Salvatore Fanali

List of Publications by Year
in descending order

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358 papers	12,594 citations	30070 54 h-index	49909 87 g-index

371 all docs	371 docs citations	371 times ranked	6516 citing authors

#	Article	IF	Citations
1	Enantioselective determination by capillary electrophoresis with cyclodextrins as chiral selectors. Journal of Chromatography A, 2000, 875, 89-122.	3.7	444
2	Separation of optical isomers by capillary zone electrophoresis based on host-guest complexation with cyclodextrins. Journal of Chromatography A, 1989, 474, 441-446.	3.7	410
3	Identification of chiral drug isomers by capillary electrophoresis. Journal of Chromatography A, 1996, 735, 77-121.	3.7	319
4	Indirect photometric detection in capillary zone electrophoresis. Journal of Chromatography A, 1989, 470, 299-308.	3.7	250
5	Use of cyclodextrins in capillary zone electrophoresis. Journal of Chromatography A, 1991, 545, 437-444.	3.7	243
6	Controlling enantioselectivity in chiral capillary electrophoresis with inclusionâ€“complexation. Journal of Chromatography A, 1997, 792, 227-267.	3.7	225
7	Capillary zone electrophoresis of rare earth metals with indirect UV absorbance detection. Electrophoresis, 1990, 11, 780-783.	2.4	180
8	Enantiomer resolution by using capillary zone electrophoresis: Resolution of racemic tryptophan and determination of the enantiomer composition of commercial pharmaceutical epinephrine. Electrophoresis, 1990, 11, 757-760.	2.4	158
9	Enantioseparations by capillary electrochromatography. Electrophoresis, 2001, 22, 3131-3151.	2.4	157
10	Use of charged and neutral cyclodextrins in capillary zone electrophoresis: enantiomeric resolution of some 2-hydroxy acids. Journal of Chromatography A, 1993, 638, 247-253.	3.7	148
11	Chiral analysis by capillary electrophoresis using antibiotics as chiral selector. Journal of Chromatography A, 1998, 807, 37-56.	3.7	134
12	Use of negatively charged sulfobutyl ether-Î²-cyclodextrin for enantiomeric separation by capillary electrophoresis. Journal of Chromatography A, 1995, 716, 183-196.	3.7	129
13	Chiral capillary electrophoresisâ€“electrospray mass spectrometry coupling using vancomycin as chiral selector. Journal of Chromatography A, 1998, 800, 69-76.	3.7	127
14	Use of cyclodextrins in capillary electrophoresis for the chiral resolution of some 2-arylpropionic acid non-steroidal anti-inflammatory drugs. Journal of Chromatography A, 1995, 694, 297-305.	3.7	118
15	Chiral separations by CE employing CDs. Electrophoresis, 2009, 30, S203-10.	2.4	118
16	Recent applications in nanoliquid chromatography. Journal of Separation Science, 2007, 30, 1589-1610.	2.5	115
17	Recent advancements and future trends in environmental analysis: Sample preparation, liquid chromatography and mass spectrometry. Analytica Chimica Acta, 2017, 983, 9-41.	5.4	110
18	Remediation of hexavalent chromium contaminated water through zero-valent iron nanoparticles and effects on tomato plant growth performance. Scientific Reports, 2020, 10, 1920.	3.3	104

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19	Use of vancomycin silica stationary phase in packed capillary electrochromatography I. Enantiomer separation of basic compounds. Electrophoresis, 2001, 22, 535-543.	2.4	87
20	Use of vancomycin silica stationary phase in packed capillary electrochromatography. Journal of Chromatography A, 2001, 919, 195-203.	3.7	87
21	Enantiomeric separation of acidic herbicides by capillary electrophoresis using vancomycin as chiral selector. Journal of Chromatography A, 1997, 781, 503-513.	3.7	85
22	Evaluation of a method based on liquid chromatographyâ€“diode array detectorâ€“tandem mass spectrometry for a rapid and comprehensive characterization of the fat-soluble vitamin and carotenoid profile of selected plant foods. Journal of Chromatography A, 2011, 1218, 684-697.	3.7	83
23	Capillary zone electrophoresis separations of enantiomers present in complex ionic matrices with on-line isotachophoretic sample pretreatment. Journal of Chromatography A, 1999, 838, 31-43.	3.7	82
24	Accelerated Solvent Extraction and Confirmatory Analysis of Sulfonamide Residues in Raw Meat and Infant Foods by Liquid Chromatography Electrospray Tandem Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2004, 52, 4614-4624.	5.2	81
25	Multi-walled carbon nanotubesâ€“dispersive solid-phase extraction combined with nano-liquid chromatography for the analysis of pesticides in water samples. Analytical and Bioanalytical Chemistry, 2011, 400, 1113-1123.	3.7	81
26	Comprehensive Profiling of Carotenoids and Fat-Soluble Vitamins in Milk from Different Animal Species by LC-DAD-MS/MS Hyphenation. Journal of Agricultural and Food Chemistry, 2013, 61, 1628-1639.	5.2	80
27	Resolution of optical isomers by capillary zone electrophoresis: Study of enantiomeric and diastereoisomeric Co(III) complexes with ethylenediamine and amino acid ligands. Journal of Separation Science, 1989, 1, 190-194.	1.0	78
28	Separation of Î±-hydroxy acid enantiomers by high performance capillary electrophoresis using copper(II)-L-amino acid and copper(II)-aspartame complexes as chiral selectors in the background electrolyte. Electrophoresis, 1994, 15, 864-869.	2.4	77
29	Simultaneous stereoselective analysis of tramadol and its main phase I metabolites by on-line capillary zone electrophoresisâ€“electrospray ionization mass spectrometry. Journal of Chromatography A, 2000, 868, 295-303.	3.7	77
30	Enantiomeric resolution study by capillary electrophoresis. Journal of Chromatography A, 1997, 772, 185-194.	3.7	76
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.	3.7	76
32	<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.	2.5	75
33	Some thoughts about enantioseparations in capillary electrophoresis. Electrophoresis, 2019, 40, 2420-2437.	2.4	75
34	Simultaneous determination of reduced and oxidized glutathione in peripheral blood mononuclear cells by liquid chromatographyâ€“electrospray mass spectrometry. Biomedical Applications, 2001, 757, 69-78.	1.7	73
35	Chiral MEKC-LIF of amino acids in foods: Analysis of vinegars. Electrophoresis, 2006, 27, 2551-2557.	2.4	73
36	Chiral separations in food analysis. TrAC - Trends in Analytical Chemistry, 2017, 96, 151-171.	11.4	73

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37	Advanced analytical techniques for fat-soluble vitamin analysis. TrAC - Trends in Analytical Chemistry, 2017, 87, 82-97.	11.4	72
38	Use of cyclodextrins for the enantioselective separation of ergot alkaloids by capillary zone electrophoresis. Electrophoresis, 1992, 13, 39-43.	2.4	71
39	Use of vancomycin as chiral selector in capillary electrophoresis. Optimization and quantitation of loxiglumide enantiomers in pharmaceuticals. Journal of High Resolution Chromatography, 1996, 19, 322-326.	1.4	68
40	Enantiomeric separation of fluoxetine and norfluoxetine in plasma and serum samples with high detection sensitivity capillary electrophoresis. Electrophoresis, 1999, 20, 3432-3438.	2.4	67
41	Food analysis: A continuous challenge for miniaturized separation techniques. Journal of Separation Science, 2009, 32, 3764-3800.	2.5	66
42	Chiral separations in food analysis. TrAC - Trends in Analytical Chemistry, 2013, 52, 206-225.	11.4	66
43	Capillary zone electrophoretic separation of cyclodextrins with indirect UV photometric detection. Electrophoresis, 1990, 11, 774-776.	2.4	64
44	Use of Î²-cyclodextrin polymer as a chiral selector in capillary electrophoresis. Journal of Chromatography A, 1994, 680, 137-146.	3.7	64
45	Chiral capillary electrophoresis in food analysis. Electrophoresis, 2010, 31, 2106-2114.	2.4	64
46	Simultaneous stereoselective analysis of venlafaxine and O-desmethylvenlafaxine enantiomers in clinical samples by capillary electrophoresis using charged cyclodextrins. Journal of Pharmaceutical and Biomedical Analysis, 2000, 23, 107-115.	2.8	63
47	Separation of organophosphorus pesticides by using nano-liquid chromatography. Journal of Chromatography A, 2009, 1216, 3970-3976.	3.7	61
48	Capillary electrochromatography and capillary electrochromatographyâ€“electrospray mass spectrometry for the separation of non-steroidal anti-inflammatory drugs. Journal of Chromatography A, 2000, 895, 123-132.	3.7	59
49	Analysis of mephenytoin, 4-hydroxymephenytoin and 4-hydroxyphenytoin enantiomers in human urine by cyclodextrin micellar electrokinetic capillary chromatography: Simple determination of a hydroxylation polymorphism in man. Electrophoresis, 1994, 15, 87-93.	2.4	58
50	Determination of aloe emodin in Aloe vera extracts and commercial formulations by HPLC with tandem UV absorption and fluorescence detection. Food Chemistry, 2011, 126, 387-393.	8.2	57
51	Nano-liquid chromatography applied to enantiomers separation. Journal of Chromatography A, 2017, 1486, 20-34.	3.7	57
52	Enantiomers resolution in capillary zone electrophoresis by using cyclodextrins. Electrophoresis, 1992, 13, 687-690.	2.4	56
53	Quantitative analysis of synthetic dyes in lipstick by micellar electrokinetic capillary chromatography. Electrophoresis, 1998, 19, 1478-1483.	2.4	56
54	Separation and analysis of glycyrrhizin, 18Î²-glycyrrhetic acid and 18Î±-glycyrrhetic acid in liquorice roots by means of capillary zone electrophoresis. Journal of Chromatography A, 2005, 1081, 65-71.	3.7	56

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55	Nano-liquid chromatography analysis of dansylated biogenic amines in wines. Journal of Chromatography A, 2007, 1147, 192-199.	3.7	56
56	Current applications of miniaturized chromatographic and electrophoretic techniques in drug analysis. Journal of Pharmaceutical and Biomedical Analysis, 2014, 101, 194-220.	2.8	56
57	Nano-liquid chromatography coupled with mass spectrometry: Separation of sulfonamides employing non-porous coreâ€“shell particles. Journal of Chromatography A, 2012, 1255, 277-285.	3.7	55
58	Capillary electrochromatography in food analysis. TrAC - Trends in Analytical Chemistry, 2016, 82, 250-267.	11.4	55
59	Cyclodextrin-based sorbents for solid phase extraction. Journal of Chromatography A, 2020, 1609, 460654.	3.7	55
60	Capillary zone electrophoresis and mass spectrometry for the characterization of genetic variants of human hemoglobin. Analytical Biochemistry, 1991, 194, 1-8.	2.4	54
61	Simultaneous stereoselective analysis by capillary electrophoresis of tramadol enantiomers and their main phase I metabolites in urine. Journal of Chromatography A, 1999, 846, 227-237.	3.7	53
62	Solid-phase extraction followed by high-performance liquid chromatographyâ€“ionspray interfaceâ€“mass spectrometry for monitoring of herbicides in environmental water. Journal of Chromatography A, 2000, 874, 187-198.	3.7	53
63	Determination of losartan and hydrochlorothiazide in tablets by CE and CEC. Journal of Pharmaceutical and Biomedical Analysis, 2002, 29, 981-987.	2.8	53
64	Use of vancomycin chiral stationary phase for the enantiomeric resolution of basic and acidic compounds by nano-liquid chromatography. Journal of Chromatography A, 2005, 1081, 105-113.	3.7	53
65	Rapid, high performance method for the determination of vitamin K1, menaquinone-4 and vitamin K1 2,3-epoxide in human serum and plasma using liquid chromatography-hybrid quadrupole linear ion trap mass spectrometry. Journal of Chromatography A, 2014, 1338, 102-110.	3.7	53
66	Improved separation of diastereomeric derivatives of enantiomers by a physical network of linear polyvinylpyrrolidone applied as pseudophase in capillary zone electrophoresis. Electrophoresis, 1994, 15, 769-773.	2.4	52
67	Use of methylamino-Î²-cyclodextrin in capillary electrophoresis. Resolution of acidic and basic enantiomers. Chromatographia, 1996, 43, 247-253.	1.3	52
68	HPLC analysis of the novel antipsychotic drug quetiapine in human plasma. Journal of Pharmaceutical and Biomedical Analysis, 2002, 30, 969-977.	2.8	52
69	Chiral nano-liquid chromatographyâ€“mass spectrometry applied to amino acids analysis for orange juice profiling. Food Chemistry, 2008, 108, 1114-1121.	8.2	51
70	Development and validation of two multiresidue liquid chromatography tandem mass spectrometry methods based on a versatile extraction procedure for isolating non-steroidal anti-inflammatory drugs from bovine milk and muscle tissue. Analytical and Bioanalytical Chemistry, 2012, 404, 1375-1388.	3.7	51
71	Analysis of hydroquinone and some of its ethers by using capillary electrochromatography. Journal of Chromatography A, 2000, 887, 489-496.	3.7	50
72	Optical isomer separation of flavanones and flavanone glycosides by nano-liquid chromatography using a phenyl-carbamate-propyl-Î²-cyclodextrin chiral stationary phase. Journal of Chromatography A, 2010, 1217, 1175-1182.	3.7	50

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73	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.	2.4	50
74	Experimental design methodologies to optimize the CE separation of epinephrine enantiomers. Chromatographia, 1998, 48, 395-401.	1.3	49
75	On-line CE-MS using pressurized liquid junction nanoflow electrospray interface and surface-coated capillaries. Electrophoresis, 2006, 27, 4666-4673.	2.4	49
76	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.	3.7	49
77	Separation of diastereomeric derivatives of enantiomers by capillary zone electrophoresis with a polymer network: Use of polyvinylpyrrolidone as buffer additive. Journal of Chromatography A, 1993, 639, 375-378.	3.7	48
78	Enantioseparations on amylose tris(5-chloro-2-methylphenylcarbamate) in nano-liquid chromatography and capillary electrochromatography. Journal of Chromatography A, 2010, 1217, 1166-1174.	3.7	48
79	Enantiomeric separation by capillary electrophoresis using a soluble neutral Î²-cyclodextrin polymer. Journal of Chromatography A, 1995, 709, 89-98.	3.7	47
80	Chiral analysis of UV nonabsorbing compounds by capillary electrophoresis using macrocyclic antibiotics: 1. Separation of aspartic and glutamic acid enantiomers. Electrophoresis, 2001, 22, 2129-2135.	2.4	47
81	Enantiomeric separation of citalopram and its metabolites by capillary electrophoresis. Electrophoresis, 2003, 24, 2608-2616.	2.4	47
82	Use of vancomycin silica stationary phase in packed capillary electrochromatography: III. Enantiomeric separation of basic compounds with the polar organic mobile phase. Electrophoresis, 2002, 23, 477.	2.4	46
83	Micellar electrokinetic chromatographic study of hydroquinone and some of its ethers. Journal of Chromatography A, 1992, 596, 95-100.	3.7	45
84	Rapid assay of vitamin?E in vegetable oils by reversed-phase capillary electrochromatography. Electrophoresis, 2005, 26, 798-803.	2.4	45
85	Micellar electrokinetic chromatography for the simultaneous determination of ketorolac tromethamine and its impurities. Journal of Chromatography A, 2004, 1032, 253-263.	3.7	44
86	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.	2.3	44
87	Estrogenic compounds determination in water samples by dispersive liquidâ€“liquid microextraction and micellar electrokinetic chromatography coupled to mass spectrometry. Journal of Chromatography A, 2014, 1344, 109-121.	3.7	44
88	Atrazine and simazine determination in river water samples by micellar electrokinetic capillary chromatography. Electrophoresis, 1992, 13, 698-700.	2.4	43
89	Improved HPLC determination of fluoxetine and norfluoxetine in human plasma. Chromatographia, 1999, 50, 423-427.	1.3	43
90	A rapid HPLC-DAD method for the analysis of fluoxetine and norfluoxetine in plasma from overdose patients. Journal of Pharmaceutical and Biomedical Analysis, 2004, 36, 351-356.	2.8	43

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91	Analysis of the second generation antidepressant venlafaxine and its main active metabolite O-desmethylvenlafaxine in human plasma by HPLC with spectrofluorimetric detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 856, 88-94.	2.3	43
92	Analysis of phytosterols in extra-virgin olive oil by nano-liquid chromatography. Journal of Chromatography A, 2009, 1216, 7173-7178.	3.7	43
93	Stereoselective analysis of herbicides by capillary electrophoresis using sulfobutyl ether Î²-cyclodextrin as chiral selector. Electrophoresis, 1997, 18, 227-234.	2.4	42
94	Separation of basic compounds of pharmaceutical interest by using nano-liquid chromatography coupled with mass spectrometry. Journal of Chromatography A, 2007, 1150, 252-258.	3.7	42
95	Analysis of Enantiomers in Products of Food Interest. Molecules, 2019, 24, 1119.	3.8	42
96	Analysis of phenolic compounds in extra virgin olive oil by using reversedâ€phase capillary electrochromatography. Electrophoresis, 2008, 29, 1643-1650.	2.4	41
97	Analysis of Aloeâ€based phytotherapeutic products by using nanoâ€LCâ€MS. Journal of Separation Science, 2010, 33, 2663-2670.	2.5	41
98	Evaluation of the combination of a dispersive liquidâ€“liquid microextraction method with micellar electrokinetic chromatography coupled to mass spectrometry for the determination of estrogenic compounds in milk and yogurt. Electrophoresis, 2015, 36, 615-625.	2.4	41
99	An overview to nanoâ€scale analytical techniques: Nanoâ€liquid chromatography and capillary electrochromatography. Electrophoresis, 2017, 38, 1822-1829.	2.4	41
100	Enantioselective determination of the novel antidepressant mirtazapine and its active demethylated metabolite in human plasma by means of capillary electrophoresis. Journal of Chromatography A, 2004, 1051, 253-260.	3.7	40
101	Quantitation of chiral amino acids from microalgae by MEKC and LIF detection. Electrophoresis, 2007, 28, 2701-2709.	2.4	40
102	Analysis of hesperetin enantiomers in human urine after ingestion of blood orange juice by using nano-liquid chromatography. Journal of Pharmaceutical and Biomedical Analysis, 2010, 51, 225-229.	2.8	40
103	Analysis of synthetic cannabinoids in herbal blends by means of nano-liquid chromatography. Journal of Pharmaceutical and Biomedical Analysis, 2012, 71, 45-53.	2.8	40
104	Enantiomeric separation of amlodipine and its two chiral impurities by nanoâ€liquid chromatography and capillary electrochromatography using a chiral stationary phase based on cellulose tris(4â€chloroâ€3â€methylphenylcarbamate). Electrophoresis, 2013, 34, 2593-2600.	2.4	40
105	Choline-chloride and betaine-based deep eutectic solvents for green extraction of nutraceutical compounds from spent coffee ground. Journal of Pharmaceutical and Biomedical Analysis, 2020, 189, 113421.	2.8	40
106	Ordered mesoporous silica functionalized with Î²-cyclodextrin derivative for stereoisomer separation of flavanones and flavanone glycosides by nano-liquid chromatography and capillary electrochromatography. Journal of Chromatography A, 2017, 1490, 166-176.	3.7	39
107	Separation of Enantiomers by On-Line Capillary Isotachophoresis-Capillary Zone Electrophoresis. Journal of High Resolution Chromatography, 2000, 23, 531-538.	1.4	38
108	Enantiomeric separation of acidic compounds of pharmaceutical interest by capillary electrochromatography employing glycopeptide antibiotic stationary phases. Journal of Chromatography A, 2003, 994, 227-232.	3.7	38

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109	Investigation of polar stationary phases for the separation of sympathomimetic drugs with nano-liquid chromatography in hydrophilic interaction liquid chromatography mode. Analytica Chimica Acta, 2011, 685, 103-110.	5.4	38
110	Analysis of polyphenols and methylxantines in tea samples by means of nano-liquid chromatography utilizing capillary columns packed with coreâ€“shell particles. Journal of Chromatography A, 2012, 1234, 38-44.	3.7	38
111	Highly sensitive chiral analysis in on-line combined chiral and achiral media by capillary zone electrophoresis. Electrophoresis, 1995, 16, 968-973.	2.4	37
112	An experimental design methodology applied to the enantioseparation of a non-steroidal anti-inflammatory drug candidate. Journal of Pharmaceutical and Biomedical Analysis, 2002, 29, 989-997.	2.8	37
113	Separation of tocopherols by nano-liquid chromatography. Journal of Pharmaceutical and Biomedical Analysis, 2004, 35, 331-337.	2.8	37
114	Analysis of aromatic and terpenic constituents of pepper extracts by capillary electrochromatography. Journal of Separation Science, 2007, 30, 612-619.	2.5	37
115	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.	5.4	37
116	A strategy for screening antioxidants in Ginkgo biloba extract by comprehensive two-dimensional ultra high performance liquid chromatography. Journal of Chromatography A, 2015, 1422, 147-154.	3.7	36
117	History, advancement, bottlenecks, and future of chiral capillary electrochromatography. Journal of Chromatography A, 2021, 1637, 461832.	3.7	36
118	Separation of diastereomers by capillary zone electrophoresis in free solution with polymer additive and organic solvent component Effect of pH and solvent composition. Journal of Chromatography A, 1996, 719, 411-420.	3.7	35
119	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.	3.7	35
120	Determination of phenoxyacid herbicides and their phenolic metabolites in surface and drinking water. Rapid Communications in Mass Spectrometry, 2002, 16, 134-141.	1.5	35
121	Reversed-phase capillary electrochromatography for the simultaneous determination of acetylsalicylic acid, paracetamol, and caffeine in analgesic tablets. Electrophoresis, 2004, 25, 615-621.	2.4	35
122	Coupling capillary electrochromatography with mass spectrometry by using a liquid-junction nano-spray interface. Journal of Chromatography A, 2010, 1217, 4079-4086.	3.7	35
123	HPLC Separation of Enantiomers of Some Flavanone Derivatives Using Polysaccharide-Based Chiral Selectors Covalently Immobilized on Silica. Chromatographia, 2016, 79, 119-124.	1.3	35
124	A low transition temperature mixture for the dispersive liquid-liquid microextraction of pesticides from surface waters. Journal of Chromatography A, 2019, 1605, 360329.	3.7	35
125	System peaks in capillary zone electrophoresis. Journal of Chromatography A, 1997, 772, 81-89.	3.7	34
126	Enantiomeric resolution by capillary zone electrophoresis: Use of pepsin for separation of chiral compounds of pharmaceutical interest. Journal of Separation Science, 1997, 9, 9-14.	1.0	34

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127	Applicability of dynamic change of pH in the capillary zone electrophoresis of proteins. Journal of Chromatography A, 1990, 516, 219-222.	3.7	33
128	Use of cyclodextrins in capillary zone electrophoresis for the separation of optical isomers: Resolution of racemic tryptophan derivatives. Chirality, 1992, 4, 56-61.	2.6	33
129	Systematic approach to cost- and time-effective method development with a starter kit for chiral separations by capillary electrophoresis. Journal of Chromatography A, 1997, 782, 257-269.	3.7	33
130	Optimization of a pressurized liquid junction nanoelectrospray interface between CE and MS for reliable proteomic analysis. Electrophoresis, 2007, 28, 1964-1969.	2.4	33
131	Some Separations of Black and Red Water-Soluble Fiber-Tip Pen Inks by Capillary Zone Electrophoresis and Thin-Layer Chromatography. Journal of Forensic Sciences, 1991, 36, 1192-1197.	1.6	33
132	Investigation of the in vitro biotransformation of R-(+)-thalidomide by HPLC, nano-HPLC, CEC and HPLCâ€“APCI-MS. Biomedical Applications, 1999, 723, 255-264.	1.7	32
133	Quality control of benserazide-levodopa and carbidopa-levodopa tablets by capillary zone electrophoresis. Electrophoresis, 2000, 21, 2432-2437.	2.4	32
134	Enantioselective separation of the novel antidepressant mirtazapine and its main metabolites by CEC. Electrophoresis, 2007, 28, 2717-2725.	2.4	32
135	Enantiomers separation by nano-liquid chromatography: Use of a novel sub-2Î¼m vancomycin silica hydride stationary phase. Journal of Chromatography A, 2015, 1381, 149-159.	3.7	32
136	Application of deep eutectic solvents for the extraction of phenolic compounds from extraâ€virgin olive oil. Electrophoresis, 2020, 41, 1752-1759.	2.4	32
137	Development of a method based on liquid chromatographyâ€“electrospray mass spectrometry for analyzing imidazolinone herbicides in environmental water at part-per-trillion levels. Journal of Chromatography A, 1998, 800, 109-119.	3.7	31
138	Enantiomeric separation of mirtazapine and its metabolites by nano-liquid chromatography with UV-absorption and mass spectrometric detection. Journal of Separation Science, 2005, 28, 1719-1728.	2.5	31
139	CEC-ESI ion trap MS of multiple drugs of abuse. Electrophoresis, 2010, 31, 1256-1263.	2.4	31
140	Advances in the enantioseparation of Î²â€blocker drugs by capillary electromigration techniques. Electrophoresis, 2011, 32, 2602-2628.	2.4	31
141	Fast-liquid chromatography using columns of different internal diameters packed with sub-2?m silica particles. Journal of Chromatography A, 2012, 1228, 213-220.	3.7	31
142	Dielectric behaviour of the 2-methoxyethanolâ€“1,2-dimethoxyethane solvent system. Journal of the Chemical Society, Faraday Transactions, 1992, 88, 2003-2006.	1.7	30
143	Selectivity of the separation of DNA fragments by capillary zone electrophoresis in low-melting-point agarose sol. Journal of Chromatography A, 1993, 638, 283-292.	3.7	30
144	Separation of tryptophan-derivative enantiomers with iron-free human serum transferrin by capillary zone electrophoresis. Electrophoresis, 1995, 16, 1510-1518.	2.4	30

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145	C18 silica packed capillary columns with monolithic frits prepared with UV light emitting diode: Usefulness in nano-liquid chromatography and capillary electrochromatography. Journal of Chromatography A, 2012, 1232, 176-182.	3.7	30
146	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.	1.3	30
147	Host-guest complexation in capillary isotachophoresis. Journal of Chromatography A, 1989, 470, 123-129.	3.7	29
148	Screening of Carotenoids in Tomato Fruits by Using Liquid Chromatography with Diode Arrayâ€“Linear Ion Trap Mass Spectrometry Detection. Journal of Agricultural and Food Chemistry, 2015, 63, 7428-7439.	5.2	29
149	Accurate analysis of ginkgolides and their hydrolyzed metabolites by analytical supercritical fluid chromatography hybrid tandem mass spectrometry. Journal of Chromatography A, 2015, 1388, 251-258.	3.7	29
150	Dispersive liquid-liquid microextraction using a low transition temperature mixture and liquid chromatography-mass spectrometry analysis of pesticides in urine samples. Journal of Chromatography A, 2021, 1642, 462036.	3.7	29
151	Separation of Diastereomers by Capillary Zone Electrophoresis with Polymer Additives: Effect of Polymer Type and Chain Length. Analytical Chemistry, 1995, 67, 3866-3870.	6.5	28
152	Separation of five recently commercialized selective serotonin reuptake inhibitor antidepressants by capillary electrophoresis. Journal of Separation Science, 2002, 25, 1096-1100.	2.5	28
153	Use of vancomycin silica stationary phase in packed capillary electrochromatography. Part IV: Enantiomer separation of fluoxetine and norfluoxetine employing UV high sensitivity detection cell. Journal of Separation Science, 2002, 25, 1291-1296.	2.5	28
154	Analysis of ketorolac and its related impurities by capillary electrochromatography. Journal of Chromatography A, 2004, 1044, 295-303.	3.7	28
155	HPLC analysis of the antidepressant trazodone and its main metabolite m-CPP in human plasma. Journal of Pharmaceutical and Biomedical Analysis, 2008, 47, 882-887.	2.8	28
156	Cyclodextrins as a chiral mobile phase additive in nano-liquid chromatography: comparison of reversed-phase silica monolithic and particulate capillary columns. Analytical and Bioanalytical Chemistry, 2012, 402, 2935-2943.	3.7	28
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