZnS ₂ in the Presence of Basic Additives. Journal of the American Chemical Society, 2022, 144, 2323-2332.	13.7	56
2	CO ₂ Reduction Using Water as an Electron Donor over Heterogeneous Photocatalysts Aiming at Artificial Photosynthesis. Accounts of Chemical Research, 2022, 55, 966-977.	15.6	80
3	Photocatalytic CO ₂ reduction by a Z-scheme mechanism in an aqueous suspension of particulate (CuGa) _{0.3} Zn _{1.4} S ₂ , BiVO ₄ and a Co complex operating dual-functionally as an electron mediator and as a cocatalyst. Applied Catalysis B: Environmental, 2022, 316, 121600.	20.2	8
4	Z-Schematic CO ₂ Reduction to CO through Interparticle Electron Transfer between SrTiO ₃ :Rh of a Reducing Photocatalyst and BiVO ₄ of a Water Oxidation Photocatalyst under Visible Light. ACS Applied Energy Materials, 2020, 3, 10001-10007.	5.1	30
5	Z-Schematic Solar Water Splitting Using Fine Particles of H ₂ -Evolving (CuGa) _{0.5} ZnS ₂ Photocatalyst Prepared by a Flux Method with Chloride Salts. ACS Applied Energy Materials, 2020, 3, 5684-5692.	5.1	22
6	Z-scheme photocatalyst systems employing Rh- and Ir-doped metal oxide materials for water splitting under visible light irradiation. Faraday Discussions, 2019, 215, 313-328.	3.2	33
7	Solar Water Splitting under Neutral Conditions Using Z-Scheme Systems with Mo-Doped BiVO ₄ as an O ₂ -Evolving Photocatalyst. Energy Technology, 2019, 7, 1900358.	3.8	13
8	Z-Schematic and visible-light-driven CO ₂ reduction using H ₂ O as an electron donor by a particulate mixture of a Ru-complex/(CuGa) _{1-x} Zn _{2x} S ₂ hybrid catalyst, BiVO ₄ and an electron mediator. Chemical Communications, 2018, 54, 10199-10202.	4.1	52
9	Water Splitting and CO ₂ Reduction under Visible Light Irradiation Using Z-Scheme Systems Consisting of Metal Sulfides, CoOx-Loaded BiVO ₄ , and a Reduced Graphene Oxide Electron Mediator. Journal of the American Chemical Society, 2016, 138, 10260-10264.	13.7	461