Hitendra S Mahajan

List of Publications by Year
in descending order

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24 papers	845 citations	516561 16 h-index	610775 24 g-index
25 all docs	25 docs citations	25 times ranked	1105 citing authors

#	Article	IF	Citations
1	Development of vitamin B12 containing pullulan-bovine serum albumin microparticles designed dry powder inhaler: In-vitro and in-vivo study. Journal of Drug Delivery Science and Technology, 2022, 70, 103212.	1.4	5
2	Hydrogel for topical drug delivery based on Mimosa pudica seed mucilage: Development and characterization. Sustainable Chemistry and Pharmacy, 2022, 27, 100701.	1.6	3
3	Pullulan and Pluronic F-127 based in situ gel system for intranasal delivery: Development, in vitro and in vivo evaluation. Journal of Bioactive and Compatible Polymers, 2022, 37, 406-418.	0.8	5
4	Thiolated and carboxymethylated Cassia obtusifolia seed mucilage as novel excipient for drug delivery: development and characterisation. Materials Technology, 2021, 36, 857-867.	1.5	6
5	Ezetimibe-Loaded Nanostructured Lipid Carrier Based Formulation Ameliorates Hyperlipidaemia in an Experimental Model of High Fat Diet. Molecules, 2021, 26, 1485.	1.7	7
6	Isolation and structural characterization of mucilaginous polysaccharides obtained from the seeds of Cassia uniflora for industrial application. Food Chemistry, 2021, 351, 129262.	4.2	16
7	Modified pea starch based ocular films of azelastine hydrochloride: Development and characterization. Carbohydrate Polymer Technologies and Applications, 2021, 2, 100078.	1.6	2
8	Gel-based delivery of neurotherapeutics via naso-brain pathways. , 2021, , 225-245.		0
9	Methotrexate-Loaded Nanostructured Lipid Carrier Gel Alleviates Imiquimod-Induced Psoriasis by Moderating Inflammation: Formulation, Optimization, Characterization, In-Vitro and In-Vivo Studies . International Journal of Nanomedicine, 2020, Volume 15, 4763-4778.	3.3	38
10	Quercetin loaded nanoemulsion-based gel for rheumatoid arthritis: In vivo and in vitro studies. Biomedicine and Pharmacotherapy, 2019, 112, 108622.	2.5	99
11	Mixed micelles for bioavailability enhancement of nelfinavir mesylate: In vitro characterisation and In vivo pharmacokinetic study. Materials Technology, 2018, 33, 793-802.	1.5	12
12	Nasal inserts containing ondansetron hydrochloride based on Chitosanâ€“gellan gum polyelectrolyte complex: In vitroâ€“in vivo studies. Materials Science and Engineering C, 2016, 64, 329-335.	3.8	35
13	Development of grafted xyloglucan micelles for pulmonary delivery of curcumin: In vitro and in vivo studies. International Journal of Biological Macromolecules, 2016, 82, 621-627.	3.6	30
14	Development and evaluation of gel-forming ocular films based on xyloglucan. Carbohydrate Polymers, 2015, 122, 243-247.	5.1	37
15	Nanoemulsion-based intranasal drug delivery system of saquinavir mesylate for brain targeting. Drug Delivery, 2014, 21, 148-154.	2.5	170
16	Preparation, characterization and pulmonary pharmacokinetics of xyloglucan microspheres as dry powder inhalation. Carbohydrate Polymers, 2014, 102, 529-536.	5.1	42
17	Thiolated xyloglucan: Synthesis, characterization and evaluation as mucoadhesive in situ gelling agent. Carbohydrate Polymers, 2013, 91, 618-625.	5.1	71
18	Thermally reversible xyloglucan gels as vehicles for nasal drug delivery. Drug Delivery, 2012, 19, 270-276.	2.5	46

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19	Nasal in situ gel containing hydroxy propyl Î²-cyclodextrin inclusion complex of artemether: development and in vitro evaluation. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2011, 70, 49-58.	1.6	30
20	Nasal administration of ondansetron using a novel microspheres delivery system Part II: Ex vivo and in vivo studies. Pharmaceutical Development and Technology, 2010, 15, 653-657.	1.1	21
21	In situ gels of Metoclopramide Hydrochloride for intranasal delivery: In vitro evaluation and in vivo pharmacokinetic study in rabbits. Drug Delivery, 2010, 17, 19-27.	2.5	55
22	Formulation and evaluation of nasal mucoadhesive microspheres of Sumatriptan succinate. Journal of Microencapsulation, 2009, 26, 711-721.	1.2	33
23	Formulation and evaluation of in situ gelling system of dimenhydrinate for nasal administration. Pharmaceutical Development and Technology, 2009, 14, 240-248.	1.1	32
24	Nasal administration of ondansetron using a novel microspheres delivery system. Pharmaceutical Development and Technology, 2009, 14, 226-232.	1.1	22