

Abhijit Kadam

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5229171/publications.pdf>

Version: 2024-02-01

14
papers

457
citations

1040056

9
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

542
citing authors

#	ARTICLE	IF	CITATIONS
1	Template free synthesis of ZnO/Ag ₂ O nanocomposites as a highly efficient visible active photocatalyst for detoxification of methyl orange. Journal of Photochemistry and Photobiology B: Biology, 2016, 154, 24-33.	3.8	113
2	Nanostructured TiO ₂ Sensitized with MoS ₂ Nanoflowers for Enhanced Photodegradation Efficiency toward Methyl Orange. ACS Omega, 2021, 6, 17071-17085.	3.5	106
3	Dual Functional S-Doped g-C ₃ N ₄ Pinhole Porous Nanosheets for Selective Fluorescence Sensing of Ag ⁺ and Visible-Light Photocatalysis of Dyes. Molecules, 2019, 24, 450.	3.8	51
4	Sunlight driven high photocatalytic activity of Sn doped N-TiO ₂ nanoparticles synthesized by a microwave assisted method. Ceramics International, 2017, 43, 5164-5172.	4.8	50
5	Sonochemically exfoliated polymer-carbon nanotube interface for high performance supercapacitors. Journal of Colloid and Interface Science, 2022, 606, 1792-1799.	9.4	47
6	Synthesis and enhanced photocatalytic activity of Zr-doped N-TiO ₂ nanostructures. Journal of Materials Science: Materials in Electronics, 2015, 26, 554-563.	2.2	22
7	Direct hydrothermal synthesis of amine-functionalized cubic hematite (C-Fe ₂ O ₃) and sonochemical deposition of nanosized Au for its application as a visible-light photocatalyst. Dalton Transactions, 2020, 49, 2924-2932.	3.3	17
8	Scraps to superior anodes for Li-ion batteries: Sustainable and scalable upgrading of waste rust. Journal of Hazardous Materials, 2021, 410, 124571.	12.4	12
9	A diffusion encouraged core-shell heterostructured Co ₃ Sn ₂ @SnO ₂ anode towards emerging dual ion batteries with high energy density. Journal of Materials Chemistry A, 2021, 9, 14991-15002.	10.3	11
10	Selenophene based benzodithiophene polymers as potential candidates for optoelectronic applications. Dyes and Pigments, 2018, 149, 639-643.	3.7	10
11	Facile synthesis and optoelectronic exploration of silylthiophene substituted benzodithiophene polymer for organic field effect transistors. Journal of Organometallic Chemistry, 2019, 880, 317-321.	1.8	7
12	Direct Cation-Cation Interactions Induced by Mg Dopants for Electron-Gas Behavior in Fe_2O_3 . Journal of Physical Chemistry C, 2021, 125, 12893-12902.	3.1	5
13	Synthesis and photophysical investigations of pyromellitic diimide based small molecules. Inorganic Chemistry Communication, 2019, 102, 20-24.	3.9	5
14	Manganese-induced highly fluorescent oligodopamine for sensitive detection of dopamine neurotransmitter by catalytic action of H ₂ O ₂ /MnO ₂ nanosheets. Physica Status Solidi (A) Applications and Materials Science, 0, , .	1.8	1