

# Ziad El-Rassi

## List of Publications by Year in descending order

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178  
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#	ARTICLE	IF	CITATIONS
1	Hydrophobic AEROSIL®R972 Fumed Silica Nanoparticles Incorporated Monolithic Nano-Columns for Small Molecule and Protein Separation by Nano-Liquid Chromatography. <i>Molecules</i> , 2022, 27, 2306.	1.7	10
2	Reversed-phase capillary electrochromatography of pre-column derivatized mono- and oligosaccharides with three different ultraviolet absorbing tags. <i>Journal of Chromatography A</i> , 2022, 1671, 463025.	1.8	11
3	Capillary electrophoresis and electrochromatography of carbohydrates. , 2021, , 311-390.		0
4	Reversed-phase and hydrophobic interaction chromatography of carbohydrates and glycoconjugates. , 2021, , 35-124.		0
5	Polymethacrylate-based monolithic column with incorporated carbamide-modified fumed silica nanoparticles for hydrophilic liquid interaction chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2021, 44, 255-264.	0.5	5
6	Precursor Carboxy-silica for Functionalization With Interactive Ligands. II. Carbodiimide Assisted Preparation of Silica Bonded Stationary Phases with D-glucamine for Hydrophilic Interaction Liquid Chromatography. <i>Chromatographia</i> , 2021, 84, 781.	0.7	3
7	Graphene oxide-octadecylsilane incorporated monolithic nano-columns with 50µm id and 100µm id for small molecule and protein separation by nano-liquid chromatography. <i>Electrophoresis</i> , 2021, 42, 2637-2646.	1.3	8
8	Poly(carboxyethyl acrylate-co-ethylene glycol dimethacrylate) precursor monolith with bonded octadecyl ligands for use in reversed-phase capillary electrochromatography. <i>Electrophoresis</i> , 2021, 42, 2656-2663.	1.3	7
9	Precursor carboxy-silica for functionalization with interactive ligands. I. Carbodiimide-assisted preparation of silica-bonded stationary phases with octadecyl, naphthyl, and anthracenyl ligands: Comparison of their selectivity and retentivity. <i>Journal of Separation Science</i> , 2020, 43, 4424-4433.	1.3	5
10	Imidazolium ionic liquid bonded silica stationary phases. Part II. 1-Ethylimidazolium stationary phase. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2020, 43, 837-843.	0.5	0
11	Imidazolium ionic liquid bonded silica stationary phases: Part I: Hexadecylimidazolium stationary phase. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2020, 43, 827-836.	0.5	2
12	Various Strategies in Post-Polymerization Functionalization of Organic Polymer-Based Monoliths Used in Liquid Phase Separation Techniques. <i>Molecules</i> , 2020, 25, 1323.	1.7	8
13	Organic polymer monolithic columns with incorporated bare and cyano-modified fumed silica nanoparticles for use in hydrophilic interaction liquid chromatography. <i>Journal of Analytical Science and Technology</i> , 2020, 11, .	1.0	3
14	MWCNT based monolith for the analysis of antibiotics and pesticides in milk and honey by integrated nano-liquid chromatography-high resolution orbitrap mass spectrometry. <i>Analytical Methods</i> , 2019, 11, 21-28.	1.3	27
15	Organic polymer-based monolithic capillary columns and their applications in food analysis. <i>Journal of Separation Science</i> , 2019, 42, 962-979.	1.3	18
16	CE with multi-walled carbon nanotubes (MWCNTs). Part II. SDS coated functionalized MWCNTs as pseudo-stationary phases in nanoparticle EKC - Retention behaviors of small and large solutes. <i>Talanta</i> , 2019, 192, 545-552.	2.9	9
17	CE with multi-walled carbon nanotubes (MWCNTs). Part I. Functionalized and SDS coated MWCNTs as pseudo-stationary phases in nanoparticle EKC - Studies on retention energetics. <i>Talanta</i> , 2019, 192, 534-544.	2.9	6
18	Poly(glycerol monomethacrylate-co-ethylene glycol dimethacrylate) monolithic columns with incorporated bare and surface modified gluconamide fumed silica nanoparticles for hydrophilic interaction capillary electrochromatography. <i>Talanta</i> , 2018, 179, 632-640.	2.9	20

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19	Organic polymer-based monolithic stationary phases with incorporated nanostructured materials for HPLC and CEC. <i>Electrophoresis</i> , 2018, 39, 53-66.	1.3	21
20	Monolithic capillary columns consisting of poly(glycidyl methacrylate-co-ethylene glycol) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70 carbon nanotubes for reversed-phase capillary electrochromatography. <i>Analyst, The</i> , 2018, 143, 270-279.	1.7	17
21	Poly(2-carboxyethyl acrylate-co-ethylene glycol dimethacrylate) precursor monolith. Part I. Carbodiimide assisted post-polymerization modification with octadecyl ligands for use in reversed phase capillary liquid chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2018, 41, 676-683.	0.5	4
22	Biochromatographic applications of polymethacrylate monolithic columns used in electro- and liquid phase-separations. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2018, 41, 572-582.	0.5	5
23	Poly(2-carboxyethyl acrylate-co-ethylene glycol dimethacrylate) monolithic precursor. Part II. Carbodiimide assisted post-polymerization modification with tris and d-Glucamine for use in hydrophilic interaction capillary liquid chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2018, 41, 684-691.	0.5	4
24	Polar silica-based stationary phases. Part I - Singly and doubly layered sorbents consisting of TRIS-silica and chondroitin sulfate A-silica for hydrophilic interaction liquid chromatography. <i>Electrophoresis</i> , 2017, 38, 1582-1591.	1.3	4
25	Selective precolumn derivatization of fatty acids with the fluorescent tag 6-aminoquinoline and their determination in some food samples by reversed-phase chromatography. <i>Electrophoresis</i> , 2017, 38, 1592-1601.	1.3	6
26	Poly (N-acryloxysuccinimide-co-ethylene glycol dimethacrylate) precursor monolith and its post polymerization modification with alkyl ligands, trypsin and lectins for reversed-phase chromatography, miniaturized enzyme reactors and lectin affinity chromatography, respectively. <i>Electrophoresis</i> , 2017, 38, 2870-2879.	1.3	14
27	Polar silica-based stationary phases. Part II- Neutral silica stationary phases with surface bound maltose and sorbitol for hydrophilic interaction liquid chromatography. <i>Journal of Chromatography A</i> , 2017, 1508, 24-32.	1.8	11
28	Polar silica-based stationary phases. Part III- Neutral silica stationary phase with surface bound maltose for affinity chromatography at reduced non-specific interactions. <i>Journal of Chromatography A</i> , 2017, 1508, 33-41.	1.8	8
29	Polar and nonpolar organic polymer-based monolithic columns for capillary electrochromatography and high-performance liquid chromatography. <i>Electrophoresis</i> , 2017, 38, 60-79.	1.3	29
30	Liquid-phase based separation systems for depletion, prefractionation, and enrichment of proteins in biological fluids and matrices for in-depth proteomics analysis - An update covering the period 2014-2016. <i>Electrophoresis</i> , 2017, 38, 150-161.	1.3	15
31	Monolithic stationary phases with incorporated fumed silica nanoparticles. Part I. Polymethacrylate-based monolithic column with incorporated bare fumed silica nanoparticles for hydrophilic interaction liquid chromatography. <i>Journal of Chromatography A</i> , 2016, 1445, 55-61.	1.8	34
32	Monolithic stationary phases with incorporated fumed silica nanoparticles. Part II. Polymethacrylate-based monolithic column with covalently incorporated modified octadecyl fumed silica nanoparticles for reversed-phase chromatography. <i>Journal of Chromatography A</i> , 2016, 1445, 62-67.	1.8	38
33	Postpolymerization modification of a hydroxy monolith precursor. Part III. Activation of poly(hydroxyethyl methacrylate-co-pentaerythritol triacrylate) monolith with epoxy functionalities followed by bonding of glycerol, polyamines, and hydroxypropyl- $\beta$ -cyclodextrin for hydrophilic interaction and chiral capillary electrochromatography. <i>Electrophoresis</i> , 2016, 37, 3178-3185.	1.3	18
34	Postpolymerization modification of a hydroxy monolith precursor. Part I. Epoxy alkane and octadecyl isocyanate modified poly (hydroxyethyl methacrylate-co-pentaerythritol triacrylate) monolithic capillary columns for reversed-phase capillary electrochromatography. <i>Electrophoresis</i> , 2016, 37, 3160-3171.	1.3	12
35	Postpolymerization modification of a hydroxy monolith precursor. Part II. Epoxy biphenyl modified poly (hydroxyethyl methacrylate-co-pentaerythritol triacrylate) monolithic capillary columns for reversed-phase capillary electrochromatography based on I-IE. <i>Electrophoresis</i> , 2016, 37, 3172-3177.	1.3	8
36	Capturing and identification of differentially expressed fucome by a gel free and label free approach. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 989, 112-121.	1.2	2

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37	Robust naphthyl methacrylate monolithic column for high performance liquid chromatography of a wide range of solutes. <i>Journal of Chromatography A</i> , 2015, 1409, 166-172.	1.8	19
38	Liquid phase based separation systems for depletion, prefractionation, and enrichment of proteins in biological fluids and matrices for in-depth proteomics analysis"An update covering the period 2011-2014. <i>Electrophoresis</i> , 2015, 36, 238-252.	1.3	31
39	Recent advances in nonpolar and polar organic monoliths for HPLC and CEC. <i>Electrophoresis</i> , 2015, 36, 76-100.	1.3	41
40	Targeting deeper the human serum fucose by a liquid-phase multicolumn platform in combination with combinatorial peptide ligand libraries. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 951-952, 135-142.	1.2	7
41	Facile preparation of octadecyl monoliths with incorporated carbon nanotubes and neutral monoliths with coated carbon nanotubes stationary phases for HPLC of small and large molecules by hydrophobic and $\pi$ - $\pi$ interactions. <i>Talanta</i> , 2014, 129, 565-574.	2.9	39
42	Neutral, charged and stratified polar monoliths for hydrophilic interaction capillary electrochromatography. <i>Journal of Chromatography A</i> , 2013, 1317, 77-84.	1.8	20
43	Targeting human serum fucose by an integrated liquid-phase multicolumn platform operating in a cascade to facilitate comparative mass spectrometric analysis of disease-free and breast cancer sera. <i>Proteomics</i> , 2013, 13, 1701-1713.	1.3	14
44	Tandem lectin affinity chromatography monolithic columns with surface immobilised concanavalin A, wheat germ agglutinin and Ricinus communis agglutinin for capturing subglycoproteomics from breast cancer and disease-free human sera. <i>Journal of Separation Science</i> , 2012, 35, 1785-1795.	1.3	29
45	Investigation of neutral monolithic capillary columns with varying n-alkyl chain lengths in capillary electrochromatography. <i>Electrophoresis</i> , 2012, 33, 1431-1442.	1.3	17
46	Liquid-phase based separation systems for depletion, prefractionation and enrichment of proteins in biological fluids and matrices for in-depth proteomics analysis "An update covering the period 2008-2011. <i>Electrophoresis</i> , 2012, 33, 74-88.	1.3	70
47	Organic monoliths for hydrophilic interaction electrochromatography/chromatography and immunoaffinity chromatography. <i>Electrophoresis</i> , 2012, 33, 251-261.	1.3	37
48	Hydrophilic diol monolith for the preparation of immuno-sorbents at reduced nonspecific interactions. <i>Journal of Separation Science</i> , 2011, 34, 2097-2105.	1.3	20
49	Trends in nonpolar polymer-based monolithic columns for reversed-phase capillary electrochromatography. <i>Electrophoresis</i> , 2011, 32, 90-104.	1.3	26
50	Controlling retention, selectivity and magnitude of EOF by segmented monolithic columns consisting of octadecyl and naphthyl monolithic segments " applications to RP-CEC of both neutral and charged solutes. <i>Electrophoresis</i> , 2011, 32, 1033-1043.	1.3	18
51	Reduction of protein concentration range difference followed by multicolumn fractionation prior to 2D and LC-MS/MS profiling of serum proteins. <i>Electrophoresis</i> , 2011, 32, 674-685.	1.3	17
52	Mixed ligand monolithic columns for reversed-phase capillary electrochromatography via hydrophobic and $\pi$ - $\pi$ interactions. <i>Electrophoresis</i> , 2011, 32, 1044-1053.	1.3	12
53	Electrophoretic and electrochromatographic separation of proteins in capillaries: An update covering 2007-2009. <i>Electrophoresis</i> , 2010, 31, 174-191.	1.3	119
54	Naphthyl methacrylate-based monolithic column for RP-CEC via hydrophobic and $\pi$ - $\pi$ interactions. <i>Electrophoresis</i> , 2010, 31, 991-1002.	1.3	26

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55	A novel, neutral hydroxylated octadecyl acrylate monolith with fast electroosmotic flow velocity and its application to the separation of various solutes including peptides and proteins in the absence of electrostatic interactions. <i>Electrophoresis</i> , 2010, 31, 3192-3199.	1.3	25
56	Naphthyl methacrylate-phenylene diacrylate-based monolithic column for reversed-phase capillary electrochromatography via hydrophobic and $\pi$ - $\pi$ interactions. <i>Electrophoresis</i> , 2010, 31, 3200-3206.	1.3	20
57	Liquid-phase-based separation systems for depletion, prefractionation and enrichment of proteins in biological fluids for in-depth proteomics analysis. <i>Electrophoresis</i> , 2009, 30, 249-261.	1.3	45
58	Neutral polar methacrylate-based monoliths for normal phase nano-LC and CEC of polar species including N-glycans. <i>Journal of Separation Science</i> , 2009, 32, 10-20.	1.3	43
59	Monolithic silica capillary columns having immobilized lectins and surface bound polar functionalities for lectin affinity and normal phase nano-LC and CEC of glycoconjugates, respectively. <i>Journal of Separation Science</i> , 2009, 32, 1642-1653.	1.3	24
60	Multicolumn Separation Platform for Simultaneous Depletion and Prefractionation Prior to 2-DE for Facilitating In-Depth Serum Proteomics Profiling. <i>Journal of Proteome Research</i> , 2009, 8, 4592-4603.	1.8	20
61	Capillary electrophoresis of some free fatty acids using partially aqueous electrolyte systems and indirect UV detection. Application to the analysis of oleic and linoleic acids in peanut breeding lines. <i>Journal of Separation Science</i> , 2008, 31, 2667-2676.	1.3	17
62	Neutral octadecyl monolith for reversed phase capillary electrochromatography of a wide range of solutes. <i>Journal of Separation Science</i> , 2008, 31, 2677-2685.	1.3	46
63	Micro-high-performance liquid chromatography platform for the depletion of high-abundance proteins and subsequent on-line concentration/capturing of medium and low-abundance proteins from serum. Application to profiling of protein expression in healthy and osteoarthritis sera by 2D gel electrophoresis. <i>Electrophoresis</i> , 2008, 29, 2801-2811.	1.3	5
64	Tandem Affinity Monolithic Microcolumns with Immobilized Protein A, Protein G, and Antibodies for Depletion of High Abundance Proteins from Serum Samples: An Integrated Microcolumn-Based Fluidic System for Simultaneous Depletion and Tryptic Digestion. <i>Journal of Proteome Research</i> , 2007, 6, 947-954.	1.8	41
65	Biospecific interaction (affinity) CEC and affinity nano-LC. <i>Electrophoresis</i> , 2007, 28, 89-98.	1.3	26
66	Two-Dimensional Microcolumn Separation Platform for Proteomics Consisting of On-Line Coupled Capillary Isoelectric Focusing and Capillary Electrochromatography. 1. Evaluation of the Capillary-Based Two-Dimensional Platform with Proteins, Peptides, and Human Serum. <i>Journal of Proteome Research</i> , 2006, 5, 2001-2008.	1.8	59
67	Affinity monolithic capillary columns for glycomics/proteomics: 1. Polymethacrylate monoliths with immobilized lectins for glycoprotein separation by affinity capillary electrochromatography and affinity nano-liquid chromatography in either a single column or columns coupled in series. <i>Electrophoresis</i> , 2006, 27, 1020-1030.	1.3	87
68	Capillary electrochromatography with monolithic silica columns. IV. Electrochromatographic characterization of polar bonded monolithic stationary phases having surface-bound cyano functionalities. <i>Journal of Separation Science</i> , 2006, 29, 2031-2037.	1.3	9
69	Capillary electrochromatography with monolithic silica columns. V. Study of the electrochromatographic behaviors of polar compounds on monolithic silica having surface bound cyano functionalities. <i>Journal of Separation Science</i> , 2006, 29, 2023-2030.	1.3	15
70	Affinity chromatography with monolithic capillary columns. <i>Journal of Chromatography A</i> , 2005, 1079, 236-245.	1.8	82
71	Capillary electrochromatography with monolithic stationary phases. 4. Preparation of neutral stearyl-acrylate monoliths and their evaluation in capillary electrochromatography of neutral and charged small species as well as peptides and proteins. <i>Electrophoresis</i> , 2005, 26, 1988-1995.	1.3	69
72	Capillary electrochromatography with monolithic silica columns. <i>Journal of Chromatography A</i> , 2004, 1029, 239-247.	1.8	62

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73	Recent advances in polymeric monolithic stationary phases for electrochromatography in capillaries and chips. <i>Electrophoresis</i> , 2004, 25, 4110-4119.	1.3	76
74	Affinity chromatography with monolithic capillary columns. <i>Journal of Chromatography A</i> , 2004, 1044, 177-186.	1.8	72
75	Silica-based monoliths for capillary electrochromatography: Methods of fabrication and their applications in analytical separations. <i>Electrophoresis</i> , 2003, 24, 3962-3976.	1.3	102
76	Capillary electrophoresis and fluorescence studies on molecular beacon-based variable length oligonucleotide target discrimination. <i>Electrophoresis</i> , 2003, 24, 70-77.	1.3	17
77	Capillary electrochromatography with monolithic silica column: I. Preparation of silica monoliths having surface-bound octadecyl moieties and their chromatographic characterization and applications to the separation of neutral and charged species. <i>Electrophoresis</i> , 2003, 24, 408-420.	1.3	62
78	Capillary electrochromatography with monolithic stationary phases. <i>Journal of Chromatography A</i> , 2003, 1013, 35-45.	1.8	85
79	Capillary electrochromatography with monolithic stationary phases. <i>Journal of Chromatography A</i> , 2003, 1013, 47-56.	1.8	54
80	Capillary electrochromatography with monolithic-silica columns. II. Preparation of amphiphilic silica monoliths having surface-bound cationic octadecyl moieties and their chromatographic characterization and application to the separation of proteins and other neutral and charged species. <i>Analyst</i> , The, 2003, 128, 1249.	1.7	40
81	Chapter 18 Capillary electrophoresis and electrochromatography of carbohydrates. <i>Journal of Chromatography Library</i> , 2002, , 597-676.	0.1	9
82	Chapter 2 Reversed-phase and hydrophobic interaction chromatography of carbohydrates and glycoconjugates. <i>Journal of Chromatography Library</i> , 2002, , 41-102.	0.1	16
83	Surfactant-mediated capillary electrochromatography with octadecyl-silica- packed capillary columns for the separation of nonpolar compounds. Case of pyrethroid insecticides. <i>Electrophoresis</i> , 2002, 23, 1217-1223.	1.3	14
84	Capillary electrochromatography with monolithic stationary phases: 1. Preparation of sulfonated stearyl acrylate monoliths and their electrochromatographic characterization with neutral and charged solutes. <i>Electrophoresis</i> , 2002, 23, 2938-2948.	1.3	114
85	Electrically driven microseparation methods for pesticides and metabolites Part VII: Capillary electrophoresis and electrochromatography of derivatized and underivatized phenol pesticidal metabolites. Preconcentration and laser induced fluorescence detection of dilute samples. <i>Journal of Separation Science</i> , 2002, 25, 1231-1244.	1.3	23
86	On-column trace enrichment by sequential frontal and elution electrochromatography. <i>Journal of Chromatography A</i> , 2002, 945, 267-279.	1.8	22
87	On-Column Trace Enrichment by Sequential Frontal and Elution Electrochromatography. 1. Application to Carbamate Insecticides. <i>Analytical Chemistry</i> , 2001, 73, 3365-3372.	3.2	41
88	Determination of Cellular Carbohydrates in Peanut Fungal Pathogens and Baker's Yeast by Capillary Electrophoresis and Electrochromatography. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 5265-5269.	2.4	27
89	Capillary electrochromatography with polyacrylamide monolithic stationary phases having bonded dodecyl ligands and sulfonic acid groups: Evaluation of column performance with alkyl phenyl ketones and neutral moderately polar pesticides. <i>Electrophoresis</i> , 2001, 22, 2593-2599.	1.3	63
90	Capillary electrophoresis and electrochromatography of pesticides and metabolites. <i>Electrophoresis</i> , 2001, 22, 4281-4293.	1.3	31

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91	Electrically driven microseparation methods for pesticides and metabolites: V. Micellar electrokinetic capillary chromatography of aniline pesticidal metabolites derivatized with fluorescein isothiocyanate and their detection in real water at low levels by laser-induced fluorescence. <i>Electrophoresis</i> , 2001, 22, 2312-2319.	1.3	23
92	Electrically driven microseparation methods for pesticides and metabolites: VI. Surfactant-mediated electrokinetic capillary chromatography of aniline pesticidal metabolites derivatized with 9-fluoroenylmethyl chloroformate and their detection by laser-induced fluorescence. <i>Electrophoresis</i> , 2001, 22, 2320-2326.	1.3	21
93	Electrically driven microseparation methods for pesticides and metabolites: III. Capillary electrochromatography with novel silica-based stationary phases having a surface-bound surfactant moiety. <i>Electrophoresis</i> , 2000, 21, 1977-1984.	1.3	30
94	Electrically driven microseparation methods for pesticides and metabolites: IV. Effects of the nature of fluorescent labels on the enantioseparation of pesticides and their degradation products by capillary zone electrophoresis with UV and laser-induced fluorescence detection. <i>Electrophoresis</i> , 2000, 21, 2043-2050.	1.3	13
95	Enantiomeric separation by capillary electrochromatography I. Chiral separation of dansyl amino acids and organochlorine pesticides on a diol-silica dynamically coated with hydroxypropyl- $\beta$ -cyclodextrin. <i>Electrophoresis</i> , 2000, 21, 3126-3134.	1.3	24
96	Enantiomeric separation by capillary electrochromatography II. Chiral separation of dansyl amino acids and phenoxy acid herbicides on sulfonated silica having surface-bound hydroxypropyl- $\beta$ -cyclodextrin. <i>Electrophoresis</i> , 2000, 21, 3135-3140.	1.3	34
97	Chiral glycosidic surfactants for enantiomeric separation in capillary electrophoresis. <i>Journal of Chromatography A</i> , 2000, 875, 207-233.	1.8	45
98	Capillary electrochromatography with novel stationary phases. <i>Journal of Chromatography A</i> , 2000, 887, 287-297.	1.8	29
99	ENANTIOSEPARATIONS BY CAPILLARY ELECTROPHORESIS USING CHIRAL GLYCOSIDIC SURFACTANTS. II. COMPARISON OF CHIRAL CYCLOHEXYL-ALKYL- $\beta$ -D-MALTOSE SURFACTANTS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2000, 23, 35-45.	0.5	5
100	High-Performance Liquid-Phase Separation of Glycosides Analytical and Micropreparative HPLC Combined with Spectroscopic and Enzymatic Methods for Generating a Glucosinolate Library. <i>Journal of AOAC INTERNATIONAL</i> , 1999, 82, 1115-1127.	0.7	12
101	Electrically Driven Microseparation Methods for Pesticides and Metabolites: I. Micellar Electrokinetic Capillary Chromatography of Carbamate Insecticides with MEGA-Borate and SDS Surfactants. <i>Journal of AOAC INTERNATIONAL</i> , 1999, 82, 1542-1549.	0.7	8
102	High-Performance Liquid-Phase Separation of Glycosides. III. Determination of Total Glucosinolates in Cabbage and Rapeseed by Capillary Electrophoresis via the Enzymatically Released Glucose. <i>Analytical Biochemistry</i> , 1999, 267, 92-99.	1.1	18
103	Capillary electrochromatography with segmented capillaries for controlling electroosmotic flow. <i>Electrophoresis</i> , 1999, 20, 18-23.	1.3	43
104	Capillary electrochromatography with novel stationary phases: II. Studies of the retention behavior of nucleosides and bases on capillaries packed with octadecyl-sulfonated-silica microparticles. <i>Electrophoresis</i> , 1999, 20, 31-36.	1.3	62
105	Electrically driven microseparation methods for pesticides and metabolites. II: On-line and off-line preconcentration of urea herbicides in capillary electrochromatography. <i>Electrophoresis</i> , 1999, 20, 2337-2342.	1.3	32
106	Enantioseparations by capillary electrophoresis using chiral glycosidic surfactants. I. Evaluation of cyclohexyl-pentyl- $\beta$ -D-maltoside surfactant. <i>Electrophoresis</i> , 1999, 20, 2766-2771.	1.3	9
107	Recent developments in capillary electrophoresis and capillary electrochromatography of carbohydrate species. <i>Electrophoresis</i> , 1999, 20, 3134-3144.	1.3	129
108	Capillary electrophoresis of glucosinolates and their degradation products. <i>Electrophoresis</i> , 1999, 20, 3181-3189.	1.3	18

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109	Capillary electrophoresis and electrochromatography of pesticides and metabolites. <i>Electrophoresis</i> , 1999, 20, 3280-3296.	1.3	58
110	High-Performance Liquid Phase Separation of Glycosides. 5. Determination of Individual Glucosinolates in Cabbage and Rapeseed by Laser-Induced Fluorescence Capillary Electrophoresis via the Enzymatically Released Isothiocyanate Aglycon. <i>Journal of Agricultural and Food Chemistry</i> , 1999, 47, 4267-4274.	2.4	15
111	Capillary Electrochromatography with Novel Stationary Phases. 3. Retention Behavior of Small and Large Nucleic Acids on Octadecyl-Sulfonated-Silica. <i>Analytical Chemistry</i> , 1999, 71, 3277-3282.	3.2	51
112	Capillary electrochromatography of derivatized mono- and oligosaccharides. <i>Electrophoresis</i> , 1998, 19, 2061-2067.	1.3	55
113	Capillary electrochromatography with novel stationary phases. I. Preparation and characterization of octadecyl-sulfonated silica. <i>Electrophoresis</i> , 1998, 19, 2068-2072.	1.3	72
114	Capillary zone electrophoresis of proteins with fused-silica capillaries having polymers and surfactants adsorbed onto surfactant moieties previously covalently bound to the capillary column surface. <i>Electrophoresis</i> , 1998, 19, 2278-2284.	1.3	15
115	High Performance Liquid Chromatography of Small and Large Molecules with Nonporous Silica-Based Stationary Phases. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1997, 20, 183-201.	0.5	7
116	High Performance Liquid Phase Separation of Glycosides. I. Reversed Phase Chromatography of Cyanogenic Glycosides with UV and Pulsed Amperometric Detection. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1997, 20, 335-349.	0.5	13
117	Capillary electrophoresis of herbicides: IV. Evaluation of octylmaltopyranoside chiral surfactant in the enantiomeric separation of fluorescently labeled phenoxy acid herbicides and their laser-induced fluorescence detection. <i>Electrophoresis</i> , 1997, 18, 220-226.	1.3	25
118	Comparison of alkylglycoside surfactants in enantioseparation by capillary electrophoresis. <i>Electrophoresis</i> , 1997, 18, 912-918.	1.3	23
119	Capillary electrophoresis of pesticides: V. analysis of pyrethroid insecticides via their hydrolysis products labeled with a fluorescing and UV absorbing tag for laser-induced fluorescence and UV detection. <i>Electrophoresis</i> , 1997, 18, 1173-1179.	1.3	24
120	Recent developments in capillary electrophoresis of carbohydrate species. <i>Electrophoresis</i> , 1997, 18, 2400-2407.	1.3	51
121	Capillary electrophoresis of pesticides. <i>Electrophoresis</i> , 1997, 18, 2465-2481.	1.3	63
122	Capillary Electrophoresis of Carboxylated Carbohydrates. <i>Analytical Biochemistry</i> , 1997, 244, 283-290.	1.1	49
123	Capillary electrophoresis of herbicides II. Evaluation of alkylglucoside chiral surfactants in the enantiomeric separation of phenoxy acid herbicides. <i>Journal of Chromatography A</i> , 1997, 757, 263-273.	1.8	52
124	Capillary electrophoresis of carboxylated carbohydrates. <i>Journal of Chromatography A</i> , 1997, 792, 75-82.	1.8	29
125	Capillary Electrophoresis of Herbicides. 1. Precolumn Derivatization of Chiral and Achiral Phenoxy Acid Herbicides with a Fluorescent Tag for Electrophoretic Separation in the Presence of Cyclodextrins and Micellar Phases. <i>Analytical Chemistry</i> , 1996, 68, 1771-1777.	3.2	100
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