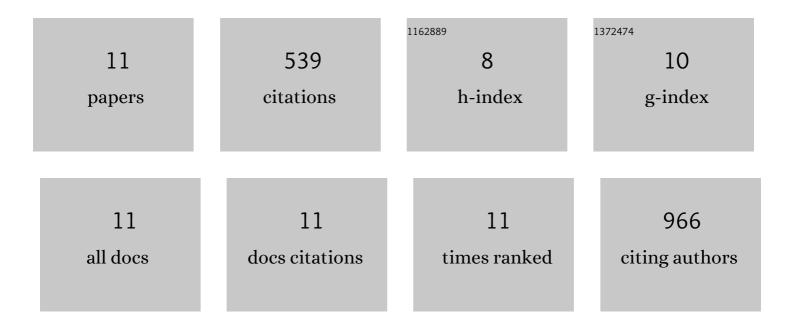
Sandipan Bera

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Design of visible-light photocatalysts by coupling of narrow bandgap semiconductors and TiO2: effect of their relative energy band positions on the photocatalytic efficiency. Catalysis Science and Technology, 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. Applied Catalysis B: Environmental, 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. Applied Catalysis B: Environmental, 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. ACS Applied Materials & Interfaces, 2014, 6, 9654-9663.	4.0	63
5	Design of visible-light photocatalysts by coupling of inorganic semiconductors. Catalysis Today, 2019, 335, 3-19.	2.2	46
6	Visible-light responsive novel WO3/TiO2 and Au loaded WO3/TiO2 nanocomposite and wastewater remediation: Mechanistic inside and photocatalysis pathway. Journal of Water Process Engineering, 2020, 36, 101256.	2.6	34
7	Visible-Light Photocatalytic Properties of W18O49/TiO2 and WO3/TiO2 Heterocomposites. Catalysis Letters, 2012, 142, 1482-1488.	1.4	23
8	Preparation of CdS/BiOCl/Bi2O3 double composite system for visible light active photocatalytic applications. Journal of Photochemistry and Photobiology A: Chemistry, 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. New Journal of Chemistry, 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. Advanced Materials Interfaces, 2016, 3, 1600661.	1.9	5
11	Formation of BiOCl/Bi2O3 and Related Materials for Efficient Visible-Light Photocatalysis.	0.1	0