

Joydeep Dutta

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.

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	Perspectives for chitosan based antimicrobial films in food applications. <i>Food Chemistry</i> , 2009 , 114, 1173-1182	15.182	990
14	Evaluation of chitosan nano dressing for wound healing: characterization, in vitro and in vivo studies. <i>International Journal of Biological Macromolecules</i> , 2013 , 57, 193-203	7.9	316
13	In vivo evaluation of chitosan-PVP-titanium dioxide nanocomposite as wound dressing material. <i>Carbohydrate Polymers</i> , 2013 , 95, 530-9	10.3	265
12	Chitosan-PVP-nano silver oxide wound dressing: in vitro and in vivo evaluation. <i>International Journal of Biological Macromolecules</i> , 2015 , 73, 49-57	7.9	235
11	Chitosan-zinc oxide nanoparticle composite coating for active food packaging applications. <i>Innovative Food Science and Emerging Technologies</i> , 2016 , 38, 231-237	6.8	205
10	Preparation and characterization of N-heterocyclic chitosan derivative based gels for biomedical applications. <i>International Journal of Biological Macromolecules</i> , 2009 , 45, 330-7	7.9	89
9	Preparation and characterization of chitosan-bentonite nanocomposite films for wound healing application. <i>International Journal of Biological Macromolecules</i> , 2017 , 104, 1897-1904	7.9	76
8	Synthesis and characterization of a novel polyazomethine ether for NLO application. <i>European Polymer Journal</i> , 2003 , 39, 1007-1011	5.2	42
7	Development and in vitro characterization of chitosan/starch/halloysite nanotubes ternary nanocomposite films. <i>International Journal of Biological Macromolecules</i> , 2019 , 127, 222-231	7.9	38
6	Chitosan: A Promising Biomaterial for Tissue Engineering Scaffolds. <i>Advances in Polymer Science</i> , 2011 , 45-79	1.3	31
5	Preparation, Characterization and Optical Property of Chitosan-Phenothiazine Derivative by Microwave Assisted Synthesis. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2009 , 46, 1095-1102	2.2	25
4	Chitosan: A Potential Therapeutic Dressing Material for Wound Healing. <i>Springer Series on Polymer and Composite Materials</i> , 2016 , 193-227	0.9	7
3	Antimicrobial Activity of Chitin, Chitosan and Their Oligosaccharides 2010 , 195-214		6
2	Chitosan: A Promising Substrate for Regenerative Medicine in Drug Formulation. <i>Springer Series on Polymer and Composite Materials</i> , 2016 , 261-277	0.9	5
1	Preparation, optimization, and characterization of chitosan-sepiolite nanocomposite films for wound healing. <i>International Journal of Biological Macromolecules</i> , 2021 , 186, 244-254	7.9	3