

László Jicsinszky

List of Publications by Year in descending order

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76
papers

1,549
citations

257450

24
h-index

377865

34
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84
all docs

84
docs citations

84
times ranked

1774
citing authors

#	ARTICLE	IF	CITATIONS
1	A "green" strategy to construct non-covalent, stable and bioactive coatings on porous MOF nanoparticles. <i>Scientific Reports</i> , 2015, 5, 7925.	3.3	139
2	Catalytic transfer hydrogenation of sugar derivatives. <i>Carbohydrate Polymers</i> , 2001, 45, 139-145.	10.2	53
3	In Vitro Enhanced Skin Permeation and Retention of Imiquimod Loaded in β -Cyclodextrin Nanosponge Hydrogel. <i>Pharmaceutics</i> , 2019, 11, 138.	4.5	51
4	Influence of (hydroxy)alkylamino substituents on enantioseparation ability of single-isomer amino- β -cyclodextrin derivatives in chiral capillary electrophoresis. <i>Electrophoresis</i> , 2004, 25, 2675-2686.	2.4	45
5	Enantiomeric separation of antimalarial drugs by capillary electrophoresis using neutral and negatively charged cyclodextrins. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 54, 475-481.	2.8	41
6	Targeted Delivery Methods for Anticancer Drugs. <i>Cancers</i> , 2022, 14, 622.	3.7	41
7	Synthesis and Study of New β -Cyclodextrin "Dimers" Having a Metal Coordination Center and carboxamide or urea linkers. <i>Helvetica Chimica Acta</i> , 1998, 81, 632-645.	1.6	40
8	Uptake of a fluorescent methyl- β -cyclodextrin via clathrin-dependent endocytosis. <i>Chemistry and Physics of Lipids</i> , 2012, 165, 505-511.	3.2	40
9	Improving the Trapping of Superoxide Radical with a "Cyclodextrin" 5-(Diethoxyphosphoryl)-5-methyl-1-pyrroline-N-oxide (DEPMPO) Conjugate. <i>Chemistry - A European Journal</i> , 2009, 15, 11114-11118.	3.8	37
10	Thermal characterization of natural and modified cyclodextrins using TG-MS combined technique. <i>Journal of Thermal Analysis and Calorimetry</i> , 2005, 80, 419-424.	3.6	36
11	Modified Linear Dextrins ("Acyclodextrins") as New Chiral Selectors for the Gas-Chromatographic Separation of Enantiomers. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4092-4095.	13.8	35
12	Nitroxide Bound β -Cyclodextrin: Is There an Inclusion Complex?. <i>Journal of Organic Chemistry</i> , 2006, 71, 7657-7667.	3.2	34
13	Copper(II)-Complex Directed Regioselective Mono- <i>p</i> -Toluenesulfonylation of Cyclomaltoheptaose at a Primary Hydroxyl Group Position: An NMR and Molecular Dynamics-Aided Design. <i>Journal of Physical Chemistry B</i> , 2011, 115, 7524-7532.	2.6	34
14	β -Phenyl-N-tert-butyl nitron-Type Derivatives Bound to β -Cyclodextrins: Syntheses, Thermokinetics of Self-Inclusion and Application to Superoxide Spin-Trapping. <i>Chemistry - A European Journal</i> , 2007, 13, 9344-9354.	3.3	32
15	Phosphated cyclodextrins as new acidic chiral additives for capillary electrophoresis. <i>Journal of Separation Science</i> , 1997, 9, 581-589.	1.0	30
16	Cyclodextrin solubilization and complexation of antiretroviral drug lopinavir: In silico prediction; Effects of derivatization, molar ratio and preparation method. <i>Carbohydrate Polymers</i> , 2020, 227, 115287.	10.2	29
17	Recent Applications of Cyclodextrins as Food Additives and in Food Processing. <i>Current Nutrition and Food Science</i> , 2013, 9, 167-179.	0.6	29
18	Gas-chromatographic approach to probe the absence of molecular inclusion in enantioseparations by carbohydrates. Investigation of linear dextrins ("acyclodextrins") as novel chiral stationary phases. <i>Chirality</i> , 2007, 19, 391-400.	2.6	28

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19	Symmetry Requirements for Effective Blocking of Pore-Forming Toxins: Comparative Study with $\hat{1}\pm$, $\hat{1}^2$, and $\hat{1}^3$ -Cyclodextrin Derivatives. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 3594-3597.	3.2	28
20	Efficient regioselective functionalizations of cyclodextrins carried out under microwaves or power ultrasound. <i>Tetrahedron Letters</i> , 2007, 48, 9185-9189.	1.4	26
21	Chiral separation by a monofunctionalized cyclodextrin derivative: From selector to permethyl- $\hat{1}^2$ -cyclodextrin bonded stationary phase. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 51, 84-89.	2.8	26
22	Cyclodextrins in the antiviral therapy. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 64, 102589.	3.0	26
23	Capillary Electrophoresis, ROESY NMR and Molecular Modelling Study of the Inclusion Complex $\hat{1}^2$ -Cyclodextrin/Lipoic Acid. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 1191-1196.	2.4	25
24	Application of combined thermoanalytical techniques in the investigation of cyclodextrin inclusion complexes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2006, 84, 693-701.	3.6	24
25	Nucleophilic Substitutions of 6I-O-Monotosyl- $\hat{1}^2$ -cyclodextrin in a Planetary Ball Mill. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 919-929.	6.7	24
26	Solvent-dependent radiationless transitions in fluorenone: A probe for hydrogen bonding interactions in the cyclodextrin cavity. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1994, 18, 237-245.	1.6	23
27	One step synthesis of new urea-linked $\hat{1}^2$ -cyclodextrin dimers. <i>Tetrahedron Letters</i> , 1996, 37, 4011-4014.	1.4	23
28	Synthesis of symmetrically modified $\hat{1}\pm$ -cyclodextrins: an efficient and easy method. <i>Tetrahedron Letters</i> , 2003, 44, 5411-5413.	1.4	23
29	Separation of cis- $\hat{1}^2$ -lactam enantiomers by capillary electrophoresis using cyclodextrin derivatives. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 382-388.	2.8	23
30	Complexation of maltodextrin-based inulin and green tea polyphenols via different ultrasonic pretreatment. <i>Ultrasonics Sonochemistry</i> , 2021, 74, 105568.	8.2	23
31	Chiral separation of pyrethroic acids with single isomer permethyl monoamino $\hat{1}^2$ -cyclodextrin selector. <i>Electrophoresis</i> , 2001, 22, 3232-3236.	2.4	22
32	Synthetic strategies for the fluorescent labeling of epichlorohydrin-branched cyclodextrin polymers. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 3007-3018.	2.2	22
33	Enabling technologies and green processes in cyclodextrin chemistry. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 278-294.	2.2	22
34	Enantiomer separation of disopyramide with capillary electrophoresis using various cyclodextrins. <i>Electrophoresis</i> , 1997, 18, 1002-1006.	2.4	20
35	Semiempirical calculations on cyclodextrins. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1994, 18, 275-289.	1.6	19
36	A Host-Guest Supramolecular Complex with Photoregulated Delivery of Nitric Oxide and Fluorescence Imaging Capacity in Cancer Cells. <i>Chemistry - an Asian Journal</i> , 2012, 7, 2888-2894.	3.3	19

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37	Efficient mechanochemical synthesis of regioselective persubstituted cyclodextrins. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 2364-2371.	2.2	19
38	External vs. Internal Interactions in the Enantiodiscrimination of Fluorinated Î±-Amino Acid Derivatives by Heptakis[2,3-di-O-(acetyl-6-O-(tert-butyl-dimethylsilyl))-Î²-cyclodextrin, a Powerful Chiral Solvating Agent for NMR Spectroscopy. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 1855-1863.	2.4	18
39	A new class of cationic cyclodextrins: synthesis and chemico-physical properties. <i>New Journal of Chemistry</i> , 2010, 34, 2013.	2.8	18
40	Permethyl monoamino Î²-cyclodextrin a new chiral selective agent for capillary electrophoresis. <i>Chromatographia</i> , 2000, 53, 166-172.	1.3	17
41	Synthesis, characterization and chemisorption on gold of a Î²-cyclodextrin-lipoic acid conjugate. <i>Tetrahedron Letters</i> , 2001, 42, 5241-5244.	1.4	15
42	Femtosecond to Second Studies of a Water-Soluble Porphyrin Derivative in Chemical and Biological Nanocavities. <i>Langmuir</i> , 2012, 28, 4363-4372.	3.5	15
43	Synthesis of 6I-amino-6I-deoxy-2I-“VII,3I-“VII-tetradeca-O-methyl-cyclomaltoheptaose. <i>Carbohydrate Research</i> , 2004, 339, 1361-1366.	2.3	14
44	Structure and stability of warfarin-sodium inclusion complexes formed with permethylated monoamino-Î²-cyclodextrin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 72, 292-298.	2.8	13
45	Adsorptive Recovery of Iopamidol from Aqueous Solution and Parallel Reuse of Activated Carbon: Batch and Flow Study. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 7284-7295.	3.7	13
46	Chiral analysis of metoprolol and its by-products by capillary electrophoresis. <i>Journal of Separation Science</i> , 1999, 11, 716-722.	1.0	12
47	Synthesis of Randomly Substituted Anionic Cyclodextrins in Ball Milling. <i>Molecules</i> , 2017, 22, 485.	3.8	12
48	Electron Paramagnetic Resonance Spin Trapping of Glutathionyl Radicals by PBN in the Presence of Cyclodextrins and by PBN Attached to Î²-Cyclodextrin. <i>Journal of Physical Chemistry B</i> , 2008, 112, 13157-13162.	2.6	11
49	Complexes of peracetylated cyclodextrin in a non-aqueous aprotic medium: the role of residual water. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 17380-17390.	2.8	11
50	Influence of the milling parameters on the nucleophilic substitution reaction of activated Î²-cyclodextrins. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 1893-1899.	2.2	11
51	Generation of model reactions leading to limit cycle behavior. <i>Reaction Kinetics and Catalysis Letters</i> , 1982, 18, 65-71.	0.6	10
52	A Maltooctaose Derivative (Î±-Cyclodextrin) as a Chiral Stationary Phase for Enantioselective Gas Chromatography. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 4241-4244.	2.4	10
53	Structural Equilibrium in New Nitroxide-Capped Cyclodextrins: CW and Pulse EPR Study. <i>Journal of Physical Chemistry B</i> , 2013, 117, 8223-8231.	2.6	10
54	Cationic permethylated 6-monoamino-6-monodeoxy-Î²-cyclodextrin as chiral selector of dansylated amino acids in capillary electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 99, 16-21.	2.8	10

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55	Reaction of oxiranes with cyclodextrins under high-energy ball-milling conditions. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 1448-1459.	2.2	10
56	Catalytic transfer hydrogenation of cyclodextrin azides and benzylated glucose derivatives. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1994, 18, 247-254.	1.6	9
57	EPR, NMR, and Thermodynamic Evidences for Forced Nuclear Spin- ¹ Electron Spin Interactions in the Case of 1-Phenyl-2-Methylpropyl-1,1-Dimethyl-2-Nitroxide (TIPNO) Attached to Permethylyated β -Cyclodextrin. <i>Applied Magnetic Resonance</i> , 2009, 36, 181-194.	1.2	9
58	Synthesis and properties of a series of β -cyclodextrin/nitron spin traps for improved superoxide detection. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6358-6366.	2.8	8
59	Fluorescent cyclodextrin carriers for a water soluble Zn ^{II} pyrazinoporphyrazine octacation with photosensitizer potential. <i>RSC Advances</i> , 2014, 4, 26359-26367.	3.6	7
60	New type of bridged monoamino- β -Cyclodextrins. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1996, 25, 53-56.	1.6	6
61	Cyclodextrin-containing sensors to provide an early warning of contamination. <i>Land Contamination and Reclamation</i> , 2009, 17, 405-412.	0.4	6
62	Cyclodextrins in Skin Formulations and Transdermal Delivery. <i>Journal of Skin and Stem Cell</i> , 2020, 6, .	0.2	6
63	Chiral selective separation of tocinide by capillary electrophoresis using various cyclodextrin derivatives. <i>Journal of Separation Science</i> , 2001, 13, 62-68.	1.0	5
64	Synthesis and self-assembly behavior study of β -dicarboxylate-poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (glycol) Polymer Science Part A, 2007, 45, 5149-5155.	2.3	5
65	Comparative Studies of Mechanochemically Synthesized Insoluble Beta-Cyclodextrin Polymers. <i>Current Organic Chemistry</i> , 2021, 25, 1923-1936.	1.6	5
66	Toward a Greener World- ¹ Cyclodextrin Derivatization by Mechanochemistry. <i>Molecules</i> , 2021, 26, 5193.	3.8	5
67	Investigation of the Drug Carrier Properties of Insoluble Cyclodextrin Polymer Microspheres. <i>Biomolecules</i> , 2022, 12, 931.	4.0	5
68	Water soluble heptakis(6-deoxy-6-thio)cyclomaltoheptaose capped gold nanoparticles via metal vapour synthesis: NMR structural characterization and complexation properties. <i>Carbohydrate Research</i> , 2011, 346, 753-758.	2.3	4
69	Inhibition of <i>Clostridium perfringens</i> epsilon toxin by β -cyclodextrin derivatives. <i>International Journal of Pharmaceutics</i> , 2017, 531, 714-717.	5.2	4
70	Several Exact Results on Deterministic Exotic Kinetics. <i>Zeitschrift Fur Physikalische Chemie</i> , 1983, 264O, 449-463.	2.8	2
71	Synthesis of modified cyclic and acyclic dextrans and comparison of their complexation ability. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 2836-2843.	2.2	2
72	Hydrogen Bonding Interactions With Cyclodextrins: Utilization of Fluorenone as a New Probe. , 1996, , 255-258.		2

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73	Highly efficient Synthesis of per-substituted amino-cyclodextrins under Microwave Irradiation in a closed Cavity. Materials Research Society Symposia Proceedings, 2013, 1492, 177-182.	0.1	1
74	Microwave-Assisted, One-Pot Synthesis of Doxycycline under Heterogeneous Catalysis in Water. Antibiotics, 2021, 10, 1084.	3.7	1
75	Perspectives of Chiral Capillary Electrophoresis Using Phosphated Cyclodextrins as Additives. , 1996, , 649-652.		0
76	Chiral analysis of metoprolol and its byâ€¢products by capillary electrophoresis. Journal of Separation Science, 1999, 11, 716-722.	1.0	0