Sougata Jana

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8826196/publications.pdf

Version: 2024-02-01

45 papers	1,254 citations	471371 17 h-index	713332 21 g-index
53 all docs	53 docs citations	53 times ranked	1175 citing authors

#	Article	IF	Citations
1	Carbopol gel containing chitosan-egg albumin nanoparticles for transdermal aceclofenac delivery. Colloids and Surfaces B: Biointerfaces, 2014, 114, 36-44.	2.5	187
2	Aceclofenac-loaded chitosan-tamarind seed polysaccharide interpenetrating polymeric network microparticles. Colloids and Surfaces B: Biointerfaces, 2013, 105, 303-309.	2.5	133
3	Aceclofenac-loaded unsaturated esterified alginate/gellan gum microspheres: In vitro and in vivo assessment. International Journal of Biological Macromolecules, 2013, 57, 129-137.	3.6	111
4	Development of chitosan-based nanoparticles through inter-polymeric complexation for oral drug delivery. Carbohydrate Polymers, 2013, 98, 870-876.	5.1	110
5	In-vitro release of acyclovir loaded Eudragit RLPOÂ® nanoparticles for sustained drug delivery. International Journal of Biological Macromolecules, 2014, 67, 478-482.	3.6	87
6	Interpenetrating hydrogels of O -carboxymethyl Tamarind gum and alginate for monitoring delivery of acyclovir. International Journal of Biological Macromolecules, 2016, 92, 1034-1039.	3.6	58
7	Alginate Based Nanocarriers for Drug Delivery Applications. Current Pharmaceutical Design, 2016, 22, 3399-3410.	0.9	58
8	Pharmacokinetic evaluation of testosterone-loaded nanocapsules in rats. International Journal of Biological Macromolecules, 2015, 72, 28-30.	3.6	52
9	Metal ion-induced alginateâ€“locust bean gum IPN microspheres for sustained oral delivery of aceclofenac. International Journal of Biological Macromolecules, 2015, 72, 47-53.	3.6	51
10	Development of topical gel containing aceclofenac-crospovidone solid dispersion by â€œQuality by Design (QbD)â€•approach. Chemical Engineering Research and Design, 2014, 92, 2095-2105.	2.7	49
11	Chitosan â€" Locust bean gum interpenetrating polymeric network nanocomposites for delivery of aceclofenac. International Journal of Biological Macromolecules, 2017, 102, 878-884.	3.6	49
12	Novel alginate hydrogel coreâ€“shell systems for combination delivery of ranitidine HCl and aceclofenac. International Journal of Biological Macromolecules, 2015, 74, 85-92.	3.6	47
13	Gellan gum microspheres containing a novel Î±-amylase from marine Nocardiopsis sp. strain B2 for immobilization. International Journal of Biological Macromolecules, 2014, 70, 292-299.	3.6	45
14	Biosurfactant produced from Actinomycetes nocardiopsis A17: Characterization and its biological evaluation. International Journal of Biological Macromolecules, 2015, 79, 405-412.	3.6	35
15	Gelatin-carboxymethyl tamarind gum biocomposites: In vitro characterization & anti-inflammatory pharmacodynamics. Materials Science and Engineering C, 2016, 69, 478-485.	3.8	32
16	Boswellia gum resin/chitosan polymer composites: Controlled delivery vehicles for aceclofenac. International Journal of Biological Macromolecules, 2015, 77, 303-306.	3.6	31
17	In vitro aceclofenac release from IPN matrix tablets composed of chitosan-tamarind seed polysaccharide. International Journal of Biological Macromolecules, 2014, 65, 241-245.	3.6	28
18	Recent progress in alginate-based carriers for ocular targeting of therapeutics. Food Hydrocolloids for Health, 2022, 2, 100071.	1.6	17

#	Article	IF	Citations
19	Gellan gum/PVA Interpenetrating Network Micro-beads for Sustained Drug Delivery. Materials Today: Proceedings, 2019, 11, 614-619.	0.9	11
20	Guar gum in drug delivery applications. , 2019, , 187-201.		10
21	Marine Polysaccharides in Tailor-made Drug Delivery. Current Pharmaceutical Design, 2022, 28, 1046-1066.	0.9	7
22	Cationic polyelectrolyteâ€“biopolymer complex hydrogel particles for drug delivery. , 2018, , 223-256.		6
23	Nanotechnology in Bioactive Food Ingredients. , 2017, , 21-41.		5
24	Gellan gum (GG)-based IPN microbeads for sustained drug release. Journal of Drug Delivery Science and Technology, 2022, 69, 103034.	1.4	5
25	Natural polymeric biodegradable nanoblend for macromolecules delivery. , 2017, , 289-312.		4
26	Biocomposites in ocular drug delivery. , 2017, , 139-168.		4
27	Chitosan-based nanoparticulate systems for oral drug delivery. , 2017, , 607-638.		3
28	Chitosan-Based Interpenetrating Polymer Networks: Drug Delivery Application. , 2019, , 269-295.		3
29	Cellulose Derivative-Based Bioadhesive Blend Patch for Transdermal Drug Delivery. Frontiers in Materials, 0, 9, .	1.2	3
30	Biocomposites in therapeutic application. , 2017, , 1-29.		2
31	Stimuli-responsive guar gum composites for colon-specific drug delivery. , 2017, , 61-79.		2
32	Carrageenan-based nanomaterials in drug delivery applications. , 2021, , 365-382.		2
33	Role of Alginate in Drug Delivery Applications. , 2017, , 369-399.		1
34	Dendrimers as Nanostructured Therapeutic Carriers. , 2017, , 139-166.		0
35	Introduction to Novel Therapeutic Carriers. , 2017, , 1-24.		0
36	Polysaccharides as potential materials for the delivery of therapeutic molecules. , 2019, , 173-187.		0

#	Article	IF	Citations
37	Chitosan-based particulate composites: drug delivery and biomedical potential. , 2019, , 477-513.		0
38	Interpenetrating polysaccharide networks as oral drug delivery modalities. , 2019, , 319-338.		0
39	Locust Bean Gum (LBG)-Based Systems: Drug Delivery Applications. , 2015, , 1-7.		0
40	Nonsteroidal Anti-Inflammatory Drug (NSAID) Delivery: Biopolymer-Based Systems. , 2015, , 1-10.		0
41	Tamarind Seeds, Green Biomaterials from: Biomedical and Drug Delivery Applications. , 0, , 1-9.		0
42	Carboxymethyl Polysaccharide-Based Multiunit Hydrogel Systems for Drug Delivery. , 2017, , 227-251.		0
43	Biopolymer-based Interpenetrating Network Hydrogels for Oral Drug Delivery. , 2017, , 197-233.		0
44	Interpenetrating Polymer Network in Microparticulate Systems: Drug Delivery and Biomedical Application. , 2020, , 1-23.		0
45	Chitosan-based nanoengineered drug delivery system. , 2022, , 77-95.		0