Ya-Wen Wang

List of Publications by Year
in descending order

12	465	1163117 8	1281871 11
papers	citations	h-index	g-index

12	12	12	614
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Photocatalytic conversion of nitrogen to ammonia with water on triphase interfaces of hydrophilic-hydrophobic composite Bi4O5Br2/ZIF-8. Chemical Engineering Journal, 2019, 371, 796-803.	12.7	111
2	Enhanced visible light photocatalytic activity and stability of CQDs/BiOBr composites: The upconversion effect of CQDs. Journal of Alloys and Compounds, 2016, 685, 34-41.	5.5	92
3	Iodide-modified Bi4O5Br2 photocatalyst with tunable conduction band position for efficient visible-light decontamination of pollutants. Chemical Engineering Journal, 2018, 339, 42-50.	12.7	86
4	Fluoride-capped nanoceria as a highly efficient oxidase-mimicking nanozyme: inhibiting product adsorption and increasing oxygen vacancies. Nanoscale, 2019, 11, 17841-17850.	5.6	77
5	Enhanced charge separation and increased oxygen vacancies of h-BN/OV-BiOCl for improved visible-light photocatalytic performance. RSC Advances, 2019, 9, 14286-14295.	3.6	27
6	Synergistically Boosted Degradation of Organic Dyes by CeO₂ Nanoparticles with Fluoride at Low pH. ACS Applied Nano Materials, 2020, 3, 842-849.	5.0	26
7	Carbon quantum dots/Bi4O5Br2 photocatalyst with enhanced photodynamic therapy: killing of lung cancer (A549) cells in vitro. Rare Metals, 2022, 41, 132-143.	7.1	15
8	In Situ Synthesis of Hydrangea Finch Coral-like Bi₁₂SiO₂₀ Film with Highly Effective Photocatalytic CO₂ Reduction Performance. ACS Applied Energy Materials, 2021, 4, 15-19.	5.1	10
9	Effects of morphology and surface hydroxyl on the toxicity of BiOCl in human HaCaT cells. Chemosphere, 2016, 163, 438-445.	8.2	8
10	CeO₂ Nanoparticle Transformation to Nanorods and Nanoflowers in Acids with Boosted Oxidative Catalytic Activity. ACS Applied Nano Materials, 2021, 4, 2098-2107.	5.0	6
11	Investigating the performance and mechanism of nitrogen gas fixation and conversion to ammonia based on biocathode bioelectrochemistry system. Journal of Chemical Technology and Biotechnology, 2022, 97, 2163-2170.	3.2	6
12	Controllable Synthesis of <scp>BiOCl</scp> with <scp>Zâ€Scheme</scp> (001)/(110) Facet Homojunction and their Photocatalytic Killing Effect on <scp>HePG2</scp> Cells in vitro. Photochemistry and Photobiology, 0, , .	2.5	1