

Nilesh R Manwar

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

506
citations

759233

12
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

687
citing authors

#	ARTICLE	IF	CITATIONS
1	Perovskite-type catalytic materials for environmental applications. <i>Science and Technology of Advanced Materials</i> , 2015, 16, 036002.	6.1	144
2	Ceria Supported Pt/PtO-Nanostructures: Efficient Photocatalyst for Sacrificial Donor Assisted Hydrogen Generation under Visible-NIR Light Irradiation. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 2323-2332.	6.7	51
3	Advances in Carbon Nitride-Based Materials and Their Electrocatalytic Applications. <i>ACS Catalysis</i> , 2022, 12, 5605-5660.	11.2	46
4	Phenyl-grafted carbon nitride semiconductor for photocatalytic CO ₂ -reduction and rapid degradation of organic dyes. <i>Catalysis Science and Technology</i> , 2019, 9, 822-832.	4.1	39
5	Efficient solar photo-electrochemical hydrogen generation using nanocrystalline CeFeO ₃ synthesized by a modified microwave assisted method. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 10931-10942.	7.1	38
6	Tailoring photoactivity of polymeric carbon nitride via donor- π -acceptor network. <i>Applied Catalysis B: Environmental</i> , 2022, 310, 121347.	20.2	38
7	Direct growth of nanostructural MoS ₂ over the h-BN nanoplatelets: An efficient heterostructure for visible light photoreduction of CO ₂ to methanol. <i>Journal of CO₂ Utilization</i> , 2020, 42, 101345.	6.8	33
8	The Role of Carbon-Based Materials for Fuel Cells Performance. <i>Carbon</i> , 2022, 198, 301-352.	10.3	28
9	Constructing Cu/BN@PANI ternary heterostructure for efficient photocatalytic hydrogen generation: A combined experimental and DFT studies. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 27394-27408.	7.1	22
10	Morphology controlled synthesis of 2D heterostructure Ag/WO ₃ nanocomposites for enhanced photoelectrochemical CO ₂ reduction performance. <i>Journal of CO₂ Utilization</i> , 2020, 41, 101284.	6.8	20
11	Photocatalytic degradation of phenol over novel rod shaped Graphene@BiPO ₄ nanocomposite. <i>Journal of Physics and Chemistry of Solids</i> , 2015, 85, 132-137.	4.0	19
12	Plasmonic nanostructured Zn/ZnO composite enhances carbonic anhydrase driven photocatalytic hydrogen generation. <i>Journal of CO₂ Utilization</i> , 2017, 17, 207-212.	6.8	13
13	Photoelectrochemical Reduction of CO ₂ Promoted by a Molecular Hybrid Made Up of Co(II)Pc on Graphene Oxide under Visible Light Illumination. <i>Energy & Fuels</i> , 2022, 36, 3760-3770.	5.1	10
14	Synthesis optimization and fluoride uptake properties of high capacity composite adsorbent for defluoridation of drinking water. <i>Environmental Progress and Sustainable Energy</i> , 2015, 34, 1576-1585.	2.3	3
15	Solar Energy Conversion: Pt-doped Mesoporous Ceria as an Efficient Electro-photocatalyst for Hydrogen Production from Water Splitting. <i>Materials Today: Proceedings</i> , 2019, 17, 277-287.	1.8	2