

# Feiyan Xu

## List of Publications by Year in descending order

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18  
papers

3,734  
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471061

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887659

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all docs

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docs citations

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times ranked

3394  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unique S-scheme heterojunctions in self-assembled TiO <sub>2</sub> /CsPbBr <sub>3</sub> hybrids for CO <sub>2</sub> photoreduction. Nature Communications, 2020, 11, 4613.	5.8	776
2	In Situ Grown Monolayer N-doped Graphene on CdS Hollow Spheres with Seamless Contact for Photocatalytic CO <sub>2</sub> Reduction. Advanced Materials, 2019, 31, e1902868.	11.1	515
3	CuInS <sub>2</sub> sensitized TiO <sub>2</sub> hybrid nanofibers for improved photocatalytic CO <sub>2</sub> reduction. Applied Catalysis B: Environmental, 2018, 230, 194-202.	10.8	407
4	S-scheme Heterojunction TiO <sub>2</sub> /CdS Nanocomposite Nanofiber as H <sub>2</sub> -Production Photocatalyst. ChemCatChem, 2019, 11, 6301-6309.	1.8	286
5	Graphdiyne-modified TiO <sub>2</sub> nanofibers with osteoinductive and enhanced photocatalytic antibacterial activities to prevent implant infection. Nature Communications, 2020, 11, 4465.	5.8	233
6	Direct Z-Scheme TiO <sub>2</sub> /NiS Core-Shell Hybrid Nanofibers with Enhanced Photocatalytic H <sub>2</sub> -Production Activity. ACS Sustainable Chemistry and Engineering, 2018, 6, 12291-12298.	3.2	216
7	Direct Z-scheme anatase/rutile bi-phase nanocomposite TiO <sub>2</sub> nanofiber photocatalyst with enhanced photocatalytic H <sub>2</sub> -production activity. International Journal of Hydrogen Energy, 2014, 39, 15394-15402.	3.8	213
8	Graphdiyne: A New Photocatalytic CO <sub>2</sub> Reduction Cocatalyst. Advanced Functional Materials, 2019, 29, 1904256.	7.8	207
9	1D/2D TiO <sub>2</sub> /MoS <sub>2</sub> Hybrid Nanostructures for Enhanced Photocatalytic CO <sub>2</sub> Reduction. Advanced Optical Materials, 2018, 6, 1800911.	3.6	190
10	Sustained CO <sub>2</sub> -photoreduction activity and high selectivity over Mn, C-codoped ZnO core-triple shell hollow spheres. Nature Communications, 2021, 12, 4936.	5.8	159
11	Step-by-Step Mechanism Insights into the TiO <sub>2</sub> /CeS <sub>2</sub> S-Scheme Photocatalyst for Enhanced Aniline Production with Water as a Proton Source. ACS Catalysis, 2022, 12, 164-172.	5.5	117
12	Facile Fabrication of a Superhydrophobic Cu Surface via a Selective Etching of High-Energy Facets. Journal of Physical Chemistry C, 2012, 116, 18722-18727.	1.5	95
13	Enhanced Photocatalytic Activity and Selectivity for CO <sub>2</sub> Reduction over a TiO <sub>2</sub> Nanofibre Mat Using Ag and MgO as Bi-cocatalyst. ChemCatChem, 2019, 11, 465-472.	1.8	81
14	Effect of calcination temperature on formaldehyde oxidation performance of Pt/TiO <sub>2</sub> nanofiber composite at room temperature. Applied Surface Science, 2017, 426, 333-341.	3.1	80
15	Photocatalytic CO <sub>2</sub> reduction of C/ZnO nanofibers enhanced by an Ni-NiS cocatalyst. Nanoscale, 2020, 12, 7206-7213.	2.8	80
16	Electrospun TiO <sub>2</sub> -Based Photocatalysts. Solar Rrl, 2021, 5, 2000571.	3.1	46
17	Facile fabrication of non-sticking superhydrophobic boehmite film on Al foil. Applied Surface Science, 2012, 258, 8928-8933.	3.1	33
18	Graphene oxide-based photocatalysts for environmental purification. , 2022, , 135-172.		0