Somik Banerjee

List of Publications by Year
in descending order

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