Antonio Salgado

List of Publications by Citations

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	Recent developments on polysaccharide-based chiral stationary phases for liquid-phase separation of enantiomers. *Journal of Chromatography A*, **2012**, 1269, 26-51	4.5	354
197	Enantioseparations in capillary electromigration techniques: recent developments and future trends. *Journal of Chromatography A*, **2001**, 906, 309-63	4.5	313
196	Separation selectivity in chiral capillary electrophoresis with charged selectors. *Journal of Chromatography A*, **1997**, 792, 269-295	4.5	240
195	Enantioseparations by using capillary electrophoretic techniques. The story of 20 and a few more years. *Journal of Chromatography A*, **2007**, 1168, 45-70; discussion 44	4.5	222
194	About some aspects of the use of charged cyclodextrins for capillary electrophoresis enantioseparation. *Electrophoresis*, **1994**, 15, 804-7	3.6	210
193	Enantiomer separation of drugs by capillary electromigration techniques. *Journal of Chromatography A*, **2000**, 875, 3-25	4.5	190
192	Chiral triazole fungicide difenoconazole: absolute stereochemistry, stereoselective bioactivity, aquatic toxicity, and environmental behavior in vegetables and soil. *Environmental Science & Technology*, **2013**, 47, 3386-94	10.3	170
191	Chloromethylphenylcarbamate derivatives of cellulose as chiral stationary phases for high-performance liquid chromatography. *Journal of Chromatography A*, **1994**, 670, 39-49	4.5	169
190	Enantioseparations by capillary electrochromatography. *Electrophoresis*, **2001**, 22, 3131-51	3.6	149
189	Combined approach using capillary electrophoresis and NMR spectroscopy for an understanding of enantioselective recognition mechanisms by cyclodextrins. *Chemical Society Reviews*, **2004**, 33, 337-47	58.5	148
188	Dimethyl-, dichloro- and chloromethylphenylcarbamates of amylose as chiral stationary phases for high-performance liquid chromatography. *Journal of Chromatography A*, **1995**, 694, 101-109	4.5	148
187	Enantioseparation of selected chiral sulfoxides using polysaccharide-type chiral stationary phases and polar organic, polar aqueous-organic and normal-phase eluents. *Journal of Chromatography A*, **2001**, 922, 127-37	4.5	140
186	Enantioseparations in normal- and reversed-phase nano-high-performance liquid chromatography and capillary electrochromatography using polyacrylamide and polysaccharide derivatives as chiral stationary phases. *Journal of Chromatography A*, **1999**, 837, 51-63	4.5	131
185	Enantiomer migration order in chiral capillary electrophoresis. *Electrophoresis*, **2002**, 23, 4022-35	3.6	125
184	Chiral capillary electrophoresis–electrospray mass spectrometry coupling using vancomycin as chiral selector. *Journal of Chromatography A*, **1998**, 800, 69-76	4.5	121
183	Separation of enantiomers with charged chiral selectors in CE. *Electrophoresis*, **2009**, 30 Suppl 1, S211-21	3.6	115
182	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. *Analytical Chemistry*, **2004**, 76, 4256-60	7.8	113

181	Recent trends in preparation, investigation and application of polysaccharide-based chiral stationary phases for separation of enantiomers in high-performance liquid chromatography. *TrAC - Trends in Analytical Chemistry*, **2020**, 122, 115709	14.6	106
180	Reversed-phase chiral HPLC and LC/MS analysis with tris(chloromethylphenylcarbamate) derivatives of cellulose and amylose as chiral stationary phases. *Journal of Chromatography A*, **2010**, 1217, 6942-55	4.5	105
179	Comparative enantioseparation of selected chiral drugs on four different polysaccharide-type chiral stationary phases using polar organic mobile phases. *Journal of Pharmaceutical and Biomedical Analysis*, **2002**, 27, 467-78	3.5	102
178	High-performance liquid chromatographic enantioseparations on monolithic silica columns containing a covalently attached 3,5-dimethylphenylcarbamate derivative of cellulose. *Journal of Chromatography A*, **2004**, 1042, 55-60	4.5	97
177	Designed combination of chiral selectors for adjustment of enantioseparation selectivity in capillary electrophoresis. *Electrophoresis*, **1999**, 20, 2691-7	3.6	84
176	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. *Journal of Chromatography A*, **2000**, 876, 157-67	4.5	82
175	Comparative capillary electrophoresis and NMR studies of enantioseparation of dimethindene with cyclodextrins. *Journal of Chromatography A*, **1998**, 798, 315-323	4.5	81
174	Enantiomeric resolution of chiral imidazole derivatives using capillary electrophoresis with cyclodextrin-type buffer modifiers. *Journal of Chromatography A*, **1995**, 700, 43-49	4.5	79
173	Comparative high-performance liquid chromatography enantioseparations on polysaccharide based chiral stationary phases prepared by coating totally porous and core-shell silica particles. *Journal of Chromatography A*, **2012**, 1234, 50-5	4.5	74
172	Enantiomeric resolution of anionic R/S-1,1?-binaphthyl-2,2?-diyl hydrogen phosphate by capillary electrophoresis using anionic cyclodextrin derivatives as chiral selectors. *Journal of Chromatography A*, **1995**, 704, 234-237	4.5	74
171	HPLC separation of enantiomers of chiral arylpropionic acid derivatives using polysaccharide-based chiral columns and normal-phase eluents with emphasis on elution order. *Journal of Separation Science*, **2013**, 36, 140-7	3.4	73
170	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. *Journal of Chromatography A*, **2012**, 1269, 136-42	4.5	73
169	Reversal of enantiomer elution order in capillary electrophoresis using charged and neutral cyclodextrins. *Journal of Chromatography A*, **1996**, 732, 183-187	4.5	72
168	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. *Journal of Chromatography A*, **2013**, 1317, 167-74	4.5	71
167	Enantioseparations in non-aqueous capillary electrochromatography using polysaccharide type chiral stationary phases. *Journal of Chromatography A*, **2000**, 887, 439-55	4.5	71
166	High-performance liquid chromatographic enantioseparations on capillary columns containing monolithic silica modified with cellulose tris(3,5-dimethylphenylcarbamate). *Journal of Separation Science*, **2004**, 27, 905-11	3.4	70
165	Chiral capillary electrophoresis–electrospray mass spectrometry coupling with charged cyclodextrin derivatives as chiral selectors. *Journal of Chromatography A*, **1998**, 800, 77-82	4.5	67
164	High-performance liquid chromatographic enantioseparations on capillary columns containing monolithic silica modified with amylose tris(3,5-dimethylphenylcarbamate). *Journal of Chromatography A*, **2006**, 1110, 46-52	4.5	67

163	Enantioseparations using capillary electromigration techniques in nonaqueous buffers. *Electrophoresis*, **2000**, 21, 4159-78	3.6	67
162	High-performance liquid chromatographic enantioseparations on capillary columns containing crosslinked polysaccharide phenylcarbamate derivatives attached to monolithic silica. *Journal of Separation Science*, **2006**, 29, 1988-95	3.4	66
161	Comparative capillary electrophoretic and nuclear magnetic resonance studies of the chiral recognition of racemic metomidate with cyclodextrin hosts. *Journal of Chromatography A*, **1996**, 732, 133-142	4.5	64
160	Contemporary theory of enantioseparations in capillary electrophoresis. *Journal of Chromatography A*, **2018**, 1567, 2-25	4.5	63
159	Enantioresolution of basic pharmaceuticals using cellulose tris(4-chloro-3-methylphenylcarbamate) as chiral stationary phase and polar organic mobile phases. *Journal of Chromatography A*, **2009**, 1216, 7450-5	4.5	62
158	Enantioseparation in capillary electrophoresis using 2-hydroxypropyltrimethylammonium salt of □-cyclodextrin as a chiral selector. *Journal of Chromatography A*, **1997**, 771, 259-266	4.5	62
157	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. *Journal of Chromatography A*, **2000**, 875, 471-84	4.5	62
156	About the role of enantioselective selector-selectand interactions and the mobilities of diastereomeric associates in enantiomer separations using CE. *Electrophoresis*, **2009**, 30, 2803-11	3.6	61
155	Comparative enantioseparations with native beta-cyclodextrin and heptakis-(2-O-methyl-3,6-di-O-sulfo)-beta-cyclodextrin in capillary electrophoresis. *Electrophoresis*, **2002**, 23, 3027-34	3.6	60
154	Recent trends in enantioseparations using capillary electromigration techniques. *TrAC - Trends in Analytical Chemistry*, **1999**, 18, 485-498	14.6	60
153	Chiral separations in capillary high-performance liquid chromatography and nonaqueous capillary electrochromatography using helically chiral poly(diphenyl-2-pyridylmethyl methacrylate) as chiral stationary phase. *Electrophoresis*, **1999**, 20, 2772-8	3.6	60
152	Chip-based high-performance liquid chromatography for high-speed enantioseparations. *Analytical Chemistry*, **2015**, 87, 5568-76	7.8	59
151	Very Fast Enantioseparation in High-performance Liquid Chromatography Using Cellulose Tris(3,5-dimethylphenylcarbamate) Coated on Monolithic Silica Support. *Chemistry Letters*, **2003**, 32, 850-851	1.7	58
150	Enantioseparations using nonaqueous capillary electrochromatography on cellulose and amylose tris(3,5-dimethylphenylcarbamates) coated on silica gels of various pore and particle size. *Electrophoresis*, **2001**, 22, 1282-91	3.6	58
149	Highly efficient enantioseparations in non-aqueous capillary electrochromatography using cellulose tris(3,5-dichlorophenylcarbamate) as chiral stationary phase. *Journal of Separation Science* , **2001**, 24, 27-34	3.4	58
148	Enantioseparation of chiral drugs and current status of electromigration techniques in this field. *Journal of Separation Science*, **2001**, 24, 691-705	3.4	58
147	Chiral recognition of verapamil by cyclodextrins studied with capillary electrophoresis, NMR spectroscopy, and electrospray ionization mass spectrometry. *Chirality*, **1999**, 11, 635-44	2.1	58
146	Monolithic chiral stationary phases for liquid-phase enantioseparation techniques. *Journal of Separation Science*, **2010**, 33, 305-14	3.4	57

145	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. *Electrophoresis*, **2001**, 22, 3327-34	3.6	57
144	Enantioseparation of mianserine analogues using capillary electrophoresis with neutral and charged cyclodextrin buffer modifiers 13C NMR study of the chiral recognition mechanism. *Journal of Chromatography A*, **1995**, 717, 245-253	4.5	55
143	Capillary electrophoresis and 1H NMR studies on chiral recognition of atropisomeric binaphthyl derivatives by cyclodextrin hosts. *Journal of Chromatography A*, **1996**, 732, 143-150	4.5	55
142	Potential of flow-counterbalanced capillary electrophoresis for analytical and micropreparative separations. *Electrophoresis*, **1999**, 20, 2680-5	3.6	54
141	Chiral separations of cathinone and amphetamine-derivatives: Comparative study between capillary electrochromatography, supercritical fluid chromatography and three liquid chromatographic modes. *Journal of Pharmaceutical and Biomedical Analysis*, **2016**, 121, 232-243	3.5	53
140	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. *Journal of Chromatography A*, **2000**, 875, 455-69	4.5	53
139	Analytical and Preparative Scale Separation of Enantiomers of Chiral Drugs by Chromatography and Related Methods. *Current Medicinal Chemistry*, **2018**, 25, 4152-4188	4.3	52
138	HPLC separation of dihydropyridine derivatives enantiomers with emphasis on elution order using polysaccharide-based chiral columns. *Journal of Separation Science*, **2012**, 35, 2529-37	3.4	50
137	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. *Journal of Chromatography A*, **2016**, 1467, 163-168	4.5	48
136	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. *Journal of Chromatography A*, **2012**, 1234, 22-31	4.5	48
135	Enantiomeric separation of FMOC-amino acids by nano-LC and CEC using a new chiral stationary phase, cellulose tris(3-chloro-4-methylphenylcarbamate). *Electrophoresis*, **2011**, 32, 2700-7	3.6	48
134	Capillary electrophoretic and nuclear magnetic resonance studies on the opposite affinity pattern of propranolol enantiomers towards various cyclodextrins. *Journal of Separation Science*, **2010**, 33, 1617-24	3.4	48
133	Capillary electrophoresis, nuclear magnetic resonance and mass spectrometry studies of opposite chiral recognition of chlorpheniramine enantiomers with various cyclodextrins. *Electrophoresis*, **1998**, 19, 2101-8	3.6	48
132	Comparative study on the application of capillary liquid chromatography and capillary electrochromatography for investigation of enantiomeric purity of the contraceptive drug levonorgestrel. *Journal of Pharmaceutical and Biomedical Analysis*, **2003**, 30, 1897-906	3.5	48
131	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?. *Journal of Chromatography A*, **2017**, 1483, 86-92	4.5	45
130	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. *Journal of Chromatography A*,	4.5	45
129	Enantiomeric separation of new cathinone derivatives designer drugs by capillary electrochromatography using a chiral stationary phase, based on amylose tris(5-chloro-2-methylphenylcarbamate). *Electrophoresis*, **2014**, 35, 3242-9	3.6	44
128	Enantioseparations on amylose tris(5-chloro-2-methylphenylcarbamate) in nano-liquid chromatography and capillary electrochromatography. *Journal of Chromatography A*, **2010**, 1217, 1166-74	4.5	44

127	Comparative enantioseparations with native beta-cyclodextrin, randomly acetylated beta-cyclodextrin and heptakis-(2,3-di-O-acetyl)-beta-cyclodextrin in capillary electrophoresis. *Electrophoresis*, **2003**, 24, 1083-91	3.6	44
126	Comparative capillary chromatographic and capillary electrochromatographic enantioseparations using cellulose tris(3,5-dichlorophenylcarbamate) as chiral stationary phase. *Journal of Separation Science*, **2001**, 24, 251-257	3.4	44
125	Extremely High Enantiomer Recognition in HPLC Separation of Racemic 2-(Benzylsulfinyl)benzamide Using Cellulose Tris(3,5-dichlorophenylcarbamate) as a Chiral Stationary Phase. *Chemistry Letters*, **2000**, 29, 1176-1177	1.7	44
124	Enantioseparations with cellulose tris(3-chloro-4-methylphenylcarbamate) in nano-liquid chromatography and capillary electrochromatography. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2008**, 875, 296-303	3.2	43
123	Tris(chloro- and methyl-disubstituted phenylcarbamate)s of Cellulose as Chiral Stationary Phases for Chromatographic Enantioseparation. *Chemistry Letters*, **1993**, 22, 617-620	1.7	43
122	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. *Journal of Chromatography A*, **2017**, 1482, 32-38	4.5	42
121	Enantioseparations using cellulose tris(3,5-dichlorophenylcarbamate) during high-performance liquid chromatography with analytical and capillary columns: potential for screening of chiral compounds. *Combinatorial Chemistry and High Throughput Screening*, **2000**, 3, 497-508	1.3	42
120	Determination of enantiomeric purity of S-amlodipine by chiral LC with emphasis on reversal of enantiomer elution order. *Journal of Separation Science*, **2011**, 34, 1772-80	3.4	41
119	Comparative NMR and MS studies on the mechanism of enantioseparation of propranolol with heptakis(2,3-diacetyl-6-sulfo)-Ecyclodextrin in capillary electrophoresis with aqueous and non-aqueous electrolytes. *Electrophoresis*, **2011**, 32, 1156-63	3.6	41
118	Enantioseparation using selected polysaccharides as chiral buffer additives in capillary electrophoresis. *Journal of Chromatography A*, **1997**, 773, 331-8	4.5	41
117	Enantioseparations in nonaqueous capillary liquid chromatography and capillary electrochromatography using cellulose tris(3,5-dimethylphenylcarbamate) as chiral stationary phase. *Electrophoresis*, **2002**, 23, 486-93	3.6	41
116	Comparative enantioseparation of talinolol in aqueous and non-aqueous capillary electrophoresis and study of related selector-selectand interactions by nuclear magnetic resonance spectroscopy. *Journal of Chromatography A*, **2012**, 1267, 206-16	4.5	40
115	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). *Journal of Separation Science*, **2001**, 24, 635-642	3.4	40
114	Enantioseparation of thalidomide and its hydroxylated metabolites using capillary electrophoresis with various cyclodextrins and their combinations as chiral buffer additives. *Electrophoresis*, **1999**, 20, 2425-31	3.6	40
113	Selector-selectand interactions in chiral capillary electrophoresis. *Electrophoresis*, **1999**, 20, 2592-604	3.6	40
112	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. *Carbohydrate Research*, **1996**, 287, 139-55	2.9	40
111	Separation of enantiomers of norephedrine by capillary electrophoresis using cyclodextrins as chiral selectors: comparative CE and NMR studies. *Electrophoresis*, **2012**, 33, 1637-47	3.6	39
110	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. *Electrophoresis*, **2001**, 22, 3178-84	3.6	39

109	Applications of nuclear magnetic resonance spectroscopy for the understanding of enantiomer separation mechanisms in capillary electrophoresis. *Journal of Chromatography A*, **2016**, 1467, 95-144	4.5	38
108	Mechanistic study on the opposite migration order of the enantiomers of ketamine with □and □cyclodextrin in capillary electrophoresis. *Journal of Separation Science*, **2002**, 25, 1155-1166	3.4	38
107	Separation of enantiomers of native amino acids with polysaccharide-based chiral columns in supercritical fluid chromatography. *Journal of Chromatography A*, **2019**, 1585, 207-212	4.5	37
106	Enantioseparation of novel chiral sulfoxides on chlorinated polysaccharide stationary phases in supercritical fluid chromatography. *Journal of Chromatography A*, **2017**, 1499, 174-182	4.5	35
105	Separation of enantiomers of ephedrine by capillary electrophoresis using cyclodextrins as chiral selectors: comparative CE, NMR and high resolution MS studies. *Electrophoresis*, **2011**, 32, 2640-7	3.6	35
104	Selected applications of capillaries with dynamic or permanent anodal electroosmotic flow in chiral separations by capillary electrophoresis. *Journal of Pharmaceutical and Biomedical Analysis*, **1997**, 15, 1577-84	3.5	35
103	Separation of tocopherols by nano-liquid chromatography. *Journal of Pharmaceutical and Biomedical Analysis*, **2004**, 35, 331-7	3.5	35
102	Enantioseparations in capillary liquid chromatography and capillary electrochromatography using amylose tris(3,5-dimethylphenylcarbamate) in combination with aqueous organic mobile phase. *Journal of Separation Science*, **2002**, 25, 653-660	3.4	35
101	Some thoughts about enantioseparations in capillary electrophoresis. *Electrophoresis*, **2019**, 40, 2420-2437	3.6	33
100	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. *Journal of Separation Science*, **2014**, 37, 1083-8	3.4	33
99	Evaluation of novel amylose and cellulose-based chiral stationary phases for the stereoisomer separation of flavanones by means of nano-liquid chromatography. *Analytica Chimica Acta*, **2012**, 738, 85-94	6.6	33
98	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. *Journal of Chromatography A*, **2019**, 1602, 228-236	4.5	32
97	HPLC Separation of Enantiomers of Some Flavanone Derivatives Using Polysaccharide-Based Chiral Selectors Covalently Immobilized on Silica. *Chromatographia*, **2016**, 79, 119-124	2.1	32
96	Application of cellulose 3,5-dichlorophenylcarbamate covalently immobilized on superficially porous silica for the separation of enantiomers in high-performance liquid chromatography. *Journal of Chromatography A*, **2018**, 1571, 132-139	4.5	32
95	On our way to sub-second separations of enantiomers in high-performance liquid chromatography. *Journal of Chromatography A*, **2018**, 1572, 37-43	4.5	32
94	Optimization of the LC enantioseparation of chiral pharmaceuticals using cellulose tris(4-chloro-3-methylphenylcarbamate) as chiral selector and polar non-aqueous mobile phases. *Journal of Separation Science*, **2010**, 33, 1699-707	3.4	32
93	Enantioseparation of 3,4-dihydroxyphenylalanine and 2-hydrazino-2-methyl-3-(3,4-dihydroxyphenyl)propanoic acid by capillary electrophoresis using cyclodextrins. *Journal of Chromatography A*, **2000**, 875, 379-87	4.5	32
92	Separation and identification of etodolac and its urinary phase I metabolites using capillary electrochromatography and on-line capillary electrochromatography-electrospray ionisation mass spectrometry coupling. *Journal of Chromatography A*, **2000**, 887, 393-407	4.5	31

91	Separation of terbutaline enantiomers in capillary electrophoresis with cyclodextrin-type chiral selectors and investigation of structure of selector-selectand complexes. *Journal of Chromatography A*, **2018**, 1571, 231-239	4.5	30
90	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. *Electrophoresis*, **2017**, 38, 1851-1859	3.6	29
89	The effect of temperature on the separation of enantiomers with coated and covalently immobilized polysaccharide-based chiral stationary phases. *Journal of Chromatography A*, **2019**, 1599, 172-179	4.5	29
88	Investigation of the complexation between cyclodextrins and medetomidine enantiomers by capillary electrophoresis, NMR spectroscopy and molecular modeling. *Journal of Chromatography A*, **2018**, 1567, 198-210	4.5	28
87	Comparative enantioseparation of ketoprofen with trimethylated □ and □cyclodextrins in capillary electrophoresis and study of related selector-selectand interactions using nuclear magnetic resonance spectroscopy. *Chirality*, **2013**, 25, 79-88	2.1	28
86	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. *Journal of Separation Science*, **2002**, 25, 733-740	3.4	27
85	Structural rationale for the chiral separation and migration order reversal of clenpenterol enantiomers in capillary electrophoresis using two different □cyclodextrins. *Physical Chemistry Chemical Physics*, **2017**, 19, 27935-27939	3.6	26
84	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. *Journal of Chromatography A*, **2018**, 1545, 59-66	4.5	26
83	Enantioseparation of Chiral Antimycotic Drugs by HPLC with Polysaccharide-Based Chiral Columns and Polar Organic Mobile Phases with Emphasis on Enantiomer Elution Order. *Chromatographia*, **2013**, 76, 1449-1458	2.1	26
82	High-performance liquid chromatographic separations of stereoisomers of chiral basic agrochemicals with polysaccharide-based chiral columns and polar organic mobile phases. *Journal of Separation Science*, **2015**, 38, 4173-9	3.4	26
81	Effect of basic and acidic additives on the separation of some basic drug enantiomers on polysaccharide-based chiral columns with acetonitrile as mobile phase. *Chirality*, **2015**, 27, 228-34	2.1	26
80	Chromatographic enantioseparation on a wall-coated open tubular capillary column containing covalently bound cellulose (3,5-dichlorophenyl carbamate) as chiral selector. *Journal of Separation Science*, **2002**, 25, 167-169	3.4	26
79	Comparative HPLC enantioseparation of new chiral hydantoin derivatives on three different polysaccharide type chiral stationary phases. *Journal of Pharmaceutical and Biomedical Analysis*, **2002**, 27, 457-65	3.5	26
78	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. *Journal of Chromatography A*, **2018**, 1557, 62-74	4.5	25
77	Comparative enantioseparations of pharmaceuticals in capillary electrochromatography on polysaccharide-based chiral stationary phases containing selectors with or without chlorinated derivatives. *Electrophoresis*, **2010**, 31, 3207-16	3.6	25
76	Enantioseparation of chiral vasodilator drug isoxsuprine in high-performance liquid chromatography and capillary electrophoresis. *Journal of Pharmaceutical and Biomedical Analysis*, **2002**, 27, 153-9	3.5	25
75	Dichloro-, dimethyl-, and chloromethylphenylcarbamate derivatives of cyclodextrins as chiral stationary phases for high-performance liquid chromatography. *Chirality*, **1996**, 8, 402-407	2.1	25
74	Separation of propranolol enantiomers by CE using sulfated beta-CD derivatives in aqueous and non-aqueous electrolytes: comparative CE and NMR study. *Electrophoresis*, **2010**, 31, 1467-74	3.6	24

73	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. *Electrophoresis*, **2007**, 28, 388-94	3.6	24
72	HPLC Separation of Enantiomers of Some Chiral Carboxylic Acid Derivatives Using Polysaccharide-Based Chiral Columns and Polar Organic Mobile Phases. *Chromatographia*, **2015**, 78, 473-479	2.1	22
71	Comparative Enantiomer-Resolving Ability of Coated and Covalently Immobilized Versions of Two Polysaccharide-Based Chiral Selectors in High-Performance Liquid Chromatography. *Chromatographia*, **2018**, 81, 611-621	2.1	21
70	Dynamic computer simulation of electrophoretic enantiomer migration order and separation in presence of a neutral cyclodextrin. *Electrophoresis*, **2014**, 35, 2833-41	3.6	21
69	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. *Chirality*, **1998**, 10, 134-139	2.1	21
68	Enantioseparations in nonaqueous and aqueous capillary electrochromatography using helically chiral poly(diphenyl-2-pyridylmethylmethacrylate) as chiral stationary phase. *Journal of Separation Science*, **2000**, 12, 398-406		21
67	An attempt for fast separation of enantiomers in nano-liquid chromatography and capillary electrochromatography. *Electrophoresis*, **2017**, 38, 1932-1938	3.6	20
66	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. *Journal of Chromatography A*, **2016**, 1467, 297-305	4.5	20
65	Enantiomeric separation of ivabradine by cyclodextrin-electrokinetic chromatography. Effect of amino acid chiral ionic liquids. *Journal of Chromatography A*, **2019**, 1608, 460407	4.5	17
64	Investigation on the enantioseparation of duloxetine by capillary electrophoresis, NMR, and mass spectrometry. *Electrophoresis*, **2014**, 35, 2842-7	3.6	17
63	Enantioseparation of the anticoagulant drug phenprocoumon in capillary electrophoresis with UV and laser-induced fluorescence detection and application of the method to urine samples. *Electrophoresis*, **2001**, 22, 3281-5	3.6	17
62	Enantiomeric separation of some chiral analytes using amylose 3,5-dimethylphenylcarbamate covalently immobilized on silica by nano-liquid chromatography and capillary electrochromatography. *Journal of Chromatography A*, **2017**, 1520, 127-134	4.5	16
61	Comparative enantiomer affinity pattern of β-blockers in aqueous and nonaqueous CE using single-component anionic cyclodextrins. *Electrophoresis*, **2015**, 36, 1358-64	3.6	16
60	A chiral separation strategy for acidic drugs in capillary electrochromatography using both chlorinated and nonchlorinated polysaccharide-based selectors. *Electrophoresis*, **2014**, 35, 2807-18	3.6	16
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1 Monolithic Chiral Stationary Phases for Liquid-Phase Enantioseparation Techniques231-248