

# Abhijit Kadam

## List of Publications by Year in descending order

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14  
papers

457  
citations

1039880

9  
h-index

1125617

13  
g-index

14  
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14  
docs citations

14  
times ranked

542  
citing authors

#	ARTICLE	IF	CITATIONS
1	Template free synthesis of ZnO/Ag <sub>2</sub> O nanocomposites as a highly efficient visible active photocatalyst for detoxification of methyl orange. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 154, 24-33.	1.7	113
2	Nanostructured TiO <sub>2</sub> Sensitized with MoS <sub>2</sub> Nanoflowers for Enhanced Photodegradation Efficiency toward Methyl Orange. <i>ACS Omega</i> , 2021, 6, 17071-17085.	1.6	106
3	Dual Functional S-Doped g-C <sub>3</sub> N <sub>4</sub> Pinhole Porous Nanosheets for Selective Fluorescence Sensing of Ag <sup>+</sup> and Visible-Light Photocatalysis of Dyes. <i>Molecules</i> , 2019, 24, 450.	1.7	51
4	Sunlight driven high photocatalytic activity of Sn doped N-TiO <sub>2</sub> nanoparticles synthesized by a microwave assisted method. <i>Ceramics International</i> , 2017, 43, 5164-5172.	2.3	50
5	Sonochemically exfoliated polymer-carbon nanotube interface for high performance supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 1792-1799.	5.0	47
6	Synthesis and enhanced photocatalytic activity of Zr-doped N-TiO <sub>2</sub> nanostructures. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 554-563.	1.1	22
7	Direct hydrothermal synthesis of amine-functionalized cubic hematite (C-Fe <sub>2</sub> O <sub>3</sub> ) and sonochemical deposition of nanosized Au for its application as a visible-light photocatalyst. <i>Dalton Transactions</i> , 2020, 49, 2924-2932.	1.6	17
8	Scraps to superior anodes for Li-ion batteries: Sustainable and scalable upgrading of waste rust. <i>Journal of Hazardous Materials</i> , 2021, 410, 124571.	6.5	12
9	A diffusion encouraged core-shell heterostructured Co <sub>3</sub> Sn <sub>2</sub> @SnO <sub>2</sub> anode towards emerging dual ion batteries with high energy density. <i>Journal of Materials Chemistry A</i> , 2021, 9, 14991-15002.	5.2	11
10	Selenophene based benzodithiophene polymers as potential candidates for optoelectronic applications. <i>Dyes and Pigments</i> , 2018, 149, 639-643.	2.0	10
11	Facile synthesis and optoelectronic exploration of silylthiophene substituted benzodithiophene polymer for organic field effect transistors. <i>Journal of Organometallic Chemistry</i> , 2019, 880, 317-321.	0.8	7
12	Direct Cation-Cation Interactions Induced by Mg Dopants for Electron-Gas Behavior in $\delta$ -Fe <sub>2</sub> O <sub>3</sub> . <i>Journal of Physical Chemistry C</i> , 2021, 125, 12893-12902.	1.5	5
13	Synthesis and photophysical investigations of pyromellitic diimide based small molecules. <i>Inorganic Chemistry Communication</i> , 2019, 102, 20-24.	1.8	5
14	Manganese-induced highly fluorescent oligodopamine for sensitive detection of dopamine neurotransmitter by catalytic action of H <sub>2</sub> O <sub>2</sub> /MnO <sub>2</sub> nanosheets. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 0, , .	0.8	1