Antonio Salgado

List of Publications by Year
in descending order

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211 papers	10,424 citations	22099 59 h-index	45213 90 g-index
219 all docs	219 docs citations	219 times ranked	3127 citing authors

#	Article	IF	Citations
1	Recent developments on polysaccharide-based chiral stationary phases for liquid-phase separation of enantiomers. Journal of Chromatography A, 2012, 1269, 26-51.	1.8	403
2	Enantioseparations in capillary electromigration techniques: recent developments and future trends. Journal of Chromatography A, 2001, 906, 309-363.	1.8	331
3	Separation selectivity in chiral capillary electrophoresis with charged selectors. Journal of Chromatography A, 1997, 792, 269-295.	1.8	251
4	About some aspects of the use of charged cyclodextrins for capillary electrophoresis enantioseparation. Electrophoresis, 1994, 15, 804-807.	1.3	236
5	Enantioseparations by using capillary electrophoretic techniques. Journal of Chromatography A, 2007, 1168, 45-70.	1.8	234
6	Chiral Triazole Fungicide Difenoconazole: Absolute Stereochemistry, Stereoselective Bioactivity, Aquatic Toxicity, and Environmental Behavior in Vegetables and Soil. Environmental Science & Technology, 2013, 47, 3386-3394.	4.6	218
7	Enantiomer separation of drugs by capillary electromigration techniques. Journal of Chromatography A, 2000, 875, 3-25.	1.8	196
8	Chloromethylphenylcarbamate derivatives of cellulose as chiral stationary phases for high-performance liquid chromatography. Journal of Chromatography A, 1994, 670, 39-49.	1.8	190
9	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.	5.8	180
10	Dimethyl-, dichloro- and chloromethylphenylcarbamates of amylose as chiral stationary phases for high-performance liquid chromatography. Journal of Chromatography A, 1995, 694, 101-109.	1.8	168
11	Combined approach using capillary electrophoresis and NMR spectroscopy for an understanding of enantioselective recognition mechanisms by cyclodextrins. Chemical Society Reviews, 2004, 33, 337.	18.7	166
12	Enantioseparation of selected chiral sulfoxides using polysaccharide-type chiral stationary phases and polar organic, polar aqueousâ€“organic and normal-phase eluents. Journal of Chromatography A, 2001, 922, 127-137.	1.8	159
13	Enantioseparations by capillary electrochromatography. Electrophoresis, 2001, 22, 3131-3151.	1.3	157
14	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.	1.8	141
15	Enantiomer migration order in chiral capillary electrophoresis. Electrophoresis, 2002, 23, 4022-4035.	1.3	132
16	Chiral capillary electrophoresisâ€“electrospray mass spectrometry coupling using vancomycin as chiral selector. Journal of Chromatography A, 1998, 800, 69-76.	1.8	127
17	Enantiomer Separations in Capillary Electrophoresis in the Case of Equal Binding Constants of the Enantiomers with a Chiral Selector:Â Commentary on the Feasibility of the Concept. Analytical Chemistry, 2004, 76, 4256-4260.	3.2	121
18	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, 6942-6955.	1.8	121

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19	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, 467-478.	1.4	119
20	Separation of enantiomers with charged chiral selectors in CE. Electrophoresis, 2009, 30, S211-21.	1.3	116
21	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.	1.8	110
22	Contemporary theory of enantioseparations in capillary electrophoresis. Journal of Chromatography A, 2018, 1567, 2-25.	1.8	92
23	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, 157-167.	1.8	91
24	Designed combination of chiral selectors for adjustment of enantioseparation selectivity in capillary electrophoresis. Electrophoresis, 1999, 20, 2691-2697.	1.3	88
25	Comparative capillary electrophoresis and NMR studies of enantioseparation of dimethindene with cyclodextrins. Journal of Chromatography A, 1998, 798, 315-323.	1.8	86
26	Enantiomeric resolution of anionic R/S-1,1â€²-binaphthyl-2,2â€²-diyl hydrogen phosphate by capillary electrophoresis using anionic cyclodextrin derivatives as chiral selectors. Journal of Chromatography A, 1995, 704, 234-237.	1.8	85
27	Enantiomeric resolution of chiral imidazole derivatives using capillary electrophoresis with cyclodextrin-type buffer modifiers. Journal of Chromatography A, 1995, 700, 43-49.	1.8	84
28	Comparative high-performance liquid chromatography enantioseparations on polysaccharide based chiral stationary phases prepared by coating totally porous and coreâ€“shell silica particles. Journal of Chromatography A, 2012, 1234, 50-55.	1.8	84
29	Enantioseparations in non-aqueous capillary electrochromatography using polysaccharide type chiral stationary phases. Journal of Chromatography A, 2000, 887, 439-455.	1.8	78
30	Reversal of enantiomer elution order in capillary electrophoresis using charged and neutral cyclodextrins. Journal of Chromatography A, 1996, 732, 183-187.	1.8	77
31	Comparative performance of capillary columns made with totally porous and coreâ€“shell particles coated with a polysaccharide-based chiral selector in nano-liquid chromatography and capillary electrochromatography. Journal of Chromatography A, 2012, 1269, 136-142.	1.8	76
32	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, 167-174.	1.8	76
33	High-performance liquid chromatographic enantioseparations on capillary columns containing monolithic silica modified with cellulose tris(3,5-dimethylphenylcarbamate). Journal of Separation Science, 2004, 27, 905-911.	1.3	75
34	<scp>HPLC</scp> separation of enantiomers of chiral arylpropionic acid derivatives using polysaccharideâ€based chiral columns and normalâ€phase eluents with emphasis on elution order. Journal of Separation Science, 2013, 36, 140-147.	1.3	75
35	Some thoughts about enantioseparations in capillary electrophoresis. Electrophoresis, 2019, 40, 2420-2437.	1.3	75
36	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.	1.8	73

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37	Analytical and Preparative Scale Separation of Enantiomers of Chiral Drugs by Chromatography and Related Methods. Current Medicinal Chemistry, 2018, 25, 4152-4188.	1.2	73
38	High-performance liquid chromatographic enantioseparations on capillary columns containing crosslinked polysaccharide phenylcarbamate derivatives attached to monolithic silica. Journal of Separation Science, 2006, 29, 1988-1995.	1.3	72
39	Chiral capillary electrophoresisâ€“electrospray mass spectrometry coupling with charged cyclodextrin derivatives as chiral selectors. Journal of Chromatography A, 1998, 800, 77-82.	1.8	70
40	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.	1.8	69
41	Enantioseparations using capillary electromigration techniques in nonaqueous buffers. Electrophoresis, 2000, 21, 4159-4178.	1.3	69
42	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, 471-484.	1.8	68
43	Effect of organic solvent, electrolyte salt and a loading of cellulose tris (3,5-dichlorophenyl-) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 Electrophoresis, 2001, 22, 3327-3334.	1.3	67
44	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, 7450-7455.	1.8	67
45	Chip-Based High-Performance Liquid Chromatography for High-Speed Enantioseparations. Analytical Chemistry, 2015, 87, 5568-5576.	3.2	67
46	Chiral recognition of verapamil by cyclodextrins studied with capillary electrophoresis, NMR spectroscopy, and electrospray ionization mass spectrometry. , 1999, 11, 635-644.		66
47	About the role of enantioselective selectorâ€“selectand interactions and the mobilities of diastereomeric associates in enantiomer separations using CE. Electrophoresis, 2009, 30, 2803-2811.	1.3	66
48	Recent trends in enantioseparations using capillary electromigration techniques. TrAC - Trends in Analytical Chemistry, 1999, 18, 485-498.	5.8	65
49	Comparative enantioseparations with native Î²-cyclodextrin and heptakis-(2-O-methyl-) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 26	1.3	65
50	Monolithic chiral stationary phases for liquidâ€phase enantioseparation techniques. Journal of Separation Science, 2010, 33, 305-314.	1.3	65
51	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, 2772-2778.	1.3	64
52	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, 1282-1291.	1.3	64
53	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.	1.3	64
54	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.	0.7	64

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55	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.	1.4	64
56	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.	1.8	63
57	Enantioseparation in capillary electrophoresis using 2-hydroxypropyltrimethylammonium salt of Î²-cyclodextrin as a chiral selector. Journal of Chromatography A, 1997, 771, 259-266.	1.8	63
58	Enantioseparation of chiral drugs and current status of electromigration techniques in this field. Journal of Separation Science, 2001, 24, 691-705.	1.3	63
59	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.	1.8	63
60	Capillary electrophoresis and 1H NMR studies on chiral recognition of atropisomeric binaphthyl derivatives by cyclodextrin hosts. Journal of Chromatography A, 1996, 732, 143-150.	1.8	59
61	<scp>HPLC</scp> separation of dihydropyridine derivatives enantiomers with emphasis on elution order using polysaccharideâ€based chiral columns. Journal of Separation Science, 2012, 35, 2529-2537.	1.3	58
62	Potential of flow-counterbalanced capillary electrophoresis for analytical and micropreparative separations. Electrophoresis, 1999, 20, 2680-2685.	1.3	57
63	Mechanistic study of opposite migration order of dimethindene enantiomers in capillary electrophoresis in the presence of native Î²-cyclodextrin and heptakis(2,3,6-tri-O-methyl)-Î²-cyclodextrin. Journal of Chromatography A, 2000, 875, 455-469.	1.8	56
64	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, 1897-1906.	1.4	55
65	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.	1.8	55
66	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.	1.8	53
67	Separation of enantiomers of native amino acids with polysaccharide-based chiral columns in supercritical fluid chromatography. Journal of Chromatography A, 2019, 1585, 207-212.	1.8	53
68	Capillary electrophoretic and nuclear magnetic resonance studies on the opposite affinity pattern of propranolol enantiomers towards various cyclodextrins. Journal of Separation Science, 2010, 33, 1617-1624.	1.3	52
69	Native and substituted cyclodextrins as chiral selectors for capillary electrophoresis enantioseparations: Structures, features, application, and molecular modeling. Electrophoresis, 2021, 42, 1676-1708.	1.3	52
70	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.	0.7	51
71	Enantiomeric separation of FMOCâ€amino acids by nanoâ€LC and CEC using a new chiral stationary phase, cellulose tris(3â€chloroâ€4â€methylphenylcarbamate). Electrophoresis, 2011, 32, 2700-2707.	1.3	51
72	Capillary electrophoresis, nuclear magnetic resonance and mass spectrometry studies of opposite chiral recognition of chlorpheniramine enantiomers with various cyclodextrins. Electrophoresis, 1998, 19, 2101-2108.	1.3	50

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73	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.	1.3	50
74	Enantioseparations in nonaqueous capillary liquid chromatography and capillary electrochromatography using cellulose tris(3,5-dimethylphenylcarbamate) as chiral stationary phase. Electrophoresis, 2002, 23, 486.	1.3	50
75	Enantiomeric separation of new cathinone derivatives designer drugs by capillary electrochromatography using a chiral stationary phase, based on amylose tris(5â€chloroâ€2â€methylphenylcarbamate). Electrophoresis, 2014, 35, 3242-3249.	1.3	50
76	Tris(chloro- and methyl-disubstituted phenylcarbamate)s of Cellulose as Chiral Stationary Phases for Chromatographic Enantioseparation. Chemistry Letters, 1993, 22, 617-620.	0.7	49
77	Effect of content of chiral selector and pore size of coreâ€“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, 2014, 1363, 363-371.	1.8	49
78	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.	1.8	49
79	Application of enantioselective separation techniques to bioanalysis of chiral drugs and their metabolites. TrAC - Trends in Analytical Chemistry, 2021, 143, 116332.	5.8	49
80	Enantioseparations on amylose tris(5-chloro-2-methylphenylcarbamate) in nano-liquid chromatography and capillary electrochromatography. Journal of Chromatography A, 2010, 1217, 1166-1174.	1.8	48
81	Applications of nuclear magnetic resonance spectroscopy for the understanding of enantiomer separation mechanisms in capillary electrophoresis. Journal of Chromatography A, 2016, 1467, 95-144.	1.8	48
82	Enantioseparation using selected polysaccharides as chiral buffer additives in capillary electrophoresis. Journal of Chromatography A, 1997, 773, 331-338.	1.8	47
83	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.	0.6	47
84	Comparative enantioseparation of talinolol in aqueous and non-aqueous capillary electrophoresis and study of related selectorâ€“selectand interactions by nuclear magnetic resonance spectroscopy. Journal of Chromatography A, 2012, 1267, 206-216.	1.8	47
85	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.	1.8	47
86	Separation of enantiomers of norephedrine by capillary electrophoresis using cyclodextrins as chiral selectors: Comparative <scp>CE</scp> and <scp>NMR</scp> studies. Electrophoresis, 2012, 33, 1637-1647.	1.3	46
87	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.	1.3	45
88	Comparative enantioseparations with native Î²-cyclodextrin, randomly acetylated Î²-cyclodextrin and heptakis-(2,3-di-O-acetyl)-Î²-cyclodextrin in capillary electrophoresis. Electrophoresis, 2003, 24, 1083-1091.	1.3	45
89	Determination of enantiomeric purity of Sâ€amlodipine by chiral LC with emphasis on reversal of enantiomer elution order. Journal of Separation Science, 2011, 34, 1772-1780.	1.3	45
90	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.	1.8	45

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91	Mechanistic study on the opposite migration order of the enantiomers of ketamine with Î±- and Î²-cyclodextrin in capillary electrophoresis. Journal of Separation Science, 2002, 25, 1155-1166.	1.3	44
92	Enantioseparations with cellulose tris(3-chloro-4-methylphenylcarbamate) in nano-liquid chromatography and capillary electrochromatographyâ˜†. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 875, 296-303.	1.2	44
93	Comparative NMR and MS studies on the mechanism of enantioseparation of propranolol with heptakis(2,3-diacetyl-6-sulfo)-Î²-cyclodextrin in capillary electrophoresis with aqueous and non-aqueous electrolytes. Electrophoresis, 2011, 32, 1156-1163.	1.3	44
94	Mechanistic study on the opposite migration order of clenbuterol enantiomers in capillary electrophoresis with Î²-cyclodextrin and single-isomer heptakis(2,3-diacetyl-6-sulfo)-Î²-cyclodextrin. Electrophoresis, 2001, 22, 3178-3184.	1.3	42
95	Separation of enantiomers of ephedrine by capillary electrophoresis using cyclodextrins as chiral selectors: Comparative CE, NMR and high resolution MS studies. Electrophoresis, 2011, 32, 2640-2647.	1.3	42
96	Enantioseparation of novel chiral sulfoxides on chlorinated polysaccharide stationary phases in supercritical fluid chromatography. Journal of Chromatography A, 2017, 1499, 174-182.	1.8	42
97	Enantioseparation of thalidomide and its hydroxylated metabolites using capillary electrophoresis with various cyclodextrins and their combinations as chiral buffer additives. Electrophoresis, 1999, 20, 2425-2431.	1.3	41
98	Selector-selectand interactions in chiral capillary electrophoresis. Electrophoresis, 1999, 20, 2592-2604.	1.3	41
99	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.	1.8	41
100	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, 139-155.	1.1	40
101	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.	1.3	40
102	On our way to sub-second separations of enantiomers in high-performance liquid chromatography. Journal of Chromatography A, 2018, 1572, 37-43.	1.8	38
103	Separation of tocopherols by nano-liquid chromatography. Journal of Pharmaceutical and Biomedical Analysis, 2004, 35, 331-337.	1.4	37
104	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.	2.6	37
105	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, 1083-1088.	1.3	37
106	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, 1577-1584.	1.4	36
107	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.	1.8	36
108	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.	1.8	36

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109	History, advancement, bottlenecks, and future of chiral capillary electrochromatography. Journal of Chromatography A, 2021, 1637, 461832.	1.8	36
110	Separation and identification of etodolac and its urinary phase I metabolites using capillary electrochromatography and on-line capillary electrochromatographyâ€“electrospray ionisation mass spectrometry coupling. Journal of Chromatography A, 2000, 887, 393-407.	1.8	35
111	HPLC Separation of Enantiomers of Some Flavanone Derivatives Using Polysaccharide-Based Chiral Selectors Covalently Immobilized on Silica. Chromatographia, 2016, 79, 119-124.	0.7	35
112	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, 379-387.	1.8	34
113	Comparative Enantioseparation of Ketoprofen with Trimethylated Î±â€, Î²â€, and Î³â€Cyclodextrins in Capillary Electrophoresis and Study of Related Selectorâ€“Selectand Interactions Using Nuclear Magnetic Resonance Spectroscopy. Chirality, 2013, 25, 79-88.	1.3	34
114	Separation of propranolol enantiomers by CE using sulfated Î²â€CD derivatives in aqueous and nonâ€aqueous electrolytes: Comparative CE and NMR study. Electrophoresis, 2010, 31, 1467-1474.	1.3	33
115	Optimization of the LC enantioseparation of chiral pharmaceuticals using cellulose tris(4â€chloroâ€3â€methylphenylcarbamate) as chiral selector and polar nonâ€aqueous mobile phases. Journal of Separation Science, 2010, 33, 1699-1707.	1.3	33
116	Separation of enilconazole enantiomers in capillary electrophoresis with cyclodextrinâ€type chiral selectors and investigation of structure of selectorâ€selectand complexes by using nuclear magnetic resonance spectroscopy. Electrophoresis, 2017, 38, 1851-1859.	1.3	33
117	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.	1.8	32
118	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, 4173-4179.	1.3	31
119	Enantiomeric separation of ivabradine by cyclodextrin-electrokinetic chromatography. Effect of amino acid chiral ionic liquids. Journal of Chromatography A, 2019, 1608, 460407.	1.8	31
120	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.	0.7	30
121	Effect of Basic and Acidic Additives on the Separation of Some Basic Drug Enantiomers on Polysaccharideâ€Based Chiral Columns With Acetonitrile as Mobile Phase. Chirality, 2015, 27, 228-234.	1.3	30
122	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.	1.8	30
123	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.	1.3	29
124	Comparative HPLC enantioseparation of new chiral hydantoin derivatives on three different polysaccharide type chiral stationary phases. Journal of Pharmaceutical and Biomedical Analysis, 2002, 27, 457-465.	1.4	29
125	Dichloro-, dimethyl-, and chloromethylphenylcarbamate derivatives of cyclodextrins as chiral stationary phases for high-performance liquid chromatography. Chirality, 1996, 8, 402-407.	1.3	28
126	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.	1.3	28

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127	Structural rationale for the chiral separation and migration order reversal of clenpenterol enantiomers in capillary electrophoresis using two different Î²-cyclodextrins. Physical Chemistry Chemical Physics, 2017, 19, 27935-27939.	1.3	28
128	Enantioseparation of chiral vasodilator drug isoxsuprine in high-performance liquid chromatography and capillary electrophoresis. Journal of Pharmaceutical and Biomedical Analysis, 2002, 27, 153-159.	1.4	27
129	Comparative enantioseparations of pharmaceuticals in capillary electrochromatography on polysaccharideâ€based chiral stationary phases containing selectors with or without chlorinated derivatives. Electrophoresis, 2010, 31, 3207-3216.	1.3	27
130	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.	1.0	26
131	The molecular bases of chiral recognition in 2-(benzylsulfinyl)benzamide enantioseparation. Analytica Chimica Acta, 2021, 1141, 194-205.	2.6	26
132	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.	1.3	24
133	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, 388-394.	1.3	24
134	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.	0.7	24
135	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.	0.7	23
136	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, 3281-3285.	1.3	22
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138	An attempt for fast separation of enantiomers in nanoâ€liquid chromatography and capillary electrochromatography. Electrophoresis, 2017, 38, 1932-1938.	1.3	22
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