Feiyan Xu

List of Publications by Year in descending order

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FEIVAN XII

#	Article	IF	CITATIONS
1	Unique S-scheme heterojunctions in self-assembled TiO2/CsPbBr3 hybrids for CO2 photoreduction. Nature Communications, 2020, 11, 4613.	12.8	776
2	In Situ Grown Monolayer Nâ€Đoped Graphene on CdS Hollow Spheres with Seamless Contact for Photocatalytic CO ₂ Reduction. Advanced Materials, 2019, 31, e1902868.	21.0	515
3	CulnS2 sensitized TiO2 hybrid nanofibers for improved photocatalytic CO2 reduction. Applied Catalysis B: Environmental, 2018, 230, 194-202.	20.2	407
4	S‣cheme Heterojunction TiO ₂ /CdS Nanocomposite Nanofiber as H ₂ â€Production Photocatalyst. ChemCatChem, 2019, 11, 6301-6309.	3.7	286
5	Graphdiyne-modified TiO2 nanofibers with osteoinductive and enhanced photocatalytic antibacterial activities to prevent implant infection. Nature Communications, 2020, 11, 4465.	12.8	233
6	Direct Z-Scheme TiO ₂ /NiS Core–Shell Hybrid Nanofibers with Enhanced Photocatalytic H ₂ -Production Activity. ACS Sustainable Chemistry and Engineering, 2018, 6, 12291-12298.	6.7	216
7	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.	7.1	213
8	Graphdiyne: A New Photocatalytic CO ₂ Reduction Cocatalyst. Advanced Functional Materials, 2019, 29, 1904256.	14.9	207
9	1D/2D TiO ₂ /MoS ₂ Hybrid Nanostructures for Enhanced Photocatalytic CO ₂ Reduction. Advanced Optical Materials, 2018, 6, 1800911.	7.3	190
10	Sustained CO2-photoreduction activity and high selectivity over Mn, C-codoped ZnO core-triple shell hollow spheres. Nature Communications, 2021, 12, 4936.	12.8	159
11	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.	11.2	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.	3.1	95
13	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.	3.7	81
14	Effect of calcination temperature on formaldehyde oxidation performance of Pt/TiO 2 nanofiber composite at room temperature. Applied Surface Science, 2017, 426, 333-341.	6.1	80
15	Photocatalytic CO ₂ reduction of C/ZnO nanofibers enhanced by an Ni-NiS cocatalyst. Nanoscale, 2020, 12, 7206-7213.	5.6	80
16	Electrospun TiO ₂ â€Based Photocatalysts. Solar Rrl, 2021, 5, 2000571.	5.8	46
17	Facile fabrication of non-sticking superhydrophobic boehmite film on Al foil. Applied Surface Science, 2012, 258, 8928-8933.	6.1	33
18	Graphene oxide-based photocatalysts for environmental purification. , 2022, , 135-172.		0