

Antonio Salgado

List of Publications by Year in Descending Order

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

198
papers

9,001
citations

55
h-index

84
g-index

219
ext. papers

9,697
ext. citations

4.1
avg. IF

6.82
L-index

#	Paper	IF	Citations
198	Comparative enantioseparation of planar chiral ferrocenes on polysaccharide-based chiral stationary phases.. <i>Chirality</i> , 2022 ,	2.1	2
197	Exploring interaction modes between polysaccharide-based selectors and biologically active 4,4'-bipyridines by experimental and computational analysis. <i>Journal of Chromatography Open</i> , 2022 , 2, 100030		1
196	Enantioseparation of chiral (benzylsulfinyl)benzamide sulfoxides by capillary electrophoresis using cyclodextrins as chiral selectors.. <i>Journal of Chromatography A</i> , 2022 , 1672, 463027	4.5	0
195	Enantioseparation of selected chiral agrochemicals by using nano-liquid chromatography and capillary electrochromatography with amylose tris(3-chloro-5-methylphenylcarbamate) covalently immobilized onto silica.. <i>Journal of Chromatography A</i> , 2022 , 1673, 463128	4.5	0
194	Unravelling functions of halogen substituents in the enantioseparation of halogenated planar chiral ferrocenes on polysaccharide-based chiral stationary phases: experimental and electrostatic potential analyses.. <i>Journal of Chromatography A</i> , 2022 , 1673, 463097	4.5	0
193	Structural characterization of methyl- β -cyclodextrins by high-performance liquid chromatography and nuclear magnetic resonance spectroscopy and effect of their isomeric composition on the capillary electrophoresis enantioseparation of daclatasvir. <i>Journal of Chromatography A</i> , 2021 , 1661, 462675	4.5	0
192	Benchmarking source specific isotopic ratios of levoglucosan to better constrain the contribution of domestic heating to the air pollution. <i>Atmospheric Environment</i> , 2021 , 268, 118842	5.3	
191	Enantioseparations of polyhalogenated 4,4'-bipyridines on polysaccharide-based chiral stationary phases and molecular dynamics simulations of selector-selectand interactions. <i>Electrophoresis</i> , 2021 , 42, 1853-1863	3.6	3
190	Separation of tetrahydrozoline enantiomers in capillary electrophoresis with cyclodextrin-type chiral selectors and investigation of chiral recognition mechanisms. <i>Journal of Chromatography A</i> , 2021 , 1643, 462084	4.5	3
189	Native and substituted cyclodextrins as chiral selectors for capillary electrophoresis enantioseparations: Structures, features, application, and molecular modeling. <i>Electrophoresis</i> , 2021 , 42, 1676-1708	3.6	10
188	The molecular bases of chiral recognition in 2-(benzylsulfinyl)benzamide enantioseparation. <i>Analytica Chimica Acta</i> , 2021 , 1141, 194-205	6.6	15
187	History, advancement, bottlenecks, and future of chiral capillary electrochromatography. <i>Journal of Chromatography A</i> , 2021 , 1637, 461832	4.5	11
186	Enantioseparation of 5,5'-dibromo-2,2'-dichloro-3-selanyl-4,4'-bipyridines on Polysaccharide-Based Chiral Stationary Phases: Exploring Chalcogen Bonds in Liquid-Phase Chromatography. <i>Molecules</i> , 2021 , 26,	4.8	6
185	Optimization of Detection of Native Amino Acids with Evaporative Light Scattering Detector in Chiral Supercritical Fluid Chromatography. <i>Chromatographia</i> , 2021 , 84, 179-185	2.1	3
184	Application of enantioselective separation techniques to bioanalysis of chiral drugs and their metabolites. <i>TrAC - Trends in Analytical Chemistry</i> , 2021 , 143, 116332	14.6	12
183	Complexation of daclatasvir by single isomer methylated β -cyclodextrins studied by capillary electrophoresis, NMR spectroscopy and mass spectrometry. <i>Carbohydrate Polymers</i> , 2021 , 273, 118486	10.3	5
182	Potential and current limitations of superficially porous silica as a carrier for polysaccharide-based chiral selectors in separation of enantiomers in high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2020 , 1625, 461297	4.5	14

181	Comparative enantioseparation of chiral 4,4'-bipyridine derivatives on coated and immobilized amylose-based chiral stationary phases. <i>Journal of Chromatography A</i> , 2020 , 1625, 461303	4.5	11
180	Further study on enantiomer resolving ability of amylose tris(3-chloro-5-methylphenylcarbamate) covalently immobilized onto silica in nano-liquid chromatography and capillary electrochromatography. <i>Journal of Chromatography A</i> , 2020 , 1623, 461213	4.5	6
179	Separation of terbitaline enantiomers in capillary electrophoresis with neutral cyclodextrin-type chiral selectors and investigation of the structure of selector-selectand complexes using nuclear magnetic resonance spectroscopy. <i>Electrophoresis</i> , 2020 , 41, 1023-1030	3.6	6
178	Comparison of dimethylated and methylchlorinated amylose stationary phases, coated and covalently immobilized on silica, for the separation of some chiral compounds in supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2020 , 1621, 461053	4.5	8
177	Separation of enantiomers of chiral basic drugs with amylose- and cellulose-phenylcarbamate-based chiral columns in acetonitrile and aqueous-acetonitrile in high-performance liquid chromatography with a focus on substituent electron-donor and electron-acceptor effects. <i>Journal of Chromatography A</i> , 2020 , 1624, 461218	4.5	8
176	Recent trends in preparation, investigation and application of polysaccharide-based chiral stationary phases for separation of enantiomers in high-performance liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 122, 115709	14.6	106
175	Liquid chromatography separation of Δ^5 and Δ^6 linolenic acid positional isomers with a stationary phase based on covalently immobilized cellulose tris(3,5-dichlorophenylcarbamate). <i>Journal of Chromatography A</i> , 2020 , 1609, 460461	4.5	12
174	Laboratory-Scale Semipreparative Enantioresolution of Phenylethanolic-Azole Heme Oxygenase-1 Inhibitors. <i>Chromatographia</i> , 2020 , 83, 1509-1515	2.1	2
173	Unusual complexation behavior between daclatasvir and β -cyclodextrin. A multiplatform study. <i>Journal of Chromatography A</i> , 2020 , 1628, 461448	4.5	6
172	Shedding light on mechanisms leading to convex-upward van Deemter curves on a cellulose tris(4-chloro-3-methylphenylcarbamate)-based chiral stationary phase. <i>Journal of Chromatography A</i> , 2020 , 1630, 461532	4.5	8
171	The Effect of Enantiomer Elution Order on the Determination of Minor Enantiomeric Impurity in Ketoprofen and Enantiomeric Purity Evaluation of Commercially Available Dexketoprofen Formulations. <i>Molecules</i> , 2020 , 25,	4.8	5
170	Separation of enantiomers of chiral sulfoxides in high-performance liquid chromatography with cellulose-based chiral selectors using acetonitrile and acetonitrile-water mixtures as mobile phases. <i>Journal of Chromatography A</i> , 2020 , 1609, 460445	4.5	15
169	Comparative study on enantiomer resolving ability of amylose tris(3-chloro-5-methylphenylcarbamate) covalently immobilized onto silica in nano-liquid chromatography and capillary electrochromatography. <i>Journal of Chromatography A</i> , 2019 , 1606, 460425	4.5	14
168	Polysaccharide-Based Chiral Stationary Phases for Enantioseparations by High-Performance Liquid Chromatography: An Overview. <i>Methods in Molecular Biology</i> , 2019 , 1985, 93-126	1.4	8
167	Chromatographic and thermodynamic comparison of amylose tris(3-chloro-5-methylphenylcarbamate) coated or covalently immobilized on silica in high-performance liquid chromatographic separation of the enantiomers of select chiral weak acids. <i>Journal of Chromatography A</i> , 2019 , 1602, 228-236	4.5	32
166	Some thoughts about enantioseparations in capillary electrophoresis. <i>Electrophoresis</i> , 2019 , 40, 2420-2437	3.7	33
165	Separation of brombuterol enantiomers in capillary electrophoresis with cyclodextrin-type chiral selectors and investigation of structure of selector-selectand complexes using nuclear magnetic resonance spectroscopy. <i>Electrophoresis</i> , 2019 , 40, 1904-1912	3.6	9
164	The effect of temperature on the separation of enantiomers with coated and covalently immobilized polysaccharide-based chiral stationary phases. <i>Journal of Chromatography A</i> , 2019 , 1599, 172-179	4.5	29

163	Enantiomeric separation of ivabradine by cyclodextrin-electrokinetic chromatography. Effect of amino acid chiral ionic liquids. <i>Journal of Chromatography A</i> , 2019 , 1608, 460407	4.5	17
162	Polymerization of Bulky of Oxirane Monomers Leading to Polyethers Exhibiting Intramolecular Charge Transfer Interactions. <i>Macromolecular Chemistry and Physics</i> , 2019 , 220, 1900331	2.6	2
161	Separation of enantiomers of native amino acids with polysaccharide-based chiral columns in supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2019 , 1585, 207-212	4.5	37
160	Separation of enantiomers of selected chiral sulfoxides with cellulose tris(4-chloro-3-methylphenylcarbamate)-based chiral columns in high-performance liquid chromatography with very high separation factor. <i>Journal of Chromatography A</i> , 2018 , 1545, 59-66	4.5	26
159	Comparative Enantiomer-Resolving Ability of Coated and Covalently Immobilized Versions of Two Polysaccharide-Based Chiral Selectors in High-Performance Liquid Chromatography. <i>Chromatographia</i> , 2018 , 81, 611-621	2.1	21
158	Separation of enantiomers of chiral sulfoxides in high-performance liquid chromatography with cellulose-based chiral selectors using methanol and methanol-water mixtures as mobile phases. <i>Journal of Chromatography A</i> , 2018 , 1557, 62-74	4.5	25
157	Application of cellulose 3,5-dichlorophenylcarbamate covalently immobilized on superficially porous silica for the separation of enantiomers in high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2018 , 1571, 132-139	4.5	32
156	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	4.5	30
155	Contemporary theory of enantioseparations in capillary electrophoresis. <i>Journal of Chromatography A</i> , 2018 , 1567, 2-25	4.5	63
154	On our way to sub-second separations of enantiomers in high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2018 , 1572, 37-43	4.5	32
153	Investigation of the complexation between cyclodextrins and medetomidine enantiomers by capillary electrophoresis, NMR spectroscopy and molecular modeling. <i>Journal of Chromatography A</i> , 2018 , 1567, 198-210	4.5	28
152	Simultaneous determination of dextromepromazine and related substances 2-methoxyphenothiazine and levomepromazine sulfoxide in levomepromazine on a cellulose tris(4-methylbenzoate) chiral column. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 158, 294-299	3.5	12
151	Capillary electrophoresis-mass spectrometry of derivatized amino acids for targeted neurometabolomics - pH mediated reversal of diastereomer migration order. <i>Journal of Chromatography A</i> , 2018 , 1564, 199-206	4.5	9
150	Analytical and Preparative Scale Separation of Enantiomers of Chiral Drugs by Chromatography and Related Methods. <i>Current Medicinal Chemistry</i> , 2018 , 25, 4152-4188	4.3	52
149	Enantioseparations by Capillary Electromigration Techniques 2018 , 565-605		1
148	Effect of pore-size optimization on the performance of polysaccharide-based superficially porous chiral stationary phases for the separation of enantiomers in high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2017 , 1482, 32-38	4.5	42
147	An attempt for fast separation of enantiomers in nano-liquid chromatography and capillary electrochromatography. <i>Electrophoresis</i> , 2017 , 38, 1932-1938	3.6	20
146	Enantioseparation of novel chiral sulfoxides on chlorinated polysaccharide stationary phases in supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2017 , 1499, 174-182	4.5	35

145	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	3.6	29
144	Separation of enantiomers of chiral weak acids with polysaccharide-based chiral columns and aqueous-organic mobile phases in high-performance liquid chromatography: Typical reversed-phase behavior?. <i>Journal of Chromatography A</i> , 2017 , 1483, 86-92	4.5	45
143	Structural rationale for the chiral separation and migration order reversal of clenpenterol enantiomers in capillary electrophoresis using two different β -cyclodextrins. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 27935-27939	3.6	26
142	Liquid chromatographic separation of enantiomers 2017 , 69-86		2
141	Enantiomeric separation of some chiral analytes using amylose 3,5-dimethylphenylcarbamate covalently immobilized on silica by nano-liquid chromatography and capillary electrochromatography. <i>Journal of Chromatography A</i> , 2017 , 1520, 127-134	4.5	16
140	Applications of nuclear magnetic resonance spectroscopy for the understanding of enantiomer separation mechanisms in capillary electrophoresis. <i>Journal of Chromatography A</i> , 2016 , 1467, 95-144	4.5	38
139	Further proof to the utility of polysaccharide-based chiral selectors in combination with superficially porous silica particles as effective chiral stationary phases for separation of enantiomers in high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2016 , 1467, 163-168	4.5	48
138	Chiral separations of cathinone and amphetamine-derivatives: Comparative study between capillary electrochromatography, supercritical fluid chromatography and three liquid chromatographic modes. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 121, 232-243	3.5	53
137	HPLC Separation of Enantiomers of Some Flavanone Derivatives Using Polysaccharide-Based Chiral Selectors Covalently Immobilized on Silica. <i>Chromatographia</i> , 2016 , 79, 119-124	2.1	32
136	Separation and elution order of the enantiomers of some β -agonists using polysaccharide-based chiral columns and normal phase eluents by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2016 , 1467, 297-305	4.5	20
135	Ring-opening polymerization of a 2,3-disubstituted oxirane leading to a polyether having a carbonyl-aromatic π -stacked structure. <i>Polymer Chemistry</i> , 2015 , 6, 1932-1936	4.9	8
134	Chip-based high-performance liquid chromatography for high-speed enantioseparations. <i>Analytical Chemistry</i> , 2015 , 87, 5568-76	7.8	59
133	High-performance liquid chromatographic separations of stereoisomers of chiral basic agrochemicals with polysaccharide-based chiral columns and polar organic mobile phases. <i>Journal of Separation Science</i> , 2015 , 38, 4173-9	3.4	26
132	Stopped-Flow Enantioselective HPLC-CD Analysis and TD-DFT Stereochemical Characterization of Methyl Trans-3-(3,4-Dimethoxyphenyl)Glycidate. <i>Chirality</i> , 2015 , 27, 914-8	2.1	5
131	Effect of basic and acidic additives on the separation of some basic drug enantiomers on polysaccharide-based chiral columns with acetonitrile as mobile phase. <i>Chirality</i> , 2015 , 27, 228-34	2.1	26
130	Comparative enantiomer affinity pattern of β -blockers in aqueous and nonaqueous CE using single-component anionic cyclodextrins. <i>Electrophoresis</i> , 2015 , 36, 1358-64	3.6	16
129	HPLC Separation of Enantiomers of Some Chiral Carboxylic Acid Derivatives Using Polysaccharide-Based Chiral Columns and Polar Organic Mobile Phases. <i>Chromatographia</i> , 2015 , 78, 473-479	2.1	22
128	Investigation on the enantioseparation of duloxetine by capillary electrophoresis, NMR, and mass spectrometry. <i>Electrophoresis</i> , 2014 , 35, 2842-7	3.6	17

127	Dynamic computer simulation of electrophoretic enantiomer migration order and separation in presence of a neutral cyclodextrin. <i>Electrophoresis</i> , 2014 , 35, 2833-41	3.6	21
126	Enantiomeric separation of new cathinone derivatives designer drugs by capillary electrochromatography using a chiral stationary phase, based on amylose tris(5-chloro-2-methylphenylcarbamate). <i>Electrophoresis</i> , 2014 , 35, 3242-9	3.6	44
125	Enantioseparations. <i>Journal of Chromatography A</i> , 2014 , 1363, 1	4.5	1
124	Effect of content of chiral selector and pore size of core-shell type silica support on the performance of amylose tris(3,5-dimethylphenylcarbamate)-based chiral stationary phases in nano-liquid chromatography and capillary electrochromatography. <i>Journal of Chromatography A</i> , 2014 , 1313, 213-21	4.5	45
123	Enantioseparation of selected chiral sulfoxides in high-performance liquid chromatography with polysaccharide-based chiral selectors in polar organic mobile phases with emphasis on enantiomer elution order. <i>Journal of Separation Science</i> , 2014 , 37, 1083-8	3.4	33
122	A chiral separation strategy for acidic drugs in capillary electrochromatography using both chlorinated and nonchlorinated polysaccharide-based selectors. <i>Electrophoresis</i> , 2014 , 35, 2807-18	3.6	16
121	Enantioseparation of Chiral Antimycotic Drugs by HPLC with Polysaccharide-Based Chiral Columns and Polar Organic Mobile Phases with Emphasis on Enantiomer Elution Order. <i>Chromatographia</i> , 2013 , 76, 1449-1458	2.1	26
120	Chiral triazole fungicide difenoconazole: absolute stereochemistry, stereoselective bioactivity, aquatic toxicity, and environmental behavior in vegetables and soil. <i>Environmental Science & Technology</i> , 2013 , 47, 3386-94	10.3	170
119	Comparative enantioseparation of ketoprofen with trimethylated β and γ -cyclodextrins in capillary electrophoresis and study of related selector-selectand interactions using nuclear magnetic resonance spectroscopy. <i>Chirality</i> , 2013 , 25, 79-88	2.1	28
118	Green asymmetric synthesis: β -amino alcohol-catalyzed direct asymmetric aldol reactions in aqueous micelles. <i>Chirality</i> , 2013 , 25, 119-25	2.1	11
117	HPLC separation of enantiomers of chiral arylpropionic acid derivatives using polysaccharide-based chiral columns and normal-phase eluents with emphasis on elution order. <i>Journal of Separation Science</i> , 2013 , 36, 140-7	3.4	73
116	On the effect of basic and acidic additives on the separation of the enantiomers of some basic drugs with polysaccharide-based chiral selectors and polar organic mobile phases. <i>Journal of Chromatography A</i> , 2013 , 1317, 167-74	4.5	71
115	Enantioseparations by high-performance liquid chromatography using polysaccharide-based chiral stationary phases: an overview. <i>Methods in Molecular Biology</i> , 2013 , 970, 81-111	1.4	15
114	Catalytic Asymmetric Reduction of Prochiral Ketones with Chiral β -Amino Alcohol N-Boranes and the Corresponding Tris(oxazaborolidine)borazines. <i>Synlett</i> , 2013 , 24, 2401-2406	2.2	1
113	Use of novel phenyl-hexyl core-shell particles in nano-LC. <i>Electrophoresis</i> , 2013 , 34, 1737-42	3.6	16
112	Recent developments on polysaccharide-based chiral stationary phases for liquid-phase separation of enantiomers. <i>Journal of Chromatography A</i> , 2012 , 1269, 26-51	4.5	354
111	HPLC separation of dihydropyridine derivatives enantiomers with emphasis on elution order using polysaccharide-based chiral columns. <i>Journal of Separation Science</i> , 2012 , 35, 2529-37	3.4	50
110	Enantioseparation of Chiral Epoxides with Polysaccharide-Based Chiral Columns in HPLC. <i>Chromatographia</i> , 2012 , 75, 839-845	2.1	6

109	Comparative enantioseparation of talinolol in aqueous and non-aqueous capillary electrophoresis and study of related selector-selectand interactions by nuclear magnetic resonance spectroscopy. <i>Journal of Chromatography A</i> , 2012 , 1267, 206-16	4.5	40
108	Comparative performance of capillary columns made with totally porous and core-shell particles coated with a polysaccharide-based chiral selector in nano-liquid chromatography and capillary electrochromatography. <i>Journal of Chromatography A</i> , 2012 , 1269, 136-42	4.5	73
107	Evaluation of novel amylose and cellulose-based chiral stationary phases for the stereoisomer separation of flavanones by means of nano-liquid chromatography. <i>Analytica Chimica Acta</i> , 2012 , 738, 85-94	6.6	33
106	Separation of enantiomers of norephedrine by capillary electrophoresis using cyclodextrins as chiral selectors: comparative CE and NMR studies. <i>Electrophoresis</i> , 2012 , 33, 1637-47	3.6	39
105	Evaluation of new cellulose-based chiral stationary phases Sepapak-2 and Sepapak-4 for the enantiomeric separation of pesticides by nano liquid chromatography and capillary electrochromatography. <i>Journal of Chromatography A</i> , 2012 , 1234, 22-31	4.5	48
104	Comparative high-performance liquid chromatography enantioseparations on polysaccharide based chiral stationary phases prepared by coating totally porous and core-shell silica particles. <i>Journal of Chromatography A</i> , 2012 , 1234, 50-5	4.5	74
103	Determination of enantiomeric purity of S-amlodipine by chiral LC with emphasis on reversal of enantiomer elution order. <i>Journal of Separation Science</i> , 2011 , 34, 1772-80	3.4	41
102	Comparative NMR and MS studies on the mechanism of enantioseparation of propranolol with heptakis(2,3-diacetyl-6-sulfo)- β -cyclodextrin in capillary electrophoresis with aqueous and non-aqueous electrolytes. <i>Electrophoresis</i> , 2011 , 32, 1156-63	3.6	41
101	Enantiomeric separation of Fmoc-amino acids by nano-LC and CEC using a new chiral stationary phase, cellulose tris(3-chloro-4-methylphenylcarbamate). <i>Electrophoresis</i> , 2011 , 32, 2700-7	3.6	48
100	Separation of enantiomers of ephedrine by capillary electrophoresis using cyclodextrins as chiral selectors: comparative CE, NMR and high resolution MS studies. <i>Electrophoresis</i> , 2011 , 32, 2640-7	3.6	35
99	Updating a chiral separation strategy for non-acidic drugs with capillary electrochromatography applicable for both chlorinated and non-chlorinated polysaccharide selectors. <i>Electrophoresis</i> , 2011 , 32, 2718-26	3.6	15
98	Poly[3-(3,4-dihydroxyphenyl)glyceric Acid] from <i>Anchusa italica</i> Roots. <i>Natural Product Communications</i> , 2010 , 5, 1934578X1000500	0.9	1
97	Chiral Recognition and Enantioseparation Mechanisms in Capillary Electrokinetic Chromatography 2010 , 97-152		1
96	Separation of propranolol enantiomers by CE using sulfated beta-CD derivatives in aqueous and non-aqueous electrolytes: comparative CE and NMR study. <i>Electrophoresis</i> , 2010 , 31, 1467-74	3.6	24
95	Comparative enantioseparations of pharmaceuticals in capillary electrochromatography on polysaccharide-based chiral stationary phases containing selectors with or without chlorinated derivatives. <i>Electrophoresis</i> , 2010 , 31, 3207-16	3.6	25
94	Enantioselective synthesis and antioxidant activity of 3-(3,4-dihydroxyphenyl)-glyceric acid--basic monomeric moiety of a biologically active polyether from <i>Symphytum asperum</i> and <i>S. caucasicum</i> . <i>Chirality</i> , 2010 , 22, 717-25	2.1	12
93	Monolithic chiral stationary phases for liquid-phase enantioseparation techniques. <i>Journal of Separation Science</i> , 2010 , 33, 305-14	3.4	57
92	Capillary electrophoretic and nuclear magnetic resonance studies on the opposite affinity pattern of propranolol enantiomers towards various cyclodextrins. <i>Journal of Separation Science</i> , 2010 , 33, 1617-24	3.4	48

91	Optimization of the LC enantioseparation of chiral pharmaceuticals using cellulose tris(4-chloro-3-methylphenylcarbamate) as chiral selector and polar non-aqueous mobile phases. <i>Journal of Separation Science</i> , 2010 , 33, 1699-707	3.4	32
90	Enantioseparations on amylose tris(5-chloro-2-methylphenylcarbamate) in nano-liquid chromatography and capillary electrochromatography. <i>Journal of Chromatography A</i> , 2010 , 1217, 1166-745	4.5	44
89	Reversed-phase chiral HPLC and LC/MS analysis with tris(chloromethylphenylcarbamate) derivatives of cellulose and amylose as chiral stationary phases. <i>Journal of Chromatography A</i> , 2010 , 1217, 6942-55	4.5	105
88	About the role of enantioselective selector-selectand interactions and the mobilities of diastereomeric associates in enantiomer separations using CE. <i>Electrophoresis</i> , 2009 , 30, 2803-11	3.6	61
87	Separation of enantiomers with charged chiral selectors in CE. <i>Electrophoresis</i> , 2009 , 30 Suppl 1, S211-213	3.6	115
86	Enantioresolution of basic pharmaceuticals using cellulose tris(4-chloro-3-methylphenylcarbamate) as chiral stationary phase and polar organic mobile phases. <i>Journal of Chromatography A</i> , 2009 , 1216, 7450-5	4.5	62
85	Enantioseparations with cellulose tris(3-chloro-4-methylphenylcarbamate) in nano-liquid chromatography and capillary electrochromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008 , 875, 296-303	3.2	43
84	Separation of enantiomers of deprenyl with various CDs in CE and the effect of enantiomer migration order on enantiomeric impurity determination of selegiline in active ingredients and tablets. <i>Electrophoresis</i> , 2007 , 28, 388-94	3.6	24
83	Enantioseparations by using capillary electrophoretic techniques. The story of 20 and a few more years. <i>Journal of Chromatography A</i> , 2007 , 1168, 45-70; discussion 44	4.5	222
82	High-performance liquid chromatographic enantioseparations on capillary columns containing crosslinked polysaccharide phenylcarbamate derivatives attached to monolithic silica. <i>Journal of Separation Science</i> , 2006 , 29, 1988-95	3.4	66
81	The Application of Cyclodextrins for Enantioseparations 2006 , 119-146		9
80	High-performance liquid chromatographic enantioseparations on capillary columns containing monolithic silica modified with amylose tris(3,5-dimethylphenylcarbamate). <i>Journal of Chromatography A</i> , 2006 , 1110, 46-52	4.5	67
79	Separation of tocopherols by nano-liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004 , 35, 331-7	3.5	35
78	High-performance liquid chromatographic enantioseparations on capillary columns containing monolithic silica modified with cellulose tris(3,5-dimethylphenylcarbamate). <i>Journal of Separation Science</i> , 2004 , 27, 905-11	3.4	70
77	High-performance liquid chromatographic enantioseparations on monolithic silica columns containing a covalently attached 3,5-dimethylphenylcarbamate derivative of cellulose. <i>Journal of Chromatography A</i> , 2004 , 1042, 55-60	4.5	97
76	Combined approach using capillary electrophoresis and NMR spectroscopy for an understanding of enantioselective recognition mechanisms by cyclodextrins. <i>Chemical Society Reviews</i> , 2004 , 33, 337-47	58.5	148
75	Enantiomer separations in capillary electrophoresis in the case of equal binding constants of the enantiomers with a chiral selector: commentary on the feasibility of the concept. <i>Analytical Chemistry</i> , 2004 , 76, 4256-60	7.8	113
74	Recent Trends in Enantioseparation of Chiral Drugs. <i>Methods and Principles in Medicinal Chemistry</i> , 2003 , 179-210	0.4	

73	Very Fast Enantioseparation in High-performance Liquid Chromatography Using Cellulose Tris(3,5-dimethylphenylcarbamate) Coated on Monolithic Silica Support. <i>Chemistry Letters</i> , 2003 , 32, 850-851	1.7	58
72	Comparative enantioseparations with native beta-cyclodextrin, randomly acetylated beta-cyclodextrin and heptakis-(2,3-di-O-acetyl)-beta-cyclodextrin in capillary electrophoresis. <i>Electrophoresis</i> , 2003 , 24, 1083-91	3.6	44
71	Comparative study on the application of capillary liquid chromatography and capillary electrochromatography for investigation of enantiomeric purity of the contraceptive drug levonorgestrel. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003 , 30, 1897-906	3.5	48
70	Enantioseparation of erythro-mefloquine and its analogues in capillary electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003 , 32, 41-9	3.5	10
69	Enantioseparations in nonaqueous capillary liquid chromatography and capillary electrochromatography using cellulose tris(3,5-dimethylphenylcarbamate) as chiral stationary phase. <i>Electrophoresis</i> , 2002 , 23, 486-93	3.6	41
68	Enantioseparation of glutethimide and its 5-OH-metabolite in capillary electrophoresis and study of selector-selectand interactions using one-dimensional rotating frame nuclear Overhauser and exchange spectroscopy. <i>Electrophoresis</i> , 2002 , 23, 1906-11	3.6	3
67	Comparative enantioseparations with native beta-cyclodextrin and heptakis-(2-O-methyl-3,6-di-O-sulfo)-beta-cyclodextrin in capillary electrophoresis. <i>Electrophoresis</i> , 2002 , 23, 3027-34	3.6	60
66	Chromatographic enantioseparation on a wall-coated open tubular capillary column containing covalently bound cellulose (3,5-dichlorophenyl carbamate) as chiral selector. <i>Journal of Separation Science</i> , 2002 , 25, 167-169	3.4	26
65	Enantioseparations in capillary liquid chromatography and capillary electrochromatography using amylose tris(3,5-dimethylphenylcarbamate) in combination with aqueous organic mobile phase. <i>Journal of Separation Science</i> , 2002 , 25, 653-660	3.4	35
64	Enantioseparation of tetramisole by capillary electrophoresis and high performance liquid chromatography and application of these techniques to enantiomeric purity determination of a veterinary drug formulation of L-levamisole. <i>Journal of Separation Science</i> , 2002 , 25, 733-740	3.4	27
63	Mechanistic study on the opposite migration order of the enantiomers of ketamine with β and γ -cyclodextrin in capillary electrophoresis. <i>Journal of Separation Science</i> , 2002 , 25, 1155-1166	3.4	38
62	Enantiomer migration order in chiral capillary electrophoresis. <i>Electrophoresis</i> , 2002 , 23, 4022-35	3.6	125
61	Enantioseparation of chiral vasodilator drug isoxsuprine in high-performance liquid chromatography and capillary electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002 , 27, 153-9	3.5	25
60	Simultaneous enantioseparation of cis-diltiazem hydrochloride and its metabolite cis-desacetyldiltiazem using high-performance liquid chromatography and capillary electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002 , 27, 161-6	3.5	14
59	Comparative enantioseparation of selected chiral drugs on four different polysaccharide-type chiral stationary phases using polar organic mobile phases. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002 , 27, 467-78	3.5	102
58	Comparative HPLC enantioseparation of new chiral hydantoin derivatives on three different polysaccharide type chiral stationary phases. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002 , 27, 457-65	3.5	26
57	Enantioseparations using nonaqueous capillary electrochromatography on cellulose and amylose tris(3,5-dimethylphenylcarbamates) coated on silica gels of various pore and particle size. <i>Electrophoresis</i> , 2001 , 22, 1282-91	3.6	58
56	Enantioseparations by capillary electrochromatography. <i>Electrophoresis</i> , 2001 , 22, 3131-51	3.6	149

55	Mechanistic study on the opposite migration order of clenbuterol enantiomers in capillary electrophoresis with beta-cyclodextrin and single-isomer heptakis(2,3-diacetyl-6-sulfo)-beta-cyclodextrin. <i>Electrophoresis</i> , 2001 , 22, 3178-84	3.6	39
54	Enantioseparation of the anticoagulant drug phenprocoumon in capillary electrophoresis with UV and laser-induced fluorescence detection and application of the method to urine samples. <i>Electrophoresis</i> , 2001 , 22, 3281-5	3.6	17
53	Effect of organic solvent, electrolyte salt and a loading of cellulose tris (3,5-dichlorophenyl-carbamate) on silica gel on enantioseparation characteristics in capillary electrochromatography. <i>Electrophoresis</i> , 2001 , 22, 3327-34	3.6	57
52	Highly efficient enantioseparations in non-aqueous capillary electrochromatography using cellulose tris(3,5-dichlorophenylcarbamate) as chiral stationary phase. <i>Journal of Separation Science</i> , 2001 , 24, 27-34	3.4	58
51	Comparative capillary chromatographic and capillary electrochromatographic enantioseparations using cellulose tris(3,5-dichlorophenylcarbamate) as chiral stationary phase. <i>Journal of Separation Science</i> , 2001 , 24, 251-257	3.4	44
50	The effect of pore size of silica gel and concentration of buffer on capillary chromatographic and capillary electrochromatographic enantioseparations using cellulose tris(3,5-dichlorophenylcarbamate). <i>Journal of Separation Science</i> , 2001 , 24, 635-642	3.4	40
49	Enantioseparation of chiral drugs and current status of electromigration techniques in this field. <i>Journal of Separation Science</i> , 2001 , 24, 691-705	3.4	58
48	Enantioseparation of antiarrhythmic drugs propafenone and diprafenone, their metabolites and analogs by capillary electrophoresis. <i>Journal of Separation Science</i> , 2001 , 24, 795-801	3.4	11
47	Enantioseparation of selected chiral sulfoxides using polysaccharide-type chiral stationary phases and polar organic, polar aqueous-organic and normal-phase eluents. <i>Journal of Chromatography A</i> , 2001 , 922, 127-37	4.5	140
46	Enantioseparations in capillary electromigration techniques: recent developments and future trends. <i>Journal of Chromatography A</i> , 2001 , 906, 309-63	4.5	313
45	HPLC Enantioseparation with Cellulose Tris(3,5-dichlorophenylcarbamate) in Aqueous Methanol as a Mobile Phase. <i>Chemistry Letters</i> , 2000 , 29, 352-353	1.7	15
44	Extremely High Enantiomer Recognition in HPLC Separation of Racemic 2-(Benzylsulfinyl)benzamide Using Cellulose Tris(3,5-dichlorophenylcarbamate) as a Chiral Stationary Phase. <i>Chemistry Letters</i> , 2000 , 29, 1176-1177	1.7	44
43	Enantioseparations using capillary electromigration techniques in nonaqueous buffers. <i>Electrophoresis</i> , 2000 , 21, 4159-78	3.6	67
42	Enantioseparations in nonaqueous and aqueous capillary electrochromatography using helically chiral poly(diphenyl-2-pyridylmethylmethacrylate) as chiral stationary phase. <i>Journal of Separation Science</i> , 2000 , 12, 398-406		21
41	Enantiomer separation of drugs by capillary electromigration techniques. <i>Journal of Chromatography A</i> , 2000 , 875, 3-25	4.5	190
40	Mechanistic study of opposite migration order of dimethindene enantiomers in capillary electrophoresis in the presence of native beta-cyclodextrin and heptakis(2,3,6-tri-O-methyl)-beta-cyclodextrin. <i>Journal of Chromatography A</i> , 2000 , 875, 455-69	4.5	53
39	Separation of brompheniramine enantiomers by capillary electrophoresis and study of chiral recognition mechanisms of cyclodextrins using NMR-spectroscopy, UV spectrometry, electrospray ionization mass spectrometry and X-ray crystallography. <i>Journal of Chromatography A</i> , 2000 , 875, 471-84	4.5	62
38	Simultaneous separation and enantioseparation of thalidomide and its hydroxylated metabolites using high-performance liquid chromatography in common-size columns, capillary liquid chromatography and nonaqueous capillary electrochromatography. <i>Journal of Chromatography A</i> , 2000 , 876, 157-67	4.5	82

37	Enantioseparation of 3,4-dihydroxyphenylalanine and 2-hydrazino-2-methyl-3-(3,4-dihydroxyphenyl)propanoic acid by capillary electrophoresis using cyclodextrins. <i>Journal of Chromatography A</i> , 2000 , 875, 379-87	4.5	32
36	Enantioseparations in non-aqueous capillary electrochromatography using polysaccharide type chiral stationary phases. <i>Journal of Chromatography A</i> , 2000 , 887, 439-55	4.5	71
35	Separation and identification of etodolac and its urinary phase I metabolites using capillary electrochromatography and on-line capillary electrochromatography-electrospray ionisation mass spectrometry coupling. <i>Journal of Chromatography A</i> , 2000 , 887, 393-407	4.5	31
34	Enantioseparations using cellulose tris(3,5-dichlorophenylcarbamate) during high-performance liquid chromatography with analytical and capillary columns: potential for screening of chiral compounds. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2000 , 3, 497-508	1.3	42
33	Recent trends in enantioseparations using capillary electromigration techniques. <i>TrAC - Trends in Analytical Chemistry</i> , 1999 , 18, 485-498	14.6	60
32	Enantioseparations in normal- and reversed-phase nano-high-performance liquid chromatography and capillary electrochromatography using polyacrylamide and polysaccharide derivatives as chiral stationary phases. <i>Journal of Chromatography A</i> , 1999 , 837, 51-63	4.5	131
31	Enantioseparation of thalidomide and its hydroxylated metabolites using capillary electrophoresis with various cyclodextrins and their combinations as chiral buffer additives. <i>Electrophoresis</i> , 1999 , 20, 2425-31	3.6	40
30	Selector-selectand interactions in chiral capillary electrophoresis. <i>Electrophoresis</i> , 1999 , 20, 2592-604	3.6	40
29	Potential of flow-counterbalanced capillary electrophoresis for analytical and micropreparative separations. <i>Electrophoresis</i> , 1999 , 20, 2680-5	3.6	54
28	Designed combination of chiral selectors for adjustment of enantioseparation selectivity in capillary electrophoresis. <i>Electrophoresis</i> , 1999 , 20, 2691-7	3.6	84
27	Chiral separations in capillary high-performance liquid chromatography and nonaqueous capillary electrochromatography using helically chiral poly(diphenyl-2-pyridylmethyl methacrylate) as chiral stationary phase. <i>Electrophoresis</i> , 1999 , 20, 2772-8	3.6	60
26	Chiral recognition of verapamil by cyclodextrins studied with capillary electrophoresis, NMR spectroscopy, and electrospray ionization mass spectrometry. <i>Chirality</i> , 1999 , 11, 635-44	2.1	58
25	Chiral capillary electrophoresis-electrospray mass spectrometry coupling using vancomycin as chiral selector. <i>Journal of Chromatography A</i> , 1998 , 800, 69-76	4.5	121
24	Chiral capillary electrophoresis-electrospray mass spectrometry coupling with charged cyclodextrin derivatives as chiral selectors. <i>Journal of Chromatography A</i> , 1998 , 800, 77-82	4.5	67
23	Comparative capillary electrophoresis and NMR studies of enantioseparation of dimethindene with cyclodextrins. <i>Journal of Chromatography A</i> , 1998 , 798, 315-323	4.5	81
22	Capillary electrophoresis, nuclear magnetic resonance and mass spectrometry studies of opposite chiral recognition of chlorpheniramine enantiomers with various cyclodextrins. <i>Electrophoresis</i> , 1998 , 19, 2101-8	3.6	48
21	Enantioseparation of atropisomeric 1,1'-binaphthyl-2,2'-diyl hydrogen phosphate in capillary electrophoresis by using di- and oligosaccharides as chiral selectors: di- and oligosaccharide chiral selectors in capillary electrophoresis. <i>Chirality</i> , 1998 , 10, 134-139	2.1	21
20	Enantioseparation of atropisomeric 1,1'-binaphthyl-2,2'-diyl hydrogen phosphate in capillary electrophoresis by using di- and oligosaccharides as chiral selectors: di- and oligosaccharide chiral selectors in capillary electrophoresis 1998 , 10, 134		13

19	Selected applications of capillaries with dynamic or permanent anodal electroosmotic flow in chiral separations by capillary electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1997 , 15, 1577-84	3.5	35
18	Enantioseparation in capillary electrophoresis using 2-hydroxypropyltrimethylammonium salt of β -cyclodextrin as a chiral selector. <i>Journal of Chromatography A</i> , 1997 , 771, 259-266	4.5	62
17	Enantioseparation using selected polysaccharides as chiral buffer additives in capillary electrophoresis. <i>Journal of Chromatography A</i> , 1997 , 773, 331-8	4.5	41
16	Separation selectivity in chiral capillary electrophoresis with charged selectors. <i>Journal of Chromatography A</i> , 1997 , 792, 269-295	4.5	240
15	Dichloro-, dimethyl-, and chloromethylphenylcarbamate derivatives of cyclodextrins as chiral stationary phases for high-performance liquid chromatography. <i>Chirality</i> , 1996 , 8, 402-407	2.1	25
14	Analysis of charged cyclomalto-oligosaccharides (cyclodextrin) derivatives by ion-spray, matrix-assisted laser-desorption/ionization time-of-flight and fast-atom bombardment mass spectrometry, and by capillary electrophoresis. <i>Carbohydrate Research</i> , 1996 , 287, 139-55	2.9	40
13	Comparative capillary electrophoretic and nuclear magnetic resonance studies of the chiral recognition of racemic metomidate with cyclodextrin hosts. <i>Journal of Chromatography A</i> , 1996 , 732, 133-142	4.5	64
12	Reversal of enantiomer elution order in capillary electrophoresis using charged and neutral cyclodextrins. <i>Journal of Chromatography A</i> , 1996 , 732, 183-187	4.5	72
11	Capillary electrophoresis and ^1H NMR studies on chiral recognition of atropisomeric binaphthyl derivatives by cyclodextrin hosts. <i>Journal of Chromatography A</i> , 1996 , 732, 143-150	4.5	55
10	Dimethyl-, dichloro- and chloromethylphenylcarbamates of amylose as chiral stationary phases for high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1995 , 694, 101-109	4.5	148
9	Enantiomeric resolution of chiral imidazole derivatives using capillary electrophoresis with cyclodextrin-type buffer modifiers. <i>Journal of Chromatography A</i> , 1995 , 700, 43-49	4.5	79
8	Enantioseparation of mianserine analogues using capillary electrophoresis with neutral and charged cyclodextrin buffer modifiers ^{13}C NMR study of the chiral recognition mechanism. <i>Journal of Chromatography A</i> , 1995 , 717, 245-253	4.5	55
7	Enantiomeric resolution of anionic R/S-1,1'-binaphthyl-2,2'-diyl hydrogen phosphate by capillary electrophoresis using anionic cyclodextrin derivatives as chiral selectors. <i>Journal of Chromatography A</i> , 1995 , 704, 234-237	4.5	74
6	About some aspects of the use of charged cyclodextrins for capillary electrophoresis enantioseparation. <i>Electrophoresis</i> , 1994 , 15, 804-7	3.6	210
5	Chloromethylphenylcarbamate derivatives of cellulose as chiral stationary phases for high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1994 , 670, 39-49	4.5	169
4	Tris(chloro- and methyl-disubstituted phenylcarbamate)s of Cellulose as Chiral Stationary Phases for Chromatographic Enantioseparation. <i>Chemistry Letters</i> , 1993 , 22, 617-620	1.7	43
3	Principles of Enantiomer Separations in Electrokinetic Chromatography 179-206		1
2	Application of Enantioselective Electrokinetic Chromatography 459-474		

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