

Feiyan Xu

List of Publications by Year in descending order

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18
papers

3,734
citations

471061

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887659

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3394
citing authors

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