

# Shien Guo

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

2,019  
citations

430874

18  
h-index

454955

30  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2769  
citing authors

#	ARTICLE	IF	CITATIONS
1	CO <sub>2</sub> capture and conversion to value-added products promoted by MXene-based materials. Green Energy and Environment, 2022, 7, 394-410.	8.7	54
2	Supramolecular precursor derived loofah sponge-like Fe <sub>2</sub> O <sub>3</sub> /C for effective synergistic reaction of Fenton and photocatalysis. Nano Research, 2022, 15, 1949-1958.	10.4	9
3	Efficient Suzuki-Miyaura cross-coupling reaction by loading trace Pd nanoparticles onto copper-complex-derived Cu/C-700 solid support. Journal of Colloid and Interface Science, 2022, 608, 2463-2471.	9.4	12
4	Construction of a hierarchical ZnIn <sub>2</sub> S <sub>4</sub> /C <sub>3</sub> N <sub>4</sub> heterojunction for the enhanced photocatalytic degradation of tetracycline. Dalton Transactions, 2022, 51, 2323-2330.	3.3	10
5	UiO-66-NH <sub>2</sub> Octahedral Nanocrystals Decorated with ZnFe <sub>2</sub> O <sub>4</sub> Nanoparticles for Photocatalytic Alcohol Oxidation. ACS Applied Nano Materials, 2022, 5, 2231-2240.	5.0	17
6	Visible Light-Driven Selective Reduction of CO <sub>2</sub> by Acetylene-Bridged Cobalt Porphyrin Conjugated Polymers. ChemSusChem, 2022, 15, .	6.8	4
7	Synergetic enhancement of surface reactions and charge separation over holey C <sub>3</sub> N <sub>4</sub> /TiO <sub>2</sub> 2D heterojunctions. Science Bulletin, 2021, 66, 275-283.	9.0	61
8	Oxidative annulations via double C-H bond cleavages: Approach to quinoline derivatives. Applied Organometallic Chemistry, 2021, 35, e6156.	3.5	3
9	Encapsulation of Pd Nanoparticles in Covalent Triazine Frameworks for Enhanced Photocatalytic CO <sub>2</sub> Conversion. ACS Sustainable Chemistry and Engineering, 2021, 9, 12646-12654.	6.7	28
10	Direct Z-scheme hierarchical heterostructures of oxygen-doped g-C <sub>3</sub> N <sub>4</sub> /In <sub>2</sub> S <sub>3</sub> with efficient photocatalytic Cr(VI) reduction activity. Catalysis Science and Technology, 2021, 11, 7963-7972.	4.1	13
11	Visible Light-Driven Photoreduction of CO <sub>2</sub> to CH <sub>4</sub> over TiO <sub>2</sub> Using a Multiple-Site Ionic Liquid as an Absorbent and Photosensitizer. ACS Sustainable Chemistry and Engineering, 2020, 8, 9088-9094.	6.7	26
12	A Novel Route to Synthesize N-Dimethyl Arylmethylamines from Aryl Aldehydes, Hexamethylenetetramine and Hydrogen. Chinese Journal of Chemistry, 2020, 38, 842-846.	4.9	3
13	Carbon Nitride-Based Single-Atom Cu Catalysts for Highly Efficient Carboxylation of Alkynes with Atmospheric CO <sub>2</sub> . Industrial & Engineering Chemistry Research, 2020, 59, 7327-7335.	3.7	53
14	Biomass-derived metal-organic hybrids for CO <sub>2</sub> transformation under ambient conditions. Green Chemistry, 2020, 22, 2846-2851.	9.0	17
15	Direct Z-scheme Heterojunction of SnS <sub>2</sub> /Sulfur-Bridged Covalent Triazine Frameworks for Visible-Light-Driven CO <sub>2</sub> Photoreduction. ChemSusChem, 2020, 13, 6278-6283.	6.8	48
16	Eosin-Y-Functionalized Conjugated Organic Polymers for Visible-Light-Driven CO <sub>2</sub> Reduction with H <sub>2</sub> O to CO with High Efficiency. Angewandte Chemie, 2019, 131, 642-646.	2.0	19
17	Photocatalytic Reduction of Carbon Dioxide over Quinacridone Nanoparticles Supported on Reduced Graphene Oxide. Industrial & Engineering Chemistry Research, 2019, 58, 9636-9643.	3.7	22
18	Visible-light-driven photoreduction of CO <sub>2</sub> to CO over porous nitrogen-deficient carbon nitride nanotubes. Catalysis Science and Technology, 2019, 9, 2485-2492.	4.1	26

#	ARTICLE	IF	CITATIONS
19	Eosinâ€¦Functionalized Conjugated Organic Polymers for Visibleâ€¦Lightâ€¦Driven CO <sub>2</sub> Reduction with H <sub>2</sub> O to CO with High Efficiency. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 632-636.	13.8	162
20	Visible-Light-Driven Photoreduction of CO <sub>2</sub> to CH <sub>4</sub> over N,O,P-Containing Covalent Organic Polymer Submicrospheres. <i>ACS Catalysis</i> , 2018, 8, 4576-4581.	11.2	99
21	Cobalt-Catalyzed Synthesis of Unsymmetrically <i>N,N</i> -Disubstituted Formamides via Reductive Coupling of Primary Amines and Aldehydes with CO <sub>2</sub> and H <sub>2</sub> . <i>Organic Letters</i> , 2018, 20, 6622-6626.	4.6	16
22	N-doped carbon supported Pd catalysts for N-formylation of amines with CO <sub>2</sub> /H <sub>2</sub> . <i>Science China Chemistry</i> , 2018, 61, 725-731.	8.2	34
23	Mesoporous imine-based organic polymer: catalyst-free synthesis in water and application in CO <sub>2</sub> conversion. <i>Chemical Communications</i> , 2018, 54, 7633-7636.	4.1	28
24	Promising biomass-derived hierarchical porous carbon material for high performance supercapacitor. <i>RSC Advances</i> , 2017, 7, 10385-10390.	3.6	46
25	Visible-light-driven conversion of CO <sub>2</sub> from air to CO using an ionic liquid and a conjugated polymer. <i>Green Chemistry</i> , 2017, 19, 5777-5781.	9.0	62
26	Phosphorusâ€¦Doped Carbon Nitride Tubes with a Layered Microâ€¦Nanostructure for Enhanced Visibleâ€¦Light Photocatalytic Hydrogen Evolution. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1830-1834.	13.8	869
27	Phosphorusâ€¦Doped Carbon Nitride Tubes with a Layered Microâ€¦Nanostructure for Enhanced Visibleâ€¦Light Photocatalytic Hydrogen Evolution. <i>Angewandte Chemie</i> , 2016, 128, 1862-1866.	2.0	173
28	A hybridized heterojunction structure between TiO <sub>2</sub> nanorods and exfoliated graphitic carbon-nitride sheets for hydrogen evolution under visible light. <i>CrystEngComm</i> , 2016, 18, 6875-6880.	2.6	13
29	The fabrication and the characterization of a TiO <sub>2</sub> /titanate nanohybrid for efficient hydrogen evolution. <i>RSC Advances</i> , 2015, 5, 13011-13015.	3.6	6
30	A hierarchical porous carbon material from a loofah sponge network for high performance supercapacitors. <i>RSC Advances</i> , 2015, 5, 42430-42437.	3.6	86