

# Peng Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9850549/publications.pdf>

Version: 2024-02-01

14  
papers

1,231  
citations

759233

12  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1343  
citing authors

#	ARTICLE	IF	CITATIONS
1	Linker functionalized poly(heptazine imide) as charge channel and activation site for enhancing photocatalytic nitrogen fixation in pure water. <i>Applied Catalysis B: Environmental</i> , 2022, 311, 121370.	20.2	33
2	Bridges engineering manipulated exciton dissociation and charge separation in small acceptors of PDI supramolecular for boosting photocatalytic nitrogen fixation. <i>Chemical Engineering Journal</i> , 2022, 441, 136084.	12.7	20
3	Edge- and bridge-engineering-mediated exciton dissociation and charge separation in carbon nitride to boost photocatalytic H <sub>2</sub> evolution integrated with selective amine oxidation. <i>Journal of Materials Chemistry A</i> , 2022, 10, 16448-16456.	10.3	22
4	Linkage engineering mediated carriers transfer and surface reaction over carbon nitride for enhanced photocatalytic activity. <i>Journal of Materials Chemistry A</i> , 2021, 9, 21732-21740.	10.3	25
5	Bismuth complexes with N/S coordination based metallopolymer as highly efficient photocatalyst for selective oxidation of styrene. <i>Fuel</i> , 2021, 302, 121127.	6.4	10
6	Unsaturated iron ion-based coordination polymer for highly efficient photocatalytic hydrogen evolution with simultaneous real wastewater degradation: mechanistic insight into multifunctional Fe-N sites. <i>Journal of Materials Chemistry A</i> , 2021, 9, 27041-27048.	10.3	11
7	Nitrogen defect structure and NO <sup>+</sup> intermediate promoted photocatalytic NO removal on H <sub>2</sub> treated g-C <sub>3</sub> N <sub>4</sub> . <i>Chemical Engineering Journal</i> , 2020, 379, 122282.	12.7	260
8	Rare-Earth Single-Atom La-N Charge-Transfer Bridge on Carbon Nitride for Highly Efficient and Selective Photocatalytic CO <sub>2</sub> Reduction. <i>ACS Nano</i> , 2020, 14, 15841-15852.	14.6	283
9	Double-Shell and Flower-Like Zn <sub>3</sub> C <sub>3</sub> N <sub>4</sub> Derived from in Situ Supramolecular Self-Assembly for Selective Aerobic Oxidation of Amines to Imines. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 14203-14209.	6.7	50
10	Preparation of Helical BiVO <sub>4</sub> /Ag/C <sub>3</sub> N <sub>4</sub> for Selective Oxidation of C-H Bond under Visible Light Irradiation. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 17500-17506.	6.7	36
11	A novel and efficient route for aryl ketones generation over Co <sub>3</sub> O <sub>4</sub> /Ag@C <sub>3</sub> N <sub>4</sub> photocatalyst. <i>Chemical Engineering Science</i> , 2019, 207, 271-279.	3.8	28
12	Porous double-shell CdS@C <sub>3</sub> N <sub>4</sub> octahedron derived by in situ supramolecular self-assembly for enhanced photocatalytic activity. <i>Applied Catalysis B: Environmental</i> , 2019, 252, 33-40.	20.2	255
13	Directional electron delivery and enhanced reactants activation enable efficient photocatalytic air purification on amorphous carbon nitride co-functionalized with O/La. <i>Applied Catalysis B: Environmental</i> , 2019, 242, 19-30.	20.2	103
14	Three-dimension hierarchical heterostructure of CdWO <sub>4</sub> microrods decorated with Bi <sub>2</sub> WO <sub>6</sub> nanoplates for high-selectivity photocatalytic benzene hydroxylation to phenol. <i>Applied Catalysis B: Environmental</i> , 2018, 234, 311-317.	20.2	95