

Thorsteinn Loftsson

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6911950/thorsteinn-loftsson-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

261
papers

16,649
citations

58
h-index

125
g-index

272
ext. papers

18,379
ext. citations

5.1
avg, IF

7.22
L-index

#	Paper	IF	Citations
261	Pharmaceutical applications of cyclodextrins. 1. Drug solubilization and stabilization. <i>Journal of Pharmaceutical Sciences</i> , 1996 , 85, 1017-25	3.9	1593
260	Cyclodextrins as pharmaceutical solubilizers. <i>Advanced Drug Delivery Reviews</i> , 2007 , 59, 645-66	18.5	1355
259	Cyclodextrins and their pharmaceutical applications. <i>International Journal of Pharmaceutics</i> , 2007 , 329, 1-11	6.5	1210
258	Pharmaceutical applications of cyclodextrins: basic science and product development. <i>Journal of Pharmacy and Pharmacology</i> , 2010 , 62, 1607-21	4.8	578
257	Studies of curcumin and curcuminoids. XXVII. Cyclodextrin complexation: solubility, chemical and photochemical stability. <i>International Journal of Pharmaceutics</i> , 2002 , 244, 127-35	6.5	568
256	Cyclodextrins. <i>International Journal of Pharmaceutics</i> , 2013 , 453, 167-80	6.5	549
255	Cyclodextrins in drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2005 , 2, 335-51	8	507
254	Evaluation of cyclodextrin solubilization of drugs. <i>International Journal of Pharmaceutics</i> , 2005 , 302, 18-28	6.5	449
253	Cyclodextrins in topical drug formulations: theory and practice. <i>International Journal of Pharmaceutics</i> , 2001 , 225, 15-30	6.5	349
252	Self-association of cyclodextrins and cyclodextrin complexes. <i>Journal of Pharmaceutical Sciences</i> , 2004 , 93, 1091-9	3.9	322
251	Cyclodextrins: structure, physicochemical properties and pharmaceutical applications. <i>International Journal of Pharmaceutics</i> , 2018 , 535, 272-284	6.5	311
250	Cyclodextrins as functional excipients: methods to enhance complexation efficiency. <i>Journal of Pharmaceutical Sciences</i> , 2012 , 101, 3019-32	3.9	299
249	Self-assembled cyclodextrin aggregates and nanoparticles. <i>International Journal of Pharmaceutics</i> , 2010 , 387, 199-208	6.5	242
248	Cyclodextrins in ophthalmic drug delivery. <i>Advanced Drug Delivery Reviews</i> , 1999 , 36, 59-79	18.5	229
247	Effects of cyclodextrins on drug delivery through biological membranes. <i>Journal of Pharmaceutical Sciences</i> , 2007 , 96, 2532-46	3.9	218
246	Self-association and cyclodextrin solubilization of drugs. <i>Journal of Pharmaceutical Sciences</i> , 2002 , 91, 2307-16	3.9	210
245	Solubility of Cyclodextrins and Drug/Cyclodextrin Complexes. <i>Molecules</i> , 2018 , 23,	4.8	206

244	Role of cyclodextrins in improving oral drug delivery. <i>American Journal of Drug Delivery</i> , 2004 , 2, 261-275		205
243	Pharmaceutical applications of cyclodextrins: effects on drug permeation through biological membranes. <i>Journal of Pharmacy and Pharmacology</i> , 2011 , 63, 1119-35	4.8	198
242	Studies on curcumin and curcuminoids XXXI. Symmetric and asymmetric curcuminoids: stability, activity and complexation with cyclodextrin. <i>International Journal of Pharmaceutics</i> , 2007 , 338, 27-34	6.5	196
241	Soft antimicrobial agents: synthesis and activity of labile environmentally friendly long chain quaternary ammonium compounds. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 4173-81	8.3	164
240	Cyclodextrins as permeation enhancers: some theoretical evaluations and in vitro testing. <i>Journal of Controlled Release</i> , 1999 , 59, 107-18	11.7	149
239	The effect of water-soluble polymers on drug-cyclodextrin complexation. <i>International Journal of Pharmaceutics</i> , 1994 , 110, 169-177	6.5	148
238	Cyclodextrin-based nanogels for pharmaceutical and biomedical applications. <i>International Journal of Pharmaceutics</i> , 2012 , 428, 152-63	6.5	143
237	Antibacterial activity of methylated chitosan and chito oligomer derivatives: Synthesis and structure activity relationships. <i>European Polymer Journal</i> , 2007 , 43, 2660-2671	5.2	129
236	The complexation efficiency. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007 , 57, 545-552		115
235	Cyclodextrins in eye drop formulations: enhanced topical delivery of corticosteroids to the eye. <i>Acta Ophthalmologica</i> , 2002 , 80, 144-50		115
234	The effect of water-soluble polymers on aqueous solubility of drugs. <i>International Journal of Pharmaceutics</i> , 1996 , 127, 293-296	6.5	106
233	Synthesis and Characterization of Chitosan N-Betainates Having Various Degrees of Substitution. <i>Macromolecules</i> , 2004 , 37, 2784-2789	5.5	97
232	Cyclodextrins as solubilizers: formation of complex aggregates. <i>Journal of Pharmaceutical Sciences</i> , 2010 , 99, 719-29	3.9	94
231	Cyclodextrin solubilization of benzodiazepines: formulation of midazolam nasal spray. <i>International Journal of Pharmaceutics</i> , 2001 , 212, 29-40	6.5	94
230	Self-Assembly of Cyclodextrins and Their Complexes in Aqueous Solutions. <i>Journal of Pharmaceutical Sciences</i> , 2016 , 105, 2556-2569	3.9	90
229	The effect of water-soluble polymers on the aqueous solubility and complexing abilities of Cyclodextrin. <i>International Journal of Pharmaceutics</i> , 1998 , 163, 115-121	6.5	90
228	Cyclodextrin-Based Formulations: A Non-Invasive Platform for Targeted Drug Delivery. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018 , 122, 46-55	3.1	87
227	Cyclodextrin complexation of NSAIDs: physicochemical characteristics. <i>European Journal of Pharmaceutical Sciences</i> , 1993 , 1, 95-101	5.1	87

226	Self Association and Cyclodextrin Solubilization of NSAIDs. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2002 , 44, 213-218		84
225	Comparative interaction of 2-hydroxypropyl-beta-cyclodextrin and sulfobutylether-beta-cyclodextrin with itraconazole: phase-solubility behavior and stabilization of supersaturated drug solutions. <i>European Journal of Pharmaceutical Sciences</i> , 2008 , 34, 94-103	5.1	81
224	A permeation method for detection of self-aggregation of doxorubicin in aqueous environment. <i>International Journal of Pharmaceutics</i> , 2013 , 454, 559-61	6.5	77
223	βCyclodextrin. <i>International Journal of Pharmaceutics</i> , 2017 , 516, 278-292	6.5	77
222	Topical dexamethasone-cyclodextrin microparticle eye drops for diabetic macular edema 2011 , 52, 7944-8		77
221	Quantitation of drug content in a low dosage formulation by transmission near infrared spectroscopy. <i>AAPS PharmSciTech</i> , 2006 , 7, E29	3.9	77
220	Topical and systemic absorption in delivery of dexamethasone to the anterior and posterior segments of the eye. <i>Acta Ophthalmologica</i> , 2007 , 85, 598-602		76
219	Investigation and physicochemical characterization of vinpocetine-sulfobutyl ether beta-cyclodextrin binary and ternary complexes. <i>Chemical and Pharmaceutical Bulletin</i> , 2003 , 51, 914-22	1.9	74
218	Cyclodextrin microparticles for drug delivery to the posterior segment of the eye: aqueous dexamethasone eye drops. <i>Journal of Pharmacy and Pharmacology</i> , 2007 , 59, 629-35	4.8	73
217	Cyclodextrins and the Biopharmaceutics Classification System of Drugs. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2002 , 44, 63-67		73
216	Cyclodextrins and topical drug delivery to the anterior and posterior segments of the eye. <i>International Journal of Pharmaceutics</i> , 2017 , 531, 413-423	6.5	72
215	The effects of organic salts on the cyclodextrin solubilization of drugs. <i>International Journal of Pharmaceutics</i> , 2003 , 262, 101-7	6.5	71
214	CDs as solubilizers: effects of excipients and competing drugs. <i>International Journal of Pharmaceutics</i> , 2009 , 379, 32-40	6.5	68
213	Co-administration of a water-soluble polymer increases the usefulness of cyclodextrins in solid oral dosage forms. <i>Pharmaceutical Research</i> , 1998 , 15, 1696-701	4.5	68
212	Carvedilol: solubilization and cyclodextrin complexation: a technical note. <i>AAPS PharmSciTech</i> , 2008 , 9, 425-30	3.9	67
211	Cyclodextrin solubilization of the antibacterial agents triclosan and triclocarban: formation of aggregates and higher-order complexes. <i>International Journal of Pharmaceutics</i> , 2005 , 297, 213-22	6.5	65
210	Topical dexamethasone βcyclodextrin nanoparticle eye drops increase visual acuity and decrease macular thickness in diabetic macular oedema. <i>Acta Ophthalmologica</i> , 2015 , 93, 610-5	3.7	64
209	Diffusion characteristics of vitreous humour and saline solution follow the Stokes Einstein equation. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2009 , 247, 1677-84	3.8	63

208	The effect of hydroxypropyl methylcellulose on the release of dexamethasone from aqueous 2-hydroxypropyl-β-cyclodextrin formulations. <i>International Journal of Pharmaceutics</i> , 1994 , 104, 181-184	6.5	63
207	Cyclodextrins and drug permeability through semi-permeable cellophane membranes. <i>International Journal of Pharmaceutics</i> , 2002 , 232, 35-43	6.5	62
206	Self-assembly of cyclodextrins: the effect of the guest molecule. <i>International Journal of Pharmaceutics</i> , 2011 , 408, 235-47	6.5	59
205	Cyclodextrin formulation of dorzolamide and its distribution in the eye after topical administration. <i>Journal of Controlled Release</i> , 2005 , 102, 255-62	11.7	59
204	The effect of polyvinylpyrrolidone on cyclodextrin complexation of hydrocortisone and its diffusion through hairless mouse skin. <i>International Journal of Pharmaceutics</i> , 1995 , 126, 73-78	6.5	57
203	Self-assembly of cyclodextrin complexes: aggregation of hydrocortisone/cyclodextrin complexes. <i>International Journal of Pharmaceutics</i> , 2011 , 407, 174-83	6.5	56
202	Effects of cyclodextrins on the chemical stability of drugs. <i>International Journal of Pharmaceutics</i> , 2017 , 531, 532-542	6.5	55
201	Cyclodextrin solubilization of carbonic anhydrase inhibitor drugs: formulation of dorzolamide eye drop microparticle suspension. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010 , 76, 208-147	5.7	55
200	Stabilisation of ionic drugs through complexation with non-ionic and ionic cyclodextrins. <i>International Journal of Pharmaceutics</i> , 1998 , 164, 45-55	6.5	54
199	The effect of polyvinylpyrrolidone and hydroxypropyl methylcellulose on HPβCD complexation of hydrocortisone and its permeability through hairless mouse skin. <i>European Journal of Pharmaceutical Sciences</i> , 1994 , 2, 297-301	5.1	54
198	Metabolism, distribution, and transdermal permeation of a soft corticosteroid, loteprednol etabonate. <i>Pharmaceutical Research</i> , 1992 , 9, 1275-8	4.5	54
197	Pharmacokinetics of cyclodextrins and drugs after oral and parenteral administration of drug/cyclodextrin complexes. <i>Journal of Pharmacy and Pharmacology</i> , 2016 , 68, 544-55	4.8	53
196	Effect of the unstirred water layer on permeability enhancement by hydrophilic cyclodextrins. <i>International Journal of Pharmaceutics</i> , 2007 , 342, 250-3	6.5	52
195	Improved delivery through biological membranes. XXXL: Solubilization and stabilization of an estradiol chemical delivery system by modified beta-cyclodextrins. <i>Journal of Pharmaceutical Sciences</i> , 1988 , 77, 981-5	3.9	51
194	Topical drug delivery to the eye: dorzolamide. <i>Acta Ophthalmologica</i> , 2012 , 90, 603-8	3.7	50
193	Soft antibacterial agents. <i>Current Medicinal Chemistry</i> , 2003 , 10, 1129-36	4.3	49
192	Cyclodextrin Solubilization of the Antibacterial Agents Triclosan and Triclocarban: Effect of Ionization and Polymers. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2005 , 52, 109-117		49
191	Encapsulation of drug molecules into calix[n]arene nanobaskets. role of aminocalix[n]arenes in biopharmaceutical field. <i>Journal of Pharmaceutical Sciences</i> , 2013 , 102, 3485-512	3.9	48

190	Dexamethasone eye drops containing β -cyclodextrin-based nanogels. <i>International Journal of Pharmaceutics</i> , 2013 , 441, 507-15	6.5	47
189	Investigation of drug-cyclodextrin complexes by a phase-distribution method: some theoretical and practical considerations. <i>Chemical and Pharmaceutical Bulletin</i> , 2005 , 53, 958-64	1.9	47
188	Studies of curcumin and curcuminoids. XXXVI. The stoichiometry and complexation constants of cyclodextrin complexes as determined by the phase-solubility method and UV-Vis titration. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010 , 66, 335-348		45
187	Effect of cyclodextrins and polymers on triclosan availability and substantivity in toothpastes in vivo. <i>Journal of Pharmaceutical Sciences</i> , 1999 , 88, 1254-8	3.9	45
186	Electroblowing and electrospinning of fibrous diclofenac sodium-cyclodextrin complex-based reconstitution injection. <i>Journal of Drug Delivery Science and Technology</i> , 2015 , 26, 28-34	4.5	44
185	2-hydroxypropyl- β -cyclodextrin in topical carbonic anhydrase inhibitor formulations. <i>European Journal of Pharmaceutical Sciences</i> , 1994 , 1, 175-180	5.1	44
184	Drug solubilization by complexation. <i>International Journal of Pharmaceutics</i> , 2017 , 531, 276-280	6.5	43
183	Self-association of cyclodextrins and cyclodextrin complexes in aqueous solutions. <i>International Journal of Pharmaceutics</i> , 2019 , 560, 228-234	6.5	43
182	Cross-linked hydroxypropyl- β -cyclodextrin and β -cyclodextrin nanogels for drug delivery: Physicochemical and loading/release properties. <i>Carbohydrate Polymers</i> , 2012 , 87, 2344-2351	10.3	42
181	Effect of self-aggregation of β -cyclodextrin on drug solubilization. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010 , 68, 229-236		42
180	Assessment of mucoadhesion by a resonant mirror biosensor. <i>International Journal of Pharmaceutics</i> , 2006 , 325, 75-81	6.5	42
179	Evaluation of a cationic calix[4]arene: Solubilization and self-aggregation ability. <i>International Journal of Pharmaceutics</i> , 2010 , 402, 10-9	6.5	40
178	The effects of 2-hydroxypropyl- β -cyclodextrin on the solubility and stability of chlorambucil and melphalan in aqueous solution. <i>International Journal of Pharmaceutics</i> , 1989 , 57, 63-72	6.5	40
177	Development and evaluation of an artificial membrane for determination of drug availability. <i>International Journal of Pharmaceutics</i> , 2006 , 326, 60-8	6.5	39
176	Potential of anticancer effects of microencapsulated carboplatin by hydroxypropyl β -cyclodextrin. <i>Journal of Controlled Release</i> , 1996 , 40, 251-260	11.7	38
175	Effect of various cyclodextrins on solution stability and dissolution rate of doxorubicin hydrochloride. <i>International Journal of Pharmaceutics</i> , 1992 , 79, 289-299	6.5	37
174	Comparison of topical 0.7% dexamethasone-cyclodextrin with 0.1% dexamethasone sodium phosphate for postcataract inflammation. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2006 , 244, 620-6	3.8	35
173	Self-assembly of cyclodextrin complexes: effect of temperature, agitation and media composition on aggregation. <i>International Journal of Pharmaceutics</i> , 2011 , 419, 322-8	6.5	34

172	Improved acitretin delivery through hairless mouse skin by cyclodextrin complexation. <i>International Journal of Pharmaceutics</i> , 1995 , 115, 255-258	6.5	33
171	Aqueous hydrocortisone mouthwash solution: clinical evaluation. <i>Acta Odontologica Scandinavica</i> , 1998 , 56, 157-60	2.2	32
170	Solubilization and stabilization of a benzylpenicillin chemical delivery system by 2-hydroxypropyl-beta-cyclodextrin. <i>Pharmaceutical Research</i> , 1991 , 8, 1044-9	4.5	32
169	Improved delivery through biological membranes VIII: Design, synthesis, and in vivo testing of true prodrugs of aspirin. <i>Journal of Pharmaceutical Sciences</i> , 1981 , 70, 743-9	3.9	32
168	yCD/HPyCD mixtures as solubilizer: solid-state characterization and sample dexamethasone eye drop suspension. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2010 , 13, 336-50	3.4	31
167	Buccal absorption of ergotamine tartrate using the bioadhesive tablet system in guinea-pigs. <i>International Journal of Pharmaceutics</i> , 2002 , 238, 161-70	6.5	31
166	Improved delivery through biological membranes XD: Percutaneous absorption and metabolism of methylsulfinylmethyl 2-acetoxybenzoate and related aspirin prodrugs. <i>Journal of Pharmaceutical Sciences</i> , 1981 , 70, 756-8	3.9	31
165	Development of a cyclodextrin-based aqueous cyclosporin A eye drop formulations. <i>International Journal of Pharmaceutics</i> , 2015 , 493, 86-95	6.5	30
164	Kinetics of β -cyclodextrin nanoparticle suspension eye drops in tear fluid. <i>Acta Ophthalmologica</i> , 2014 , 92, 550-6	3.7	30
163	Excipient pharmacokinetics and profiling. <i>International Journal of Pharmaceutics</i> , 2015 , 480, 48-54	6.5	30
162	Self-assembled cyclodextrin nanoparticles and drug delivery. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014 , 80, 1-7	1.7	30
161	β -Cyclodextrin hydrogels and semi-interpenetrating networks for sustained delivery of dexamethasone. <i>Carbohydrate Polymers</i> , 2010 , 80, 900-907	10.3	30
160	Drug delivery to retinal photoreceptors. <i>Drug Discovery Today</i> , 2019 , 24, 1637-1643	8.8	29
159	Sulfobutylether- β -cyclodextrin/chitosan nano- and microparticles and their physicochemical characteristics. <i>International Journal of Pharmaceutics</i> , 2014 , 472, 282-7	6.5	29
158	Intranasal midazolam: a comparison of two delivery devices in human volunteers. <i>Journal of Pharmacy and Pharmacology</i> , 2006 , 58, 1311-8	4.8	29
157	Formulation and testing of methazolamide cyclodextrin eye drop solutions. <i>Journal of Controlled Release</i> , 1997 , 44, 95-99	11.7	29
156	Influence of cyclodextrins on the stability of the peptide salmon calcitonin in aqueous solution. <i>International Journal of Pharmaceutics</i> , 1999 , 186, 205-13	6.5	28
155	Cyclodextrin-poloxamer aggregates as nanocarriers in eye drop formulations: dexamethasone and amphotericin B. <i>Drug Development and Industrial Pharmacy</i> , 2016 , 42, 1446-54	3.6	27

154	Effect of β -cyclodextrin on solubilization and complexation of irbesartan: influence of pH and excipients. <i>International Journal of Pharmaceutics</i> , 2014 , 474, 80-90	6.5	27
153	Cyclodextrins: new drug delivery systems in dermatology. <i>International Journal of Dermatology</i> , 1998 , 37, 241-6	1.7	27
152	Self-assembly of cyclodextrins: formation of cyclodextrin polymer based nanoparticles. <i>Journal of Drug Delivery Science and Technology</i> , 2012 , 22, 215-221	4.5	26
151	Drug/cyclodextrin: beyond inclusion complexation. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2011 , 69, 297-301		25
150	Physicochemical properties of water and its effect on drug delivery. A commentary. <i>International Journal of Pharmaceutics</i> , 2008 , 354, 248-54	6.5	25
149	Dextran-based cyclodextrin polymers: their solubilizing effect and self-association. <i>Carbohydrate Polymers</i> , 2013 , 97, 635-42	10.3	24
148	Effects of cogrinding with β -cyclodextrin on the solid state fentanyl. <i>Journal of Pharmaceutical Sciences</i> , 2010 , 99, 5019-29	3.9	24
147	Effect of cod-liver oil extract on the buccal permeation of ergotamine tartrate. <i>Drug Development and Industrial Pharmacy</i> , 1998 , 24, 757-62	3.6	24
146	Soluble 1:1 complexes and insoluble 3:2 complexes - Understanding the phase-solubility diagram of hydrocortisone and β -cyclodextrin. <i>International Journal of Pharmaceutics</i> , 2017 , 531, 504-511	6.5	23
145	Topical drug delivery to the posterior segment of the eye: Dexamethasone concentrations in various eye tissues after topical administration for up to 15 days to rabbits. <i>Journal of Drug Delivery Science and Technology</i> , 2018 , 45, 449-454	4.5	23
144	Parenteral delivery of HP β CD: effects on drug-HSA binding. <i>AAPS PharmSciTech</i> , 2010 , 11, 1152-8	3.9	23
143	gammaCD/HPgammaCD: synergistic solubilization. <i>International Journal of Pharmaceutics</i> , 2008 , 363, 217-9	6.5	23
142	Cyclodextrin?Amphiphilic Copolymer Supramolecular Assemblies for the Ocular Delivery of Natamycin. <i>Nanomaterials</i> , 2019 , 9,	5.4	22
141	A New Approach for Quantitative Determination of β -Cyclodextrin in Aqueous Solutions: Application in Aggregate Determinations and Solubility in Hydrocortisone/ β -Cyclodextrin Inclusion Complex. <i>Journal of Pharmaceutical Sciences</i> , 2015 , 104, 3925-3933	3.9	22
140	β -Cyclodextrin nanoparticle eye drops with dorzolamide: effect on intraocular pressure in man. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2014 , 30, 35-41	2.6	22
139	Drug targeting to the hair follicles: a cyclodextrin-based drug delivery. <i>AAPS PharmSciTech</i> , 2009 , 10, 266-9	3.9	22
138	Effects of various cyclodextrins on the stability of freeze-dried lactate dehydrogenase. <i>Journal of Pharmaceutical Sciences</i> , 2007 , 96, 3140-3	3.9	22
137	Improved delivery through biological membranes IX: Kinetics and mechanism of hydrolysis of methylsulfinylmethyl 2-acetoxybenzoate and related aspirin prodrugs. <i>Journal of Pharmaceutical Sciences</i> , 1981 , 70, 750-5	3.9	22

136	The self-assemble of natural cyclodextrins in aqueous solutions: Application of miniature permeation studies for critical aggregation concentration (cac) determinations. <i>International Journal of Pharmaceutics</i> , 2016 , 505, 187-93	6.5	22
135	The effect of parenterally administered cyclodextrins on the pharmacokinetics of coadministered drugs. <i>Journal of Pharmaceutical Sciences</i> , 2012 , 101, 4402-8	3.9	21
134	Cyclodextrin solubilization of ETH-615, a zwitterionic drug. <i>Drug Development and Industrial Pharmacy</i> , 1998 , 24, 365-70	3.6	21
133	The effect of cyclodextrins on the solubility and stability of medroxyprogesterone acetate and megestrol acetate in aqueous solution. <i>International Journal of Pharmaceutics</i> , 1993 , 98, 225-230	6.5	21
132	The effect of vehicle additives on the transdermal delivery of nitroglycerin. <i>Pharmaceutical Research</i> , 1987 , 4, 436-7	4.5	21
131	Cyclodextrin-based telmisartan ophthalmic suspension: Formulation development for water-insoluble drugs. <i>International Journal of Pharmaceutics</i> , 2016 , 507, 21-31	6.5	21
130	Development of eye drops containing antihypertensive drugs: formulation of aqueous irbesartan/CD eye drops. <i>Pharmaceutical Development and Technology</i> , 2015 , 20, 626-32	3.4	20
129	Examination of ¹⁹ F-NMR as a tool for investigation of drug-cyclodextrin complexes. <i>Drug Development and Industrial Pharmacy</i> , 2003 , 29, 107-12	3.6	20
128	Fatty acids from marine lipids: Biological activity, formulation and stability. <i>Journal of Drug Delivery Science and Technology</i> , 2016 , 34, 71-75	4.5	19
127	Enalaprilat and enalapril maleate eyedrops lower intraocular pressure in rabbits. <i>Acta Ophthalmologica</i> , 2010 , 88, 337-41	3.7	19
126	Preparation, characterization, and anesthetic properties of 2-hydroxypropyl-beta-cyclodextrin complexes of pregnanolone and pregnenolone in rat and mouse. <i>Journal of Pharmaceutical Sciences</i> , 1995 , 84, 1154-9	3.9	19
125	Soft Drugs VI. The Application of the Inactive Metabolite Approach for Design of Soft β -Blockers ¹ ?. <i>Pharmaceutical Research</i> , 1984 , 1, 120-5	4.5	19
124	Cyclodextrins in Parenteral Formulations. <i>Journal of Pharmaceutical Sciences</i> , 2021 , 110, 654-664	3.9	18
123	Dexamethasone delivery to posterior segment of the eye. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007 , 57, 585-589		17
122	Cyclodextrins in Eye Drop Formulations. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2002 , 44, 23-27		17
121	Formulation and clinical evaluation of a hydrocortisone solution for the treatment of oral disease. <i>International Journal of Pharmaceutics</i> , 1996 , 139, 63-68	6.5	17
120	Development of celecoxib eye drop solution and microsuspension: A comparative investigation of binary and ternary cyclodextrin complexes. <i>Carbohydrate Polymers</i> , 2019 , 225, 115209	10.3	16
119	Formulations and toxicologic in vivo studies of aqueous cyclosporin A eye drops with cyclodextrin nanoparticles. <i>International Journal of Pharmaceutics</i> , 2017 , 529, 486-490	6.5	16

118	Microspheres and Nanotechnology for Drug Delivery. <i>Developments in Ophthalmology</i> , 2016 , 55, 93-103		16
117	Mucoadhesive Sustained Drug Delivery System Based on Cationic Polymer and Anionic Cyclodextrin/Triclosan Complex. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2002 , 44, 169-172		16
116	Degradation of lomustine (CCNU) in aqueous solutions. <i>International Journal of Pharmaceutics</i> , 1990 , 62, 243-247	6.5	16
115	Cyclodextrin solubilization of celecoxib: solid and solution state characterization. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2018 , 90, 75-88	1.7	15
114	In Vitro and Ex Vivo Evaluation of Nepafenac-Based Cyclodextrin Microparticles for Treatment of Eye Inflammation. <i>Nanomaterials</i> , 2020 , 10,	5.4	14
113	Cationic quaternized aminocalix[4]arenes: cytotoxicity, haemolytic and antibacterial activities. <i>International Journal of Pharmaceutics</i> , 2013 , 458, 25-30	6.5	14
112	Drug loading in cyclodextrin polymers: dexamethasone model drug. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2011 , 69, 377-382		14
111	Improved delivery through biological membranes. XLV. Synthesis, physical-chemical evaluation, and brain uptake studies of 2-chloroethyl nitrosourea delivery systems. <i>Pharmaceutical Research</i> , 1992 , 9, 743-9	4.5	14
110	Inclusion complexes of p-hydroxybenzoic acid esters and β -cyclodextrin. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2018 , 90, 111-122	1.7	14
109	Pharmacokinetics and -dynamics of intramuscular and intranasal naloxone: an explorative study in healthy volunteers. <i>European Journal of Clinical Pharmacology</i> , 2018 , 74, 873-883	2.8	13
108	Fish skin as a model membrane: structure and characteristics. <i>Journal of Pharmacy and Pharmacology</i> , 2010 , 61, 121-124	4.8	13
107	Estramustine: hydrolysis, solubilization, and stabilization in aqueous solutions. <i>International Journal of Pharmaceutics</i> , 1992 , 79, 107-112	6.5	13
106	Evaluation of β -cyclodextrin effect on permeation of lipophilic drugs: application of cellophane/fused octanol membrane. <i>Pharmaceutical Development and Technology</i> , 2017 , 22, 562-570	3.4	12
105	Self-Assembly of β -Cyclodextrin and β -Cyclodextrin: Identification and Development of Analytical Techniques. <i>Journal of Pharmaceutical Sciences</i> , 2018 , 107, 2208-2215	3.9	12
104	Antifungal drug solubilizing activity and self-aggregation ability of cationic aminocalix[4]arene in comparison to SBE β CD: effect of addition of water-soluble polymer. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014 , 79, 47-55	1.7	12
103	Cyclodextrin-accelerated degradation of β -lactam antibiotics in aqueous solutions. <i>International Journal of Pharmaceutics</i> , 1991 , 67, R5-R7	6.5	12
102	Fish Skin as a Model Membrane to Study Transmembrane Drug Delivery with Cyclodextrins. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2002 , 44, 177-182		11
101	Nepafenac-Loaded Cyclodextrin/Polymer Nanoaggregates: A New Approach to Eye Drop Formulation. <i>Materials</i> , 2019 , 12,	3.5	11

100	Novel excipients - Regulatory challenges and perspectives - The EU insight. <i>International Journal of Pharmaceutics</i> , 2018 , 546, 176-179	6.5	11
99	Triclosan-loaded with high encapsulation efficiency into PLA nanoparticles coated with β -cyclodextrin polymer. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013 , 75, 277-283		10
98	For the special IJP issue "poorly soluble drugs". <i>International Journal of Pharmaceutics</i> , 2013 , 453, 1-2	6.5	10
97	Dorzolamide cyclodextrin nanoparticle suspension eye drops and Trusopt in rabbit. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2014 , 30, 464-7	2.6	10
96	Effect of the cod-liver oil extract on the buccal permeation of ionized and nonionized forms of ergotamine using the keratinized epithelial-free membrane of hamster cheek pouch mucosa. <i>International Journal of Pharmaceutics</i> , 1998 , 174, 151-156	6.5	10
95	The Effects of Cyclodextrins on Hydrocortisone Permeability Through Semi-Permeable Membranes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2002 , 44, 163-167		10
94	Soft drugs based on hydrocortisone: the inactive metabolite approach and its application to steroidal antiinflammatory agents. <i>Pharmaceutical Research</i> , 1999 , 16, 961-7	4.5	10
93	2-Hydroxypropyl- β -Cyclodextrin Aggregates: Identification and Development of Analytical Techniques. <i>Materials</i> , 2018 , 11,	3.5	10
92	The pharmacokinetics and transdermal delivery of loteprednol etabonate and related soft steroids. <i>Advanced Drug Delivery Reviews</i> , 1994 , 14, 293-299	18.5	9
91	Aqueous solubility of kinase inhibitors: I the effect of hydrophilic polymers on their β -cyclodextrin solubilization. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 55, 101462	4.5	9
90	Topical drug delivery to the posterior segment of the eye: Thermodynamic considerations. <i>International Journal of Pharmaceutics</i> , 2021 , 597, 120332	6.5	9
89	Interaction of native cyclodextrins and their hydroxypropylated derivatives with parabens in aqueous solutions. Part 1: evaluation of inclusion complexes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2019 , 93, 309-321	1.7	8
88	Formation and stability assessment of self-assembled nanoparticles from large Mw chitosan and sulfobutylether- β -cyclodextrin. <i>Journal of Drug Delivery Science and Technology</i> , 2015 , 30, 478-485	4.5	8
87	Hydrolysis kinetics and QSAR investigation of soft antimicrobial agents. <i>Journal of Pharmacy and Pharmacology</i> , 2005 , 57, 721-7	4.8	8
86	Cyclodextrins and the liquid-liquid phase distribution of progesterone, estrone and prednicarbate. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007 , 57, 481-487		8
85	Formulation development for a zidovudine chemical delivery system 1. Parenteral dosage forms. <i>International Journal of Pharmaceutics</i> , 1995 , 125, 17-30	6.5	8
84	Formulation development for a zidovudine chemical delivery system 2. Towards oral and non-parenteral dosage forms. <i>International Journal of Pharmaceutics</i> , 1995 , 125, 31-43	6.5	8
83	Stabilizing effect of tris(hydroxymethyl)aminomethane on N-nitrosoureas in aqueous solutions. <i>Journal of Pharmaceutical Sciences</i> , 1992 , 81, 197-8	3.9	8

82	Angiotensin Receptor Blockers in cyclodextrin nanoparticle eye drops: Ocular pharmacokinetics and pharmacologic effect on intraocular pressure. <i>Acta Ophthalmologica</i> , 2021 , 99, 376-382	3.7	8
81	Topical Formulation Comprising Fatty Acid Extract from Cod Liver Oil: Development, Evaluation and Stability Studies. <i>Marine Drugs</i> , 2016 , 14,	6	8
80	Interaction of Native Cyclodextrins and Their Hydroxypropylated Derivatives with Carbamazepine in Aqueous Solution. Evaluation of Inclusion Complexes and Aggregates Formation. <i>ACS Omega</i> , 2019 , 4, 1460-1469	3.9	8
79	Topical drug delivery to the posterior segment of the eye: The effect of benzalkonium chloride on topical dexamethasone penetration into the eye in vivo. <i>Journal of Drug Delivery Science and Technology</i> , 2018 , 48, 125-127	4.5	8
78	Crystal Structure of Fentanyl Base. <i>X-ray Structure Analysis Online</i> , 2009 , 25, 83-84	0.2	7
77	The Use of Solubilizing Excipients and Approaches to Generate Toxicology Vehicles for Contemporary Drug Pipelines 2007 , 221-256		7
76	Interaction of fentanyl with various cyclodextrins in aqueous solutions. <i>Journal of Pharmacy and Pharmacology</i> , 2016 , 68, 588-97	4.8	7
75	Cyclodextrin-based formulation of carbonic anhydrase inhibitors for ocular delivery - A review. <i>International Journal of Pharmaceutics</i> , 2021 , 606, 120955	6.5	7
74	Stability characterization, kinetics and mechanism of tacrolimus degradation in cyclodextrin solutions. <i>International Journal of Pharmaceutics</i> , 2020 , 586, 119579	6.5	6
73	Cycloserine fatty acid derivatives as prodrugs: synthesis, degradation and in vitro skin permeability. <i>Chemical and Pharmaceutical Bulletin</i> , 2002 , 50, 554-7	1.9	6
72	Microcapsules Containing Water-Soluble Cyclodextrin Inclusion Complexes of Water-Insoluble Drugs. <i>ACS Symposium Series</i> , 1993 , 168-189	0.4	6
71	Stabilization of aspartame by cyclodextrins. <i>International Journal of Pharmaceutics</i> , 1991 , 75, R5-R8	6.5	6
70	Aqueous eye drops containing drug/cyclodextrin nanoparticles deliver therapeutic drug concentrations to both anterior and posterior segment. <i>Acta Ophthalmologica</i> , 2021 ,	3.7	6
69	Physicochemical Properties and Pharmacokinetics 2015 , 85-104		5
68	Can postoperative dexamethasone nanoparticle eye drops replace mitomycin C in trabeculectomy?. <i>Acta Ophthalmologica</i> , 2020 , 98, 607-612	3.7	5
67	Self-assembled cyclodextrin-based nanoparticles for meropenem stabilization. <i>Journal of Drug Delivery Science and Technology</i> , 2018 , 45, 20-27	4.5	5
66	Crystallographic and theoretical studies of an inclusion complex of β -cyclodextrin with fentanyl. <i>International Journal of Pharmaceutics</i> , 2017 , 531, 588-594	6.5	5
65	Development of octanol membranes for drug screening. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007 , 57, 613-617		5

64	Design and Pharmaceutical Applications of Prodrugs 2005 , 733-796		5
63	Synthesis of Cyclic Glycerol Ether Cyclodextrin Derivatives and Investigation of their Binding Properties with Drugs. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1999 , 33, 459-467		5
62	Fish skin as a model membrane: structure and characteristics. <i>Journal of Pharmacy and Pharmacology</i> , 2009 , 61, 121-4	4.8	5
61	Aqueous solubility of kinase inhibitors: II the effect of hexadimethrine bromide on the dovitinib/ β -cyclodextrin complexation. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 55, 101463	4.5	5
60	Age-related ocular conditions: Current treatments and role of cyclodextrin-based nanotherapies. <i>International Journal of Pharmaceutics</i> , 2021 , 603, 120707	6.5	5
59	Disruption of β and β -cyclodextrin aggregates promoted by chaotropic agent (urea). <i>Journal of Drug Delivery Science and Technology</i> , 2018 , 48, 209-214	4.5	5
58	Sustained drug delivery system based on a cationic polymer and an anionic drug/cyclodextrin complex. <i>Die Pharmazie</i> , 2001 , 56, 746-7	1.5	5
57	Physicochemical characterization and stability of microbeads containing cod-liver oil encircled with natural cyclodextrins. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014 , 78, 485-499	1.7	4
56	Clinical trial: marine lipid suppositories as laxatives. <i>Marine Drugs</i> , 2012 , 10, 2047-54	6	4
55	Drug Solubilization and Stabilization by Cyclodextrin Drug Carriers 2013 , 67-101		4
54	Evaluation of sugammadex self-association. <i>International Journal of Pharmaceutics</i> , 2011 , 413, 134-9	6.5	4
53	The effect of 2-hydroxypropyl- β -cyclodextrin on the simultaneous dissolution and degradation of chlorambucil. <i>International Journal of Pharmaceutics</i> , 1990 , 66, 289-292	6.5	4
52	Trifluorothymidine: potential non-invasive diagnosis of herpes simplex infection using ^{19}F nuclear magnetic resonance in a murine hepatitis model. <i>Journal of Virological Methods</i> , 1987 , 18, 257-69	2.6	4
51	Complexation Use of Cyclodextrins to Improve Pharmaceutical Properties of Intramuscular Formulations 1999 , 307-336		4
50	Antifungal activity of econazole nitrate/cyclodextrin complex: Effect of pH and formation of complex aggregates. <i>International Journal of Pharmaceutics</i> , 2020 , 574, 118896	6.5	4
49	Bio-Distribution and Pharmacokinetics of Topically Administered β -Cyclodextrin Based Eye Drops in Rabbits. <i>Pharmaceutics</i> , 2021 , 14,	5.2	4
48	Free fatty acid suppositories are as effective as docusate sodium and sorbitol enemas in treating constipation in children. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2016 , 105, 689-94	3.1	4
47	Solubilization and in vitro permeation of dovitinib/cyclodextrin complexes and their aggregates. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2020 , 97, 195-203	1.7	4

46	Interaction of native CDs and their hydroxypropyl derivatives with parabens in aqueous solutions. Part 2: evaluation of paraben/cyclodextrin complex aggregation. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2019 , 93, 323-332	1.7	3
45	Basic Concepts of Pharmacokinetics 2015 , 9-84		3
44	Characterization and Evaluation of Ternary Complexes of Ascorbic Acid with β -Cyclodextrin and Poly(vinyl Alcohol). <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
43	Ocular powder: dry topical formulations of timolol are well tolerated in rabbits. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2006 , 22, 340-6	2.6	3
42	Formulation development and upscaling of lipid nanocapsules as a drug delivery system for a novel cyclic GMP analogue intended for retinal drug delivery. <i>International Journal of Pharmaceutics</i> , 2021 , 602, 120640	6.5	3
41	Drug Pharmacokinetics After Alternative Routes of Administration 2015 , 105-118		2
40	Effect of porcine pancreatic α -amylase on dexamethasone release from aqueous solution containing natural β -cyclodextrin. <i>International Journal of Pharmaceutics</i> , 2020 , 585, 119452	6.5	2
39	Surface activity and self-aggregation ability of three cationic quaternized aminocalix[4]arenes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014 , 79, 473-483	1.7	2
38	Su1100 Marine Lipid Suppositories for Constipation in Children. <i>Gastroenterology</i> , 2013 , 144, S-398-S-399	3.3	2
37	Degradation Pathways 2014 , 63-104		2
36	Principles of Drug Degradation 2014 , 5-62		2
35	Microspheres and nanotechnology for drug delivery 2010 , 86-90		2
34	Dermal delivery of ETH-615, a zwitterionic drug. <i>Drug Development and Industrial Pharmacy</i> , 2000 , 26, 709-14	3.6	2
33	Synthesis and evaluation of novel lidocaine sulfur analogs. <i>International Journal of Pharmaceutics</i> , 1984 , 22, 345-355	6.5	2
32	Aqueous solubility of kinase inhibitors: III the effect of acidic counter ion on the dovitinib/ β -cyclodextrin complexation. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2020 , 98, 57-67	1.7	2
31	Coadministration of a Water-Soluble Polymer Increases the Usefulness of Cyclodextrins in Solid Oral Dosage Forms 1999 , 261-264		2
30	Cyclodextrins as Skin Penetration Enhancers 1996 , 403-406		2
29	Cytotoxicity of β -Cyclodextrins in Retinal Explants for Intravitreal Drug Formulations. <i>Molecules</i> , 2021 , 26,	4.8	2

28	Formulation of Drug-Cyclodextrin Complexes 2015 , 189-205		1
27	Clinical trial: free fatty acid suppositories compared with enema as bowel preparation for flexible sigmoidoscopy. <i>Frontline Gastroenterology</i> , 2015 , 6, 278-283	2.6	1
26	Effect of β and γ -cyclodextrins and their methylated derivatives on the degradation rate of benzylpenicillin. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2018 , 91, 199-209	1.7	1
25	Stability Testing 2014 , 121-125		1
24	Cyclodextrin-Enhanced Drug Delivery through Mucous Membranes 2011 , 145-158		1
23	Pharmacy in Iceland. <i>Annals of Pharmacotherapy</i> , 1994 , 28, 112-5	2.9	1
22	Angiotensin converting enzyme inhibitors/cyclodextrin inclusion complexes: solution and solid-state characterizations and their thermal stability. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2022 , 102, 347	1.7	1
21	Stabilization and solubilization of difluprednate in aqueous cyclodextrin solution and its characterization for ophthalmic delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2022 , 69, 103105	4.5	1
20	Complexation Properties of β -Cyclodextrin Sulfobutylether Sodium Salt 1999 , 359-362		1
19	Self-assembled β -cyclodextrin as nanocarriers for enhanced ocular drug bioavailability.. <i>International Journal of Pharmaceutics</i> , 2022 , 121654	6.5	1
18	Preformulation studies of dovitinib free base: Solubility, Lipophilicity and Stability.. <i>International Journal of Pharmaceutics</i> , 2022 , 121721	6.5	1
17	Topical drug delivery to the retina: obstacles and routes to success. <i>Expert Opinion on Drug Delivery</i> , 2021 ,	8	1
16	Effect of salt formation on β -cyclodextrin solubilization of irbesartan and candesartan and the chemical stability of their ternary complexes. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 67, 102980	4.5	0
15	1,4-Benzodiazepines: Chemical stability and cyclodextrin solubilization. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 66, 102936	4.5	0
14	Solubility and stability of cediranib maleate. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 62, 102359	4.5	0
13	Physicochemical and Stability Evaluation of Topical Niosomal Encapsulating Fosinopril/ β -Cyclodextrin Complex for Ocular Delivery. <i>Pharmaceutics</i> , 2022 , 14, 1147	6.4	0
12	The Effect of Food and Excipients on Drug Pharmacokinetics 2015 , 131-136		
11	Preface: First European cyclodextrin conference. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2011 , 69, 295-295		

- 10 Drug-Cyclodextrin Complexation in the Presence of Water-Soluble Polymers: Enhanced Solubility and Percutaneous Transport. *ACS Symposium Series*, **1999**, 24-45 0.4
- 9 Aggregate Determination by Permeation Technique. *Methods in Molecular Biology*, **2021**, 2207, 35-43 1.4
- 8 2-Hydroxypropyl- β -Cyclodextrin in Eye Drops. Evaluation of Artificial Tear-Drops In Human Patients **1996**, 391-394
- 7 Solubilization of β -Cyclodextrin **1996**, 373-376
- 6 Complexation of Drug Compounds with Ionic and Non-Ionic Cyclodextrins. **1996**, 365-368
- 5 Evaluation of Degradation Studies Performed in Aqueous Cyclodextrin Solutions **1999**, 265-268
- 4 Synthesis of Cyclodextrin Glycerol Ethers and Investigation of their Binding Properties **1999**, 109-112
- 3 How Do Cyclodextrins Enhance Drug Permeability through Biological Membranes? **1999**, 363-366
- 2 A Tribute to Dr. Marcus E. Brewster: October 14, 1957-September 15, 2014. *Journal of Pharmaceutical Sciences*, **2016**, 105, 2466-2467 3.9
- 1 Effect of Soluplus[®] on β -Cyclodextrin Solubilization of Irbesartan and Candesartan and Their Nanoaggregates Formation.. *Pharmaceutical Development and Technology*, **2021**, 1-28 3.4