

# Sandip Saha

## List of Publications by Citations

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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	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
21	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
20	A Green Chemistry Approach for the Synthesis of Flower-like Ag-Doped MnO <sub>2</sub> Nanostructures Probed by Surface-Enhanced Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 1386-1392 <sup>3.8</sup>	3.8	94
19	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
18	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
17	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
16	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
15	Resin-immobilized CuO and Cu nanocomposites for alcohol oxidation. <i>Organic Letters</i> , <b>2008</b> , 10, 5179-816.2	16.2	51
14	New hydrothermal process for hierarchical TiO <sub>2</sub> nanostructures. <i>CrystEngComm</i> , <b>2009</b> , 11, 1210	3.3	44
13	Surfactant-modified alumina: an efficient adsorbent for malachite green removal from water environment. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , <b>2009</b> , 44, 896-905	2.3	34
12	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
11	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
10	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 <sup>3.8</sup>	3.8	14
9	Mesoporous silica supported bimetallic Pd/Fe for enhanced dechlorination of tetrachloroethylene. <i>RSC Advances</i> , <b>2015</b> , 5, 90797-90805	3.7	11
8	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, 187540 <sup>1.9</sup>	1.9	11
7	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	10
6	Gram level synthesis of lead-free solder in the nanometer length scale obtained from tin and silver compounds using silicone oil. <i>Langmuir</i> , <b>2008</b> , 24, 8991-7	4	10

5	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
4	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
3	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
2	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
1	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