

# Shuyang Wu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9287421/publications.pdf>

Version: 2024-02-01

16  
papers

1,265  
citations

840776

11  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1756  
citing authors

#	ARTICLE	IF	CITATIONS
1	Amino-Assisted Anchoring of CsPbBr <sub>3</sub> Perovskite Quantum Dots on Porous g-C <sub>3</sub> N <sub>4</sub> for Enhanced Photocatalytic CO <sub>2</sub> Reduction. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13570-13574.	13.8	432
2	Investigating the Role of Tunable Nitrogen Vacancies in Graphitic Carbon Nitride Nanosheets for Efficient Visible-Light-Driven H <sub>2</sub> Evolution and CO <sub>2</sub> Reduction. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 7260-7268.	6.7	322
3	Amino-Assisted Anchoring of CsPbBr <sub>3</sub> Perovskite Quantum Dots on Porous g-C <sub>3</sub> N <sub>4</sub> for Enhanced Photocatalytic CO <sub>2</sub> Reduction. <i>Angewandte Chemie</i> , 2018, 130, 13758-13762.	2.0	172
4	Isolated Ni single atoms in nitrogen doped ultrathin porous carbon templated from porous g-C <sub>3</sub> N <sub>4</sub> for high-performance CO <sub>2</sub> reduction. <i>Nano Energy</i> , 2020, 77, 105158.	16.0	83
5	Anchoring Active Pt <sup>2+</sup> /Pt <sup>0</sup> Hybrid Nanodots on g-C <sub>3</sub> N <sub>4</sub> Nitrogen Vacancies for Photocatalytic H <sub>2</sub> Evolution. <i>ChemSusChem</i> , 2019, 12, 2029-2034.	6.8	54
6	Rational Synthesis of Amorphous Iron-Nickel Phosphonates for Highly Efficient Photocatalytic Water Oxidation with Almost 100% Yield. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1171-1175.	13.8	32
7	Construction of hole-transported MoO <sub>3</sub> coupled with CdS nanospheres for boosting photocatalytic performance via oxygen-defects-mediated Z-scheme charge transfer. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4780.	3.5	29
8	Flame Synthesized Blue TiO <sub>2</sub> with Tunable Oxygen Vacancies from Surface to Grain Boundary to Bulk. <i>Small Methods</i> , 2021, 5, e2000928.	8.6	28
9	Premixed Stagnation Flame Synthesized TiO <sub>2</sub> Nanoparticles with Mixed Phases for Efficient Photocatalytic Hydrogen Generation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 14470-14479.	6.7	25
10	New Family of Plasmonic Photocatalysts without Noble Metals. <i>Chemistry of Materials</i> , 2019, 31, 2320-2327.	6.7	25
11	Single-Ni Sites Embedded in Multilayer Nitrogen-Doped Graphene Derived from Amino-Functionalized MOF for Highly Selective CO <sub>2</sub> Electroreduction. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 3792-3801.	6.7	24
12	Bimetallic MOF derived nickel nanoclusters supported by nitrogen-doped carbon for efficient electrocatalytic CO <sub>2</sub> reduction. <i>Nano Research</i> , 2023, 16, 4546-4553.	10.4	11
13	Super-resolution imaging of photogenerated charges on CdS/g-C <sub>3</sub> N <sub>4</sub> heterojunctions and its correlation with photoactivity. <i>Nanoscale</i> , 2022, 14, 5612-5624.	5.6	10
14	TiO <sub>2</sub> with controllable oxygen vacancies for efficient isopropanol degradation: photoactivity and reaction mechanism. <i>Catalysis Science and Technology</i> , 2021, 11, 4060-4071.	4.1	9
15	Spectrally Resolved Single Particle Photoluminescence Microscopy Reveals Heterogeneous Photocorrosion Activity of Cuprous Oxide Microcrystals. <i>Nano Letters</i> , 2022, 22, 4654-4660.	9.1	5
16	Rational Synthesis of Amorphous Iron-Nickel Phosphonates for Highly Efficient Photocatalytic Water Oxidation with Almost 100% Yield. <i>Angewandte Chemie</i> , 2020, 132, 1187-1191.	2.0	4