Hitendra S Mahajan

List of Publications by Year
in descending order

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24 papers	845 citations	516710 16 h-index	610901 24 g-index
25 all docs	25 docs citations	25 times ranked	1105 citing authors

#	Article	IF	Citations
1	Nanoemulsion-based intranasal drug delivery system of saquinavir mesylate for brain targeting. Drug Delivery, 2014, 21, 148-154.	5.7	170
2	Quercetin loaded nanoemulsion-based gel for rheumatoid arthritis: In vivo and in vitro studies. Biomedicine and Pharmacotherapy, 2019, 112, 108622.	5.6	99
3	Thiolated xyloglucan: Synthesis, characterization and evaluation as mucoadhesive in situ gelling agent. Carbohydrate Polymers, 2013, 91, 618-625.	10.2	71
4	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.	5.7	55
5	Thermally reversible xyloglucan gels as vehicles for nasal drug delivery. Drug Delivery, 2012, 19, 270-276.	5.7	46
6	Preparation, characterization and pulmonary pharmacokinetics of xyloglucan microspheres as dry powder inhalation. Carbohydrate Polymers, 2014, 102, 529-536.	10.2	42
7	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.	6.7	38
8	Development and evaluation of gel-forming ocular films based on xyloglucan. Carbohydrate Polymers, 2015, 122, 243-247.	10.2	37
9	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.	7.3	35
10	Formulation and evaluation of nasal mucoadhesive microspheres of Sumatriptan succinate. Journal of Microencapsulation, 2009, 26, 711-721.	2.8	33
11	Formulation and evaluation of in situ gelling system of dimenhydrinate for nasal administration. Pharmaceutical Development and Technology, 2009, 14, 240-248.	2.4	32
12	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
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.	7.5	30
14	Nasal administration of ondansetron using a novel microspheres delivery system. Pharmaceutical Development and Technology, 2009, 14, 226-232.	2.4	22
15	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.	2.4	21
16	Isolation and structural characterization of mucilaginous polysaccharides obtained from the seeds of Cassia uniflora for industrial application. Food Chemistry, 2021, 351, 129262.	8.2	16
17	Mixed micelles for bioavailability enhancement of nelfinavir mesylate: In vitro characterisation and In vivo pharmacokinetic study. Materials Technology, 2018, 33, 793-802.	3.0	12
18	Ezetimibe-Loaded Nanostructured Lipid Carrier Based Formulation Ameliorates Hyperlipidaemia in an Experimental Model of High Fat Diet. Molecules, 2021, 26, 1485.	3.8	7

#	Article	IF	Citations
19	Thiolated and carboxymethylated Cassia obtusifolia seed mucilage as novel excipient for drug delivery: development and characterisation. Materials Technology, 2021, 36, 857-867.	3.0	6
20	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.	3.0	5
21	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.	2.1	5
22	Hydrogel for topical drug delivery based on Mimosa pudica seed mucilage: Development and characterization. Sustainable Chemistry and Pharmacy, 2022, 27, 100701.	3.3	3
23	Modified pea starch based ocular films of azelastine hydrochloride: Development and characterization. Carbohydrate Polymer Technologies and Applications, 2021, 2, 100078.	2.6	2
24	Gel-based delivery of neurotherapeutics via naso-brain pathways. , 2021, , 225-245.		0