Marianne Hiorth

List of Publications by Year
in descending order

43	1,835	218677 26	254184 43
papers	citations	h-index	g-index

44	44	44	2672
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stability of Chitosan Nanoparticles Cross-Linked with Tripolyphosphate. Biomacromolecules, 2012, 13, 3747-3756.	5.4	187
2	Effects of ionic strength on the size and compactness of chitosan nanoparticles. Colloid and Polymer Science, 2012, 290, 919-929.	2.1	109
3	Advanced drug delivery systems for local treatment of the oral cavity. Therapeutic Delivery, 2015, 6, 595-608.	2.2	104
4	Thermoreversible Gelation of Aqueous Mixtures of Pectin and Chitosan. Rheology. Biomacromolecules, 2003, 4, 337-343.	5.4	89
5	Studies on pectin coating of liposomes for drug delivery. Colloids and Surfaces B: Biointerfaces, 2011, 88, 664-673.	5.0	83
6	Studies on pectin-coated liposomes and their interaction with mucin. Colloids and Surfaces B: Biointerfaces, 2013, 103, 158-165.	5.0	77
7	Innovative Methods and Applications in Mucoadhesion Research. Macromolecular Bioscience, 2017, 17, 1600534.	4.1	77
8	The potential of pectin as a stabilizer for liposomal drug delivery systems. Carbohydrate Polymers, 2012, 90, 1337-1344.	10.2	72
9	Association under shear flow in aqueous solutions of pectin. European Polymer Journal, 2005, 41, 761-770.	5.4	66
10	Preparation of Ionically Cross-Linked Pectin Nanoparticles in the Presence of Chlorides of Divalent and Monovalent Cations. Biomacromolecules, 2013, 14, 3523-3531.	5.4	64
11	Formulation of polysaccharide-based nanoparticles for local administration into the oral cavity. European Journal of Pharmaceutical Sciences, 2017, 96, 381-389.	4.0	64
12	Shear-Induced Association and Gelation of Aqueous Solutions of Pectin. Journal of Physical Chemistry B, 2003, 107, 6324-6328.	2.6	54
13	Fluoride loaded polymeric nanoparticles for dental delivery. European Journal of Pharmaceutical Sciences, 2017, 104, 326-334.	4.0	50
14	Immersion coating of pellets with calcium pectinate and chitosan. International Journal of Pharmaceutics, 2006, 308, 25-32.	5.2	47
15	Mucoadhesion and drug permeability of free mixed films of pectin and chitosan: An in vitro and ex vivo study. European Journal of Pharmaceutics and Biopharmaceutics, 2009, 71, 325-331.	4.3	47
16	An in vitro study of mucoadhesion and biocompatibility of polymer coated liposomes on HT29-MTX mucus-producing cells. International Journal of Pharmaceutics, 2016, 498, 225-233.	5.2	47
17	The formation and permeability of drugs across free pectin and chitosan films prepared by a spraying method. European Journal of Pharmaceutics and Biopharmaceutics, 2003, 56, 175-181.	4.3	46
18	Formulation and preparation of stable cross-linked alginateâ€“zinc nanoparticles in the presence of a monovalent salt. Soft Matter, 2015, 11, 5765-5774.	2.7	44

#	Article	IF	Citations
19	Bioadhesive Mini-Tablets for Vaginal Drug Delivery. Pharmaceutics, 2014, 6, 494-511.	4.5	39
20	Polymer coated liposomes for dental drug delivery â€“ Interactions with parotid saliva and dental enamel. European Journal of Pharmaceutical Sciences, 2013, 50, 78-85.	4.0	37
21	Polysaccharide-coated liposomal formulations for dental targeting. International Journal of Pharmaceutics, 2017, 516, 106-115.	5.2	37
22	Polymer coated liposomes for use in the oral cavity â€“ a study of the in vitro toxicity, effect on cell permeability and interaction with mucin. Journal of Liposome Research, 2018, 28, 62-73.	3.3	36
23	The potential of liposomes as dental drug delivery systems. European Journal of Pharmaceutics and Biopharmaceutics, 2011, 77, 75-83.	4.3	33
24	The Potential of Chitosan in Nanomedicine: An Overview of the Cytotoxicity of Chitosan Based Nanoparticles. Frontiers in Pharmacology, 2022, 13, .	3.5	32
25	Temperature-induced association and gelation of aqueous solutions of pectin. A dynamic light scattering study. European Polymer Journal, 2004, 40, 2427-2435.	5.4	29
26	Polymer coated mucoadhesive liposomes intended for the management of xerostomia. International Journal of Pharmaceutics, 2017, 527, 72-78.	5.2	26
27	Structural and dynamical properties of aqueous mixtures of pectin and chitosan. European Polymer Journal, 2005, 41, 1718-1728.	5.4	25
28	The influence of liposomal formulation factors on the interactions between liposomes and hydroxyapatite. Colloids and Surfaces B: Biointerfaces, 2010, 76, 354-361.	5.0	24
29	Immersion coating of pellet cores consisting of chitosan and calcium intended for colon drug delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2010, 75, 245-253.	4.3	22
30	Liposomes coated with hydrophobically modified hydroxyethyl cellulose: Influence of hydrophobic chain length and degree of modification. Colloids and Surfaces B: Biointerfaces, 2017, 156, 79-86.	5.0	22
31	A multivariate analysis investigating different factors important for the interaction between liposomes and pectin. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 420, 1-9.	4.7	20
32	Studies on surface coating of phospholipid vesicles with a non-ionic polymer. Colloids and Surfaces B: Biointerfaces, 2014, 114, 45-52.	5.0	15
33	Rheological and thermal properties of suspensions of microcapsules containing phase change materials. Colloid and Polymer Science, 2018, 296, 981-988.	2.1	15
34	Formulation of bioadhesive hexylaminolevulinate pellets intended for photodynamic therapy in the treatment of cervical cancer. International Journal of Pharmaceutics, 2013, 441, 544-554.	5.2	14
35	Development of Cetylpyridinium-Alginate Nanoparticles: A Binding and Formulation Study. International Journal of Pharmaceutics, 2016, 511, 774-784.	5.2	13
36	Multivariate analysis for the optimization of polysaccharide-based nanoparticles prepared by self-assembly. Colloids and Surfaces B: Biointerfaces, 2016, 146, 136-143.	5.0	12

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37	Towards a better mechanistic comprehension of drug permeation and absorption: Introducing the diffusion-partitioning interplay. International Journal of Pharmaceutics, 2021, 608, 121116.	5.2	12
38	The Use of Chitosan-Coated Membrane Vesicles for Immunization Against Salmonid Rickettsial Septicemia in an Adult Zebrafish Model. Zebrafish, 2018, 15, 372-381.	1.1	11
39	Water sorption properties of HM-pectin and liposomes intended to alleviate dry mouth. International Journal of Pharmaceutics, 2016, 506, 201-206.	5.2	9
40	Characterization of temperature induced changes in liposomes coated with poly(N) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (-isopr	9.4	8
41	Complex Temperature and Concentration Dependent Self-Assembly of Poly(2-oxazoline) Block Copolymers. Polymers, 2020, 12, 1495.	4.5	8
42	Interactions of liposomes with dental restorative materials. Colloids and Surfaces B: Biointerfaces, 2015, 136, 744-751.	5.0	7
43	Improved Drug Delivery Systems for Preventing Dental Caries. Current Drug Delivery, 2017, 14, 446-448.	1.6	1