

Julianna Szemán

List of Publications by Year in descending order

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21
papers

801
citations

516710

16
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713466

21
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21
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docs citations

21
times ranked

1069
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclodextrins in Analytical Chemistry: Host-Guest Type Molecular Recognition. <i>Analytical Chemistry</i> , 2013, 85, 8024-8030.	6.5	229
2	“Back to the Future”: A New Look at Hydroxypropyl Beta-Cyclodextrins. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 2921-2931.	3.3	67
3	Effect of the degree of substitution of cyclodextrin derivatives on chiral separations by high-performance liquid chromatography and capillary electrophoresis. <i>Journal of Chromatography A</i> , 1996, 728, 423-431.	3.7	65
4	Analytical characterization of cyclodextrins: History, official methods and recommended new techniques. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 130, 347-365.	2.8	54
5	Aggregation of Cyclodextrins as an Important Factor to Determine Their Complexation Behavior. <i>Chemistry and Biodiversity</i> , 2006, 3, 1266-1278.	2.1	38
6	Methyl-Beta-Cyclodextrins: The Role of Number and Types of Substituents in Solubilizing Power. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 1443-1452.	3.3	38
7	Separation of terbutaline enantiomers in capillary electrophoresis with cyclodextrin-type chiral selectors and investigation of structure of selector-selectand complexes. <i>Journal of Chromatography A</i> , 2018, 1571, 231-239.	3.7	36
8	Single-isomer carboxymethyl- β -cyclodextrin as chiral resolving agent for capillary electrophoresis. <i>Journal of Chromatography A</i> , 2016, 1467, 445-453.	3.7	34
9	Systematic approach to cost- and time-effective method development with a starter kit for chiral separations by capillary electrophoresis. <i>Journal of Chromatography A</i> , 1997, 782, 257-269.	3.7	33
10	Separation of enilconazole enantiomers in capillary electrophoresis with cyclodextrin-type chiral selectors and investigation of structure of selector-selectand complexes by using nuclear magnetic resonance spectroscopy. <i>Electrophoresis</i> , 2017, 38, 1851-1859.	2.4	33
11	Chiral separation by a monofunctionalized cyclodextrin derivative: From selector to permethyl- β -cyclodextrin bonded stationary phase. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 51, 84-89.	2.8	26
12	Separation of cis- β -lactam enantiomers by capillary electrophoresis using cyclodextrin derivatives. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 382-388.	2.8	23
13	Molecular Modeling of Enantioseparation of Phenylazetidin Derivatives by Cyclodextrins. <i>Chromatographia</i> , 2010, 71, 21-28.	1.3	20
14	Characterization of a single-isomer carboxymethyl- β -cyclodextrin in chiral capillary electrophoresis. <i>Electrophoresis</i> , 2017, 38, 1869-1877.	2.4	19
15	Synthesis, analytical characterization and capillary electrophoretic use of the single-isomer heptakis-(6-O-sulfobutyl)- β -cyclodextrin. <i>Journal of Chromatography A</i> , 2017, 1514, 127-133.	3.7	18
16	Ruggedness of enantiomeric separation by capillary electrophoresis and high-performance liquid chromatography with methylated cyclodextrins as chiral selectors. <i>Journal of Chromatography A</i> , 1997, 763, 139-147.	3.7	17
17	Comparison of separation performances of novel β -cyclodextrin-based chiral stationary phases in high-performance liquid chromatographic enantioseparation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 70, 71-76.	2.8	15
18	Structure and stability of warfarin-sodium inclusion complexes formed with permethylated monoamino- β -cyclodextrin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 72, 292-298.	2.8	13

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19	Cationic permethylated 6-monoamino-6-monodeoxy- β -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
20	High-performance liquid chromatographic determination of 2-hydroxypropyl- β -cyclodextrin in different biological fluids based on cyclodextrin enhanced fluorescence. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002, 774, 157-164.	2.3	7
21	LC Enantioseparation of β -Lactam Stereoisomers through the Use of β -Cyclodextrin-Based Chiral Stationary Phases. <i>Chromatographia</i> , 2010, 71, 29-34.	1.3	6