

# Shunya Yoshino

## List of Publications by Year in descending order

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Version: 2024-02-01

9  
papers

759  
citations

1163117

8  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

1118  
citing authors

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