

Hiep Han

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

3,528
citations

279487

23
h-index

580395

25
g-index

25
all docs

25
docs citations

25
times ranked

4871
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergistic performance of $\text{Fe}_3\text{O}_4/\text{SnO}_2/\text{rGO}$ nanocomposite for supercapacitor and visible light-responsive photocatalysis. <i>International Journal of Energy Research</i> , 2022, 46, 6517-6528.	2.2	10
2	Fabrication of binary $\text{SnO}_2/\text{TiO}_2$ nanocomposites under a sonication-assisted approach: Tuning of band-gap and water depollution applications under visible light irradiation. <i>Ceramics International</i> , 2021, 47, 15073-15081.	2.3	36
3	Graphitic-carbon nitride based mixed-phase bismuth nanostructures: Tuned optical and structural properties with boosted photocatalytic performance for wastewater decontamination under visible-light irradiation. <i>NanoImpact</i> , 2021, 23, 100345.	2.4	8
4	Ag-modified SnO_2 -graphitic-carbon nitride nanostructures for electrochemical sensor applications. <i>Ceramics International</i> , 2021, 47, 23578-23589.	2.3	36
5	Biofilm-Assisted Fabrication of $\text{Ag}@\text{SnO}_2\text{-g-C}_3\text{N}_4$ Nanostructures for Visible Light-Induced Photocatalysis and Photoelectrochemical Performance. <i>Journal of Physical Chemistry C</i> , 2019, 123, 20936-20948.	1.5	60
6	Synergistically effective and highly visible light responsive $\text{SnO}_2\text{-g-C}_3\text{N}_4$ nanostructures for improved photocatalytic and photoelectrochemical performance. <i>Applied Surface Science</i> , 2019, 495, 143432.	3.1	77
7	Environmentally sustainable biogenic fabrication of AuNP decorated-graphitic $\text{g-C}_3\text{N}_4$ nanostructures towards improved photoelectrochemical performances. <i>RSC Advances</i> , 2018, 8, 13898-13909.	1.7	50
8	Microbial fuel cell assisted band gap narrowed TiO_2 for visible light-induced photocatalytic activities and power generation. <i>Scientific Reports</i> , 2018, 8, 1723.	1.6	91
9	Recent progress of metal-graphene nanostructures in photocatalysis. <i>Nanoscale</i> , 2018, 10, 9427-9440.	2.8	89
10	Environmentally Sustainable Fabrication of $\text{Ag}@\text{g-C}_3\text{N}_4$ Nanostructures and Their Multifunctional Efficacy as Antibacterial Agents and Photocatalysts. <i>ACS Applied Nano Materials</i> , 2018, 1, 2912-2922.	2.4	142
11	Defected graphene nano-platelets for enhanced hydrophilic nature and visible light-induced photoelectrochemical performances. <i>Journal of Physics and Chemistry of Solids</i> , 2017, 104, 233-242.	1.9	27
12	Ce^{3+} -ion, Surface Oxygen Vacancy, and Visible Light-induced Photocatalytic Dye Degradation and Photocapacitive Performance of CeO_2 -Graphene Nanostructures. <i>Scientific Reports</i> , 2017, 7, 5928.	1.6	133
13	CdS -graphene Nanocomposite for Efficient Visible-light-driven Photocatalytic and Photoelectrochemical Applications. <i>Journal of Colloid and Interface Science</i> , 2016, 482, 221-232.	5.0	140
14	Visible light-induced enhanced photoelectrochemical and photocatalytic studies of gold decorated SnO_2 nanostructures. <i>New Journal of Chemistry</i> , 2015, 39, 2758-2766.	1.4	101
15	Green synthesis, photocatalytic and photoelectrochemical performance of an Au-graphene nanocomposite. <i>RSC Advances</i> , 2015, 5, 26897-26904.	1.7	80
16	Biogenic synthesis of a Ag-graphene nanocomposite with efficient photocatalytic degradation, electrical conductivity and photoelectrochemical performance. <i>New Journal of Chemistry</i> , 2015, 39, 8121-8129.	1.4	130
17	Highly visible light active $\text{Ag}@\text{ZnO}$ nanocomposites synthesized by gel-combustion route. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 1602-1607.	2.9	104
18	Band gap engineered TiO_2 nanoparticles for visible light induced photoelectrochemical and photocatalytic studies. <i>Journal of Materials Chemistry A</i> , 2014, 2, 637-644.	5.2	751

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19	Mixed Culture Electrochemically Active Biofilms and their Microscopic and Spectroelectrochemical Studies. ACS Sustainable Chemistry and Engineering, 2014, 2, 423-432.	3.2	46
20	Biogenic Fabrication of Au@CeO ₂ Nanocomposite with Enhanced Visible Light Activity. Journal of Physical Chemistry C, 2014, 118, 9477-9484.	1.5	123
21	Enhanced Thermal Stability under DC Electrical Conductivity Retention and Visible Light Activity of Ag/TiO ₂ @Polyaniline Nanocomposite Film. ACS Applied Materials & Interfaces, 2014, 6, 8124-8133.	4.0	81
22	Visible light-driven photocatalytic and photoelectrochemical studies of Ag@SnO ₂ nanocomposites synthesized using an electrochemically active biofilm. RSC Advances, 2014, 4, 26013-26021.	1.7	103
23	Oxygen vacancy induced band gap narrowing of ZnO nanostructures by an electrochemically active biofilm. Nanoscale, 2013, 5, 9238.	2.8	523
24	Biogenic Synthesis, Photocatalytic, and Photoelectrochemical Performance of Ag@ZnO Nanocomposite. Journal of Physical Chemistry C, 2013, 117, 27023-27030.	1.5	368
25	Highly visible light active Ag@TiO ₂ nanocomposites synthesized using an electrochemically active biofilm: a novel biogenic approach. Nanoscale, 2013, 5, 4427.	2.8	219