

# Peng Chen

## List of Publications by Year in descending order

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14  
papers

1,231  
citations

759233

12  
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1058476

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Rare-Earth Single-Atom La <sup>III</sup> Charge-Transfer Bridge on Carbon Nitride for Highly Efficient and Selective Photocatalytic CO <sub>2</sub> Reduction. ACS Nano, 2020, 14, 15841-15852.	14.6	283
2	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> . Chemical Engineering Journal, 2020, 379, 122282.	12.7	260
3	Porous double-shell CdS@C <sub>3</sub> N <sub>4</sub> octahedron derived by in situ supramolecular self-assembly for enhanced photocatalytic activity. Applied Catalysis B: Environmental, 2019, 252, 33-40.	20.2	255
4	Directional electron delivery and enhanced reactants activation enable efficient photocatalytic air purification on amorphous carbon nitride co-functionalized with O/La. Applied Catalysis B: Environmental, 2019, 242, 19-30.	20.2	103
5	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. Applied Catalysis B: Environmental, 2018, 234, 311-317.	20.2	95
6	Double-Shell and Flower-Like ZnS@C <sub>3</sub> N <sub>4</sub> Derived from in Situ Supramolecular Self-Assembly for Selective Aerobic Oxidation of Amines to Imines. ACS Sustainable Chemistry and Engineering, 2019, 7, 14203-14209.	6.7	50
7	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. ACS Sustainable Chemistry and Engineering, 2019, 7, 17500-17506.	6.7	36
8	Linker functionalized poly(heptazine imide) as charge channel and activation site for enhancing photocatalytic nitrogen fixation in pure water. Applied Catalysis B: Environmental, 2022, 311, 121370.	20.2	33
9	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. Chemical Engineering Science, 2019, 207, 271-279.	3.8	28
10	Linkage engineering mediated carriers transfer and surface reaction over carbon nitride for enhanced photocatalytic activity. Journal of Materials Chemistry A, 2021, 9, 21732-21740.	10.3	25
11	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. Journal of Materials Chemistry A, 2022, 10, 16448-16456.	10.3	22
12	Bridges engineering manipulated exciton dissociation and charge separation in small acceptors of PDI supramolecular for boosting photocatalytic nitrogen fixation. Chemical Engineering Journal, 2022, 441, 136084.	12.7	20
13	Unsaturated iron ion-based coordination polymer for highly efficient photocatalytic hydrogen evolution with simultaneous real wastewater degradation: mechanistic insight into multifunctional Fe <sup>II</sup> sites. Journal of Materials Chemistry A, 2021, 9, 27041-27048.	10.3	11
14	Bismuth complexes with N/S coordination based metallopolymer as highly efficient photocatalyst for selective oxidation of styrene. Fuel, 2021, 302, 121127.	6.4	10