

Sandipan Bera

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

539
citations

1162889

8
h-index

1372474

10
g-index

11
all docs

11
docs citations

11
times ranked

966
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of visible-light photocatalysts by coupling of narrow bandgap semiconductors and TiO ₂ : effect of their relative energy band positions on the photocatalytic efficiency. <i>Catalysis Science and Technology</i> , 2013, 3, 1822.	2.1	192
2	Size-dependent plasmonic effects of Au and Au@SiO ₂ nanoparticles in photocatalytic CO ₂ conversion reaction of Pt/TiO ₂ . <i>Applied Catalysis B: Environmental</i> , 2016, 199, 55-63.	10.8	84
3	Size-dependent plasmonic effects of M and M@SiO ₂ (M = Au or Ag) deposited on TiO ₂ in photocatalytic oxidation reactions. <i>Applied Catalysis B: Environmental</i> , 2017, 214, 15-22.	10.8	64
4	Novel Coupled Structures of FeWO ₄ /TiO ₂ and FeWO ₄ /TiO ₂ /CdS Designed for Highly Efficient Visible-Light Photocatalysis. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 9654-9663.	4.0	63
5	Design of visible-light photocatalysts by coupling of inorganic semiconductors. <i>Catalysis Today</i> , 2019, 335, 3-19.	2.2	46
6	Visible-light responsive novel WO ₃ /TiO ₂ and Au loaded WO ₃ /TiO ₂ nanocomposite and wastewater remediation: Mechanistic inside and photocatalysis pathway. <i>Journal of Water Process Engineering</i> , 2020, 36, 101256.	2.6	34
7	Visible-Light Photocatalytic Properties of W ₁₈ O ₄₉ /TiO ₂ and WO ₃ /TiO ₂ Heterocomposites. <i>Catalysis Letters</i> , 2012, 142, 1482-1488.	1.4	23
8	Preparation of CdS/BiOCl/Bi ₂ O ₃ double composite system for visible light active photocatalytic applications. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 364, 159-168.	2.0	19
9	Enhancing the photocatalytic efficiency of the BiOCl/Bi ₃ O ₄ Cl composite modified with WO ₃ for environmental purification under visible light. <i>New Journal of Chemistry</i> , 2021, 45, 17617-17629.	1.4	9
10	Exfoliated Metal Oxide Nanosheets as Effective and Applicable Substrates for Atomically Dispersed Metal Nanoparticles with Tailorable Functionalities. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600661.	1.9	5
11	Formation of BiOCl/Bi ₂ O ₃ and Related Materials for Efficient Visible-Light Photocatalysis. <i>Nanostructure Science and Technology</i> , 2016, , 405-427.	0.1	0