

# Sandip Saha

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22  
papers

1,532  
citations

13  
h-index

23  
g-index

23  
ext. papers

1,654  
ext. citations

5  
avg, IF

4.52  
L-index

| #  | Paper   | IF   | Citations |
|----|---|------|-----------|
| 22 | Impact of metal oxide nanoparticles on cotton ( <i>Gossypium hirsutum</i> L.): a physiological perspective. <i>Journal of Cotton Research</i> , <b>2021</b> , 4,  | 2.3  | 2         |
| 21 | Synergistic effect of pistachio shell powder and nano-zerovalent copper for chromium remediation from aqueous solution. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 63422-63436   | 5.1  | 3         |
| 20 | Degradation of tetracycline antibiotics by advanced oxidation processes: application of MnO <sub>2</sub> nanomaterials. <i>Natural Resources &amp; Engineering</i> , <b>2017</b> , 2, 32-42   |      | 5         |
| 19 | Tetracycline degradation in aquatic environment by highly porous MnO <sub>2</sub> nanosheet assembly. <i>Chemical Engineering Journal</i> , <b>2015</b> , 276, 155-165  | 14.7 | 96        |
| 18 | Solar light-induced photocatalytic degradation of methyl red in an aqueous suspension of commercial ZnO: a green approach. <i>Desalination and Water Treatment</i> , <b>2015</b> , 53, 501-514  |      | 17        |
| 17 | Mesoporous silica supported bimetallic Pd/Fe for enhanced dechlorination of tetrachloroethylene. <i>RSC Advances</i> , <b>2015</b> , 5, 90797-90805   | 3.7  | 11        |
| 16 | Methyl red degradation under UV illumination and catalytic action of commercial ZnO: a parametric study. <i>Desalination and Water Treatment</i> , <b>2015</b> , 56, 1066-1076  |      | 10        |
| 15 | Galvanic replacement of As(0) nanoparticles by Au(III) for nanogold fabrication and SERS application. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 1675  | 3.6  | 7         |
| 14 | Microporous assembly of MnO <sub>2</sub> nanosheets for malachite green degradation. <i>Separation and Purification Technology</i> , <b>2014</b> , 134, 26-36   | 8.3  | 57        |
| 13 | Novel Arsenic Nanoparticles Are More Effective and Less Toxic than As (III) to Inhibit Extracellular and Intracellular Proliferation of <i>Leishmania donovani</i> . <i>Journal of Parasitology Research</i> , <b>2014</b> , 2014, 187640           | 1.9  | 11        |
| 12 | Synergistically improved adsorption of anionic surfactant and crystal violet on chitosan hydrogel beads. <i>Chemical Engineering Journal</i> , <b>2013</b> , 217, 426-434   | 14.7 | 93        |
| 11 | Nano silver impregnation on commercial TiO <sub>2</sub> and a comparative photocatalytic account to degrade malachite green. <i>Separation and Purification Technology</i> , <b>2012</b> , 89, 147-159  | 8.3  | 72        |
| 10 | Wet-Chemical Synthesis Of Spherical Arsenic Nanoparticles By A Simple Reduction Method And Its Characterization. <i>Advanced Materials Letters</i> , <b>2012</b> , 3, 177-180   | 2.4  | 26        |
| 9  | Photochemical green synthesis of calcium-alginate-stabilized Ag and Au nanoparticles and their catalytic application to 4-nitrophenol reduction. <i>Langmuir</i> , <b>2010</b> , 26, 2885-93  | 4    | 813       |
| 8  | Behaviour of fixed-bed column for the adsorption of malachite green on surfactant-modified alumina. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , <b>2009</b> , 44, 265-72 | 2.3  | 9         |
| 7  | Room Temperature Ferromagnetic Ni Nanocrystals: An Efficient Transition Metal Platform for Manifestation of Surface-Enhanced Raman Scattering. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 6022-6032                                | 3.8  | 14        |
| 6  | Alginate Gel-Mediated Photochemical Growth of Mono- and Bimetallic Gold and Silver Nanoclusters and Their Application to Surface-Enhanced Raman Scattering. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 7553-7560                   | 3.8  | 53        |

- 5 A Green Chemistry Approach for the Synthesis of Flower-like Ag-Doped MnO<sub>2</sub> Nanostructures Probed by Surface-Enhanced Raman Spectroscopy. *Journal of Physical Chemistry C*, **2009**, 113, 1386-1392<sup>3.8</sup> 94
- 4 Surfactant-modified alumina: an efficient adsorbent for malachite green removal from water environment. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2009**, 44, 896-905 2.3 34
- 3 New hydrothermal process for hierarchical TiO<sub>2</sub> nanostructures. *CrystEngComm*, **2009**, 11, 1210 3.3 44
- 2 Gram level synthesis of lead-free solder in the nanometer length scale obtained from tin and silver compounds using silicone oil. *Langmuir*, **2008**, 24, 8991-7 4 10
- 1 Resin-immobilized CuO and Cu nanocomposites for alcohol oxidation. *Organic Letters*, **2008**, 10, 5179-816.2 51