

# Abhijit Kadam

## List of Publications by Year in descending order

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14  
papers

457  
citations

1039880

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h-index

1125617

13  
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docs citations

14  
times ranked

542  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Sonochemically exfoliated polymer-carbon nanotube interface for high performance supercapacitors. Journal of Colloid and Interface Science, 2022, 606, 1792-1799.   | 5.0 | 47        |
| 2  | Scraps to superior anodes for Li-ion batteries: Sustainable and scalable upgrading of waste rust. Journal of Hazardous Materials, 2021, 410, 124571.  | 6.5 | 12        |
| 3  | Direct Cation-Induced Cation Interactions Induced by Mg Dopants for Electron Gas Behavior in $\text{Fe}_2\text{O}_3$ . Journal of Physical Chemistry C, 2021, 125, 12893-12902.   | 1.5 | 5         |
| 4  | Nanostructured $\text{TiO}_2$ Sensitized with $\text{MoS}_2$ Nanoflowers for Enhanced Photodegradation Efficiency toward Methyl Orange. ACS Omega, 2021, 6, 17071-17085.  | 1.6 | 106       |
| 5  | A diffusion encouraged core-shell heterostructured $\text{Co}_3\text{Sn}_2@ \text{SnO}_2$ anode towards emerging dual ion batteries with high energy density. Journal of Materials Chemistry A, 2021, 9, 14991-15002.                               | 5.2 | 11        |
| 6  | Direct hydrothermal synthesis of amine-functionalized cubic hematite ( $\text{Fe}_2\text{O}_3$ ) and sonochemical deposition of nanosized Au for its application as a visible-light photocatalyst. Dalton Transactions, 2020, 49, 2924-2932.        | 1.6 | 17        |
| 7  | Dual Functional S-Doped $\text{g-C}_3\text{N}_4$ Pinhole Porous Nanosheets for Selective Fluorescence Sensing of $\text{Ag}^+$ and Visible-Light Photocatalysis of Dyes. Molecules, 2019, 24, 450.  | 1.7 | 51        |
| 8  | Facile synthesis and optoelectronic exploration of silylthiophene substituted benzodithiophene polymer for organic field effect transistors. Journal of Organometallic Chemistry, 2019, 880, 317-321.   | 0.8 | 7         |
| 9  | Synthesis and photophysical investigations of pyromellitic diimide based small molecules. Inorganic Chemistry Communication, 2019, 102, 20-24.  | 1.8 | 5         |
| 10 | Selenophene based benzodithiophene polymers as potential candidates for optoelectronic applications. Dyes and Pigments, 2018, 149, 639-643.   | 2.0 | 10        |
| 11 | Sunlight driven high photocatalytic activity of Sn doped N-TiO <sub>2</sub> nanoparticles synthesized by a microwave assisted method. Ceramics International, 2017, 43, 5164-5172.  | 2.3 | 50        |
| 12 | Template free synthesis of ZnO/Ag <sub>2</sub> 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.                    | 1.7 | 113       |
| 13 | Synthesis and enhanced photocatalytic activity of Zr-doped N-TiO <sub>2</sub> nanostructures. Journal of Materials Science: Materials in Electronics, 2015, 26, 554-563.  | 1.1 | 22        |
| 14 | Manganese-induced highly fluorescent oligodopamine for sensitive detection of dopamine neurotransmitter by catalytic action of $\text{H}_2\text{O}_2/\text{MnO}_2$ nanosheets. Physica Status Solidi (A) Applications and Materials Science, 0, , . | 0.8 | 1         |