Joydeep Dutta

List of Publications by Year in Descending Order

15 papers	2,333 citations	11 h-index	15 g-index
15 ext. papers	2,588 ext. citations	5.8 avg, IF	5.32 L-index

#	Paper	IF	Citations
15	Preparation, optimization, and characterization of chitosan-sepiolite nanocomposite films for wound healing. *International Journal of Biological Macromolecules*, **2021**, 186, 244-254	7.9	3
14	Development and in vitro characterization of chitosan/starch/halloysite nanotubes ternary nanocomposite films. *International Journal of Biological Macromolecules*, **2019**, 127, 222-231	7.9	38
13	Preparation and characterization of chitosan-bentonite nanocomposite films for wound healing application. *International Journal of Biological Macromolecules*, **2017**, 104, 1897-1904	7.9	76
12	Chitosan: A Promising Substrate for Regenerative Medicine in Drug Formulation. *Springer Series on Polymer and Composite Materials*, **2016**, 261-277	0.9	5
11	Chitosan: A Potential Therapeutic Dressing Material for Wound Healing. *Springer Series on Polymer and Composite Materials*, **2016**, 193-227	0.9	7
10	Chitosan-zinc oxide nanoparticle composite coating for active food packaging applications. *Innovative Food Science and Emerging Technologies*, **2016**, 38, 231-237	6.8	205
9	Chitosan-PVP-nano silver oxide wound dressing: in vitro and in vivo evaluation. *International Journal of Biological Macromolecules*, **2015**, 73, 49-57	7.9	235
8	Evaluation of chitosan nano dressing for wound healing: characterization, in vitro and in vivo studies. *International Journal of Biological Macromolecules*, **2013**, 57, 193-203	7.9	316
7	In vivo evaluation of chitosan-PVP-titanium dioxide nanocomposite as wound dressing material. *Carbohydrate Polymers*, **2013**, 95, 530-9	10.3	265
6	Chitosan: A Promising Biomaterial for Tissue Engineering Scaffolds. *Advances in Polymer Science*, **2011**, 45-79	1.3	31
5	Antimicrobial Activity of Chitin, Chitosan and Their Oligosaccharides **2010**, 195-214		6
4	Perspectives for chitosan based antimicrobial films in food applications. *Food Chemistry*, **2009**, 114, 1173-1182	5.1	990
3	Preparation and characterization of N-heterocyclic chitosan derivative based gels for biomedical applications. *International Journal of Biological Macromolecules*, **2009**, 45, 330-7	7.9	89
2	Preparation, Characterization and Optical Property of Chitosan-Phenothiazine Derivative by Microwave Assisted Synthesis. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **2009**, 46, 1095-1102	2.2	25
1	Synthesis and characterization of a novel polyazomethine ether for NLO application. *European Polymer Journal*, **2003**, 39, 1007-1011	5.2	42