

# Thi Cao

## List of Publications by Year in descending order

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15  
papers

519  
citations

687363

13  
h-index

996975

15  
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15  
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15  
docs citations

15  
times ranked

393  
citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging 2D/OD g-C <sub>3</sub> N <sub>4</sub> /SnO <sub>2</sub> S-scheme photocatalyst: New generation architectural structure of heterojunctions toward visible-light-driven NO degradation. <i>Environmental Pollution</i> , 2021, 286, 117510.	7.5	60
2	S-Scheme Fe <sub>2</sub> O <sub>3</sub> /g-C <sub>3</sub> N <sub>4</sub> Nanocomposites as Heterojunction Photocatalysts for Antibiotic Degradation. <i>ACS Applied Nano Materials</i> , 2022, 5, 4506-4514.	5.0	59
3	Investigation on Photocatalytic Removal of NO under Visible Light over Cr-Doped ZnO Nanoparticles. <i>ACS Omega</i> , 2019, 4, 12853-12859.	3.5	55
4	Insight into the degradation of p-nitrophenol by visible-light-induced activation of peroxymonosulfate over Ag/ZnO heterojunction. <i>Chemosphere</i> , 2021, 268, 129291.	8.2	54
5	<i>Fusarium</i> Antifungal Activities of Copper Nanoparticles Synthesized by a Chemical Reduction Method. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-7.	2.7	51
6	Straightforward Synthesis of SnO <sub>2</sub> /Bi <sub>2</sub> S <sub>3</sub> /BiOCl/Bi <sub>24</sub> O <sub>31</sub> Cl <sub>10</sub> Composites for Drastically Enhancing Rhodamine B Photocatalytic Degradation under Visible Light. <i>ACS Omega</i> , 2020, 5, 20438-20449.	3.5	40
7	Insight into the Photocatalytic Mechanism of Tin Dioxide/Polyaniline Nanocomposites for NO Degradation under Solar Light. <i>ACS Applied Nano Materials</i> , 2018, 1, 5786-5794.	5.0	39
8	Comprehensive resistive switching behavior of hybrid polyvinyl alcohol and TiO <sub>2</sub> nanotube nanocomposites identified by combining experimental and density functional theory studies. <i>Journal of Materials Chemistry C</i> , 2018, 6, 1971-1979.	5.5	30
9	Revisiting the Key Optical and Electrical Characteristics in Reporting the Photocatalysis of Semiconductors. <i>ACS Omega</i> , 2021, 6, 27379-27386.	3.5	29
10	SnO <sub>2</sub> Nanoparticles Decorated on Graphitic Carbon Nitride as S-Scheme Photocatalysts for Activation of Peroxymonosulfate. <i>ACS Applied Nano Materials</i> , 2021, 4, 9333-9343.	5.0	24
11	Enhancing Green Product Generation of Photocatalytic NO Oxidation: A Case of WO <sub>3</sub> Nanoplate/g-C <sub>3</sub> N <sub>4</sub> S-Scheme Heterojunction. <i>Langmuir</i> , 2022, 38, 4138-4146.	3.5	22
12	Preparation of conjugated polyvinyl chloride/TiO <sub>2</sub> nanotubes for Rhodamine B photocatalytic degradation under visible light. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 2707-2714.	3.2	21
13	Effect of Cr Doping on Visible-Light-Driven Photocatalytic Activity of ZnO Nanoparticles. <i>Journal of Electronic Materials</i> , 2019, 48, 7378-7388.	2.2	17
14	Tin dioxide nanomaterial-based photocatalysts for nitrogen oxide oxidation: a review. <i>Beilstein Journal of Nanotechnology</i> , 2022, 13, 96-113.	2.8	12
15	Effect of Surface States and Breakdown of the Schottky-Mott Limit of Graphene/Silicon van der Waals Heterostructure. <i>Journal of Physical Chemistry C</i> , 2020, 124, 8958-8970.	3.1	6