

# Ya-Wen Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

465  
citations

1163117

8  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

614  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon quantum dots/Bi <sub>4</sub> O <sub>5</sub> Br <sub>2</sub> photocatalyst with enhanced photodynamic therapy: killing of lung cancer (A549) cells in vitro. <i>Rare Metals</i> , 2022, 41, 132-143.	7.1	15
2	Investigating the performance and mechanism of nitrogen gas fixation and conversion to ammonia based on biocathode bioelectrochemistry system. <i>Journal of Chemical Technology and Biotechnology</i> , 2022, 97, 2163-2170.	3.2	6
3	CeO <sub>2</sub> Nanoparticle Transformation to Nanorods and Nanoflowers in Acids with Boosted Oxidative Catalytic Activity. <i>ACS Applied Nano Materials</i> , 2021, 4, 2098-2107.	5.0	6
4	In Situ Synthesis of Hydrangea Finch Coral-like Bi <sub>12</sub> SiO <sub>20</sub> Film with Highly Effective Photocatalytic CO <sub>2</sub> Reduction Performance. <i>ACS Applied Energy Materials</i> , 2021, 4, 15-19.	5.1	10
5	Synergistically Boosted Degradation of Organic Dyes by CeO <sub>2</sub> Nanoparticles with Fluoride at Low pH. <i>ACS Applied Nano Materials</i> , 2020, 3, 842-849.	5.0	26
6	Enhanced charge separation and increased oxygen vacancies of h-BN/OV-BiOCl for improved visible-light photocatalytic performance. <i>RSC Advances</i> , 2019, 9, 14286-14295.	3.6	27
7	Photocatalytic conversion of nitrogen to ammonia with water on triphase interfaces of hydrophilic-hydrophobic composite Bi <sub>4</sub> O <sub>5</sub> Br <sub>2</sub> /ZIF-8. <i>Chemical Engineering Journal</i> , 2019, 371, 796-803.	12.7	111
8	Fluoride-capped nanoceria as a highly efficient oxidase-mimicking nanozyme: inhibiting product adsorption and increasing oxygen vacancies. <i>Nanoscale</i> , 2019, 11, 17841-17850.	5.6	77
9	Iodide-modified Bi <sub>4</sub> O <sub>5</sub> Br <sub>2</sub> photocatalyst with tunable conduction band position for efficient visible-light decontamination of pollutants. <i>Chemical Engineering Journal</i> , 2018, 339, 42-50.	12.7	86
10	Effects of morphology and surface hydroxyl on the toxicity of BiOCl in human HaCaT cells. <i>Chemosphere</i> , 2016, 163, 438-445.	8.2	8
11	Enhanced visible light photocatalytic activity and stability of CQDs/BiOBr composites: The upconversion effect of CQDs. <i>Journal of Alloys and Compounds</i> , 2016, 685, 34-41.	5.5	92
12	Controllable Synthesis of BiOCl with ZnS (001)/(110) Facet Homojunction and their Photocatalytic Killing Effect on HePG2 Cells in vitro. <i>Photochemistry and Photobiology</i> , 0, , .	2.5	1