

Kim Lambertsen Larsen

List of Publications by Year in descending order

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63
papers

1,275
citations

331259

21
h-index

395343

33
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63
all docs

63
docs citations

63
times ranked

1624
citing authors

#	ARTICLE	IF	CITATIONS
1	Large Cyclodextrins. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2002, 43, 1-13.	1.6	121
2	Facile Synthesis of β -Cyclodextrin-Dextran Polymers by "Click" Chemistry. <i>Biomacromolecules</i> , 2010, 11, 1710-1715.	2.6	93
3	Structural basis for cyclodextrins' suppression of human growth hormone aggregation. <i>Protein Science</i> , 2009, 11, 1779-1787.	3.1	77
4	Hydroxypropyl-Substituted β -Cyclodextrins: Influence of Degree of Substitution on the Thermodynamics of Complexation with Tauroconjugated and Glycoconjugated Bile Salts. <i>Langmuir</i> , 2010, 26, 17949-17957.	1.6	63
5	Methylated β -Cyclodextrins: Influence of Degree and Pattern of Substitution on the Thermodynamics of Complexation with Tauro- and Glyco-Conjugated Bile Salts. <i>Langmuir</i> , 2011, 27, 5832-5841.	1.6	51
6	In vitro investigations of α -amylase mediated hydrolysis of cyclodextrins in the presence of ibuprofen, flurbiprofen, or benzo[a]pyrene. <i>Carbohydrate Research</i> , 2012, 362, 56-61.	1.1	44
7	Thermolysin catalyses the synthesis of cyclodextrin esters in DMSO. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 615-622.	1.8	43
8	Incorporation of exogenous long-chain alcohols into bacteriochlorophyll c homologs by <i>Chloroflexus aurantiacus</i> . <i>Archives of Microbiology</i> , 1995, 163, 119-123.	1.0	41
9	Cyclodextrin Controlled Release of Poorly Water-Soluble Drugs from Hydrogels. <i>Drug Delivery</i> , 2008, 15, 69-80.	2.5	38
10	Self-assembling microparticles with controllable disruption properties based on cyclodextrin interactions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 73, 267-275.	2.5	38
11	Study of the inclusion complexes formed between cetirizine and α , β , and γ -cyclodextrin and evaluation on their taste-masking properties. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 3177-3185.	1.6	32
12	Effects of illumination intensity on bacteriochlorophyllc homolog distribution in <i>Chloroflexus aurantiacus</i> grown under controlled conditions. <i>Photosynthesis Research</i> , 1994, 41, 151-156.	1.6	30
13	β -Cyclodextrin-dextran polymers for the solubilization of poorly soluble drugs. <i>International Journal of Pharmaceutics</i> , 2014, 468, 258-263.	2.6	30
14	Synthesis and characterization of poly(ethylene glycol) based β -cyclodextrin polymers. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009, 65, 341-348.	1.6	28
15	Separation and analysis of cyclodextrins by capillary zone electrophoresis. <i>Carbohydrate Research</i> , 1997, 298, 59-63.	1.1	27
16	Size-Controlled Nanoassemblies Based on Cyclodextrin-Modified Dextrans. <i>Macromolecular Bioscience</i> , 2011, 11, 1254-1263.	2.1	25
17	Dextran-based cyclodextrin polymers: Their solubilizing effect and self-association. <i>Carbohydrate Polymers</i> , 2013, 97, 635-642.	5.1	25
18	Anti-aggregatory effect of cyclodextrins in the refolding process of recombinant growth hormones from <i>Escherichia coli</i> inclusion bodies. <i>International Journal of Biological Macromolecules</i> , 2009, 44, 428-434.	3.6	24

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19	<p>Fabricating β -cyclodextrin based pH-responsive nanotheranostics as a programmable polymeric nanocapsule for simultaneous diagnosis and therapy</p>. International Journal of Nanomedicine, 2019, Volume 14, 7017-7038.	3.3	24
20	Interactions between anionic mixed micelles and β -cyclodextrin and their inclusion complexes: conductivity, NMR and fluorescence study. Colloid and Polymer Science, 2006, 284, 916-926.	1.0	23
21	Thermodynamics of complexation of tauro- and glyco-conjugated bile salts with two modified β -cyclodextrins. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2011, 69, 201-211.	1.6	23
22	The Effect of Cyclodextrins on Chemical and Physical Stability of Glucagon and Characterization of Glucagon/ β -CD Inclusion Complexes. Journal of Pharmaceutical Sciences, 2008, 97, 2720-2729.	1.6	21
23	Cyclodextrin modified hydrogels of PVP/PEG for sustained drug release. Drug Delivery, 2009, 16, 92-101.	2.5	21
24	Structural and spectroscopic features of lutein/butanoyl- β -cyclodextrin nanoassemblies. Journal of Pharmaceutical and Biomedical Analysis, 2012, 71, 214-218.	1.4	20
25	Cetirizine release from cyclodextrin formulated compressed chewing gum. Drug Development and Industrial Pharmacy, 2012, 38, 1061-1067.	0.9	19
26	Interactions and influence of β -cyclodextrin on the aggregation and interfacial properties of mixtures of nonionic and zwitterionic surfactants. Colloid and Polymer Science, 2009, 287, 1243-1252.	1.0	18
27	Drug loading in cyclodextrin polymers: dexamethasone model drug. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2011, 69, 377-382.	1.6	17
28	Investigation of the relationships between the alveograph parameters. Scientific Reports, 2021, 11, 5349.	1.6	16
29	Aqueous batch rebinding and selectivity studies on sucrose imprinted polymers. Biosensors and Bioelectronics, 2009, 25, 623-628.	5.3	15
30	Characterization of β -cyclodextrin modified SiO ₂ . Surface and Interface Analysis, 2011, 43, 884-892.	0.8	15
31	Cyclodextrins: Efficient biocompatible solubilizing excipients for bromhexine liquid and semi-solid drug delivery systems. International Journal of Pharmaceutics, 2012, 422, 349-355.	2.6	14
32	Interaction of Native Cyclodextrins and Their Hydroxypropylated Derivatives with Carbamazepine in Aqueous Solution. Evaluation of Inclusion Complexes and Aggregates Formation. ACS Omega, 2019, 4, 1460-1469.	1.6	14
33	Quantum dots- β -cyclodextrin-histidine labeled human adipose stem cells-laden chitosan hydrogel for bone tissue engineering. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 27, 102217.	1.7	14
34	Synthesis of β -Cyclodextrin Diazonium Salts and Electrochemical Immobilization onto Glassy Carbon and Gold Surfaces. Langmuir, 2012, 28, 16828-16833.	1.6	12
35	The stability and dissolution properties of solid glucagon/ β -cyclodextrin powder. European Journal of Pharmaceutical Sciences, 2009, 36, 412-420.	1.9	11
36	Quenching effects in the application of multi-channel fluorescence in activated sludge suspended solids. Water Research, 2008, 42, 2449-2456.	5.3	10

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37	Use of β -cyclodextrins to control the structure of water-soluble copolymers with hydrophobic parts. <i>Journal of Polymer Science Part A</i> , 2009, 47, 6619-6629.	2.5	10
38	Preparation and characterization of thermal-responsive non-woven poly (propylene) materials grafted with N-isopropylacrylamide/ β -cyclodextrin. <i>Journal of Industrial Textiles</i> , 2013, 43, 116-131.	1.1	10
39	Enhanced Cellular Uptake Of Phenamil Through Inclusion Complex With Histidine Functionalized β -Cyclodextrin As Penetrative Osteoinductive Agent. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 8221-8234.	3.3	10
40	Suitability and limitations of methods for characterisation of activity of malto-oligosaccharide-forming amylases. <i>Carbohydrate Research</i> , 2000, 329, 109-119.	1.1	9
41	Grafting cyclodextrins to calcium phosphate ceramics for biomedical applications. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012, 72, 173-181.	1.6	8
42	Molecular design of recombinant scFv antibodies for site-specific photocoupling to β -cyclodextrin in solution and onto solid support. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 2164-2173.	1.1	8
43	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.	0.9	8
44	Inclusion complexes of fusidic acid and three structurally related compounds with cyclodextrins. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007, 57, 185-190.	1.6	7
45	Site-specific photocoupling of pBpa mutated scFv antibodies for use in affinity proteomics. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017, 1865, 985-996.	1.1	7
46	Influence of β -Cyclodextrin on the Mixed Micellization Process of Sodium Dodecyl Sulfate and Sodium Lauroyl Sarcosine and Formation of Inclusion Complexes. <i>Journal of Dispersion Science and Technology</i> , 2008, 29, 128-133.	1.3	6
47	Syntheses and characterisation of novel cyclodextrin vinyl derivatives from cyclodextrin-nitrophenol-derivatives. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010, 67, 303-315.	1.6	6
48	Capillary electrophoretic separation of α -, β -, γ - and δ -cyclodextrins using a dual electrolyte system. <i>Journal of Chromatography A</i> , 1998, 811, 193-199.	1.8	5
49	Interactions of β -Cyclodextrin with the Mixed Micelles of Anionic Surfactants and Their Inclusion Complexes Formation. <i>Journal of Dispersion Science and Technology</i> , 2008, 29, 885-890.	1.3	5
50	Distribution of grafted β -cyclodextrin in porous particles for bone tissue engineering. <i>Microporous and Mesoporous Materials</i> , 2013, 168, 132-141.	2.2	5
51	Formation of nanoparticles by cooperative inclusion between (<i>S</i>)-camptothecin-modified dextrans and β -cyclodextrin polymers. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 147-154.	1.3	5
52	Regioselective alkanoylation of cyclodextrins. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007, 57, 333-338.	1.6	4
53	Tailorable Polymeric Assemblies Based on Host/Guest Interactions Between Modified Dextrans. <i>Macromolecular Symposia</i> , 2012, 317-318, 75-81.	0.4	4
54	Template-Assisted Preparation of Permeable Nanocapsules from Complementary Cyclodextrin and Adamantane-Appended Biocompatible Dextran Polymers. <i>Macromolecular Materials and Engineering</i> , 2015, 300, 878-884.	1.7	4

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55	Distribution and accessibility of cyclodextrins covalently bound onto silica gel. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010, 67, 399-405.	1.6	3
56	Silver nanoparticle colloids with β -cyclodextrin: enhanced stability and Gibbs-Marangoni flow. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	3
57	Comparison of the performance of masterbatch and liquid color concentrates for mass coloration of polypropylene. <i>Color Research and Application</i> , 2016, 41, 484-492.	0.8	3
58	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.	0.9	3
59	The Effect of α -, β - and γ -Cyclodextrin on Wheat Dough and Bread Properties. <i>Molecules</i> , 2021, 26, 2242.	1.7	3
60	Preparation and characterization of a temperature-sensitive nonwoven poly (propylene) with antibacterial properties. <i>Journal of the Textile Institute</i> , 2014, 105, 327-336.	1.0	2
61	Preface: First European cyclodextrin conference. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2011, 69, 295-295.	1.6	0
62	Preparation and characterization of a temperature-sensitive nonwoven poly(propylene) with increased affinity for guest molecules. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	0
63	Alveograph characterization of industrial samples of Danish pastry dough. <i>Cereal Chemistry</i> , 0, , .	1.1	0