

# Somik Banerjee

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

274  
citations

1163117

8  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

337  
citing authors

| #  | ARTICLE                                                                                                                                                                                                            | IF  | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Relaxation and charge transport phenomena in polyaniline nanofibers: Swift heavy ion irradiation effects. <i>Journal of Non-Crystalline Solids</i> , 2012, 358, 2990-2998.                                         | 3.1 | 13        |
| 2  | Effects of solvent interactions on the structure and properties of prepared PANi nanofibers. <i>Journal of Applied Polymer Science</i> , 2012, 126, 830-836.                                                       | 2.6 | 21        |
| 3  | Swift heavy ion irradiation induced modifications in the optical band gap and Urbach's tail in polyaniline nanofibers. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2011, 269, 2798-2806.      | 1.4 | 59        |
| 4  | Size Dependent Antioxidant Activity of Polypyrrole Nanofibers. , 2011, , .                                                                                                                                         |     | 5         |
| 5  | Dielectric spectroscopy for probing the relaxation and charge transport in polypyrrole nanofibers. <i>Journal of Applied Physics</i> , 2011, 109, .                                                                | 2.5 | 26        |
| 6  | Swift heavy ion irradiation-induced structural and conformational changes in polypyrrole nanofibers. <i>Radiation Effects and Defects in Solids</i> , 2011, 166, 598-605.                                          | 1.2 | 3         |
| 7  | SWIFT HEAVY ION IRRADIATION: A NOVEL TECHNIQUE FOR TAILORING THE SIZE OF POLYANILINE NANOFIBERS. <i>International Journal of Nanoscience</i> , 2011, 10, 161-165.                                                  | 0.7 | 4         |
| 8  | Micro-Raman studies of swift heavy ion irradiation induced structural and conformational changes in polyaniline nanofibers. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2010, 268, 2683-2687. | 1.4 | 10        |
| 9  | Antioxidant activity and haemolysis prevention efficiency of polyaniline nanofibers. <i>Nanotechnology</i> , 2010, 21, 045101.                                                                                     | 2.6 | 61        |
| 10 | Swift heavy ion irradiation induced enhancement in the antioxidant activity and biocompatibility of polyaniline nanofibers. <i>Nanotechnology</i> , 2010, 21, 175102.                                              | 2.6 | 36        |
| 11 | Photoluminescence studies in HCl-doped polyaniline nanofibers. <i>Journal of Optics (India)</i> , 2009, 38, 124-130.                                                                                               | 1.7 | 26        |
| 12 | Ion Irradiation Effects in some Electro-Active and Engineering Polymers Studies by Conventional and Novel Techniques. <i>Defect and Diffusion Forum</i> , 0, 341, 1-49.                                            | 0.4 | 10        |