

# Myriam Taverna

## List of Publications by Year in descending order

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151  
papers

4,017  
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145106

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a microfluidic droplet platform with an antibody-free magnetic-bead-based strategy for high through-put and efficient EVs isolation. <i>Talanta</i> , 2022, 249, 123625.	2.9	7
2	Lab-in-droplet: From glycan sample treatment toward diagnostic screening of congenital disorders of glycosylation. <i>Analytica Chimica Acta</i> , 2022, 1221, 340150.	2.6	5
3	Droplet-interfacing strategies in microscale electrophoresis for sample treatment, separation and quantification: A review. <i>Analytica Chimica Acta</i> , 2021, 1143, 281-297.	2.6	13
4	Recent Electrokinetic and Microfluidic Strategies for Detection of Amyloid Beta Peptide Biomarkers: Towards Molecular Diagnosis of Alzheimer's Disease. <i>Chemical Record</i> , 2021, 21, 149-161.	2.9	11
5	Recent electrokinetic strategies for isolation, enrichment and separation of extracellular vesicles. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 135, 116179.	5.8	11
6	Unraveling the Speciation of $\beta$ -Amyloid Peptides during the Aggregation Process by Taylor Dispersion Analysis. <i>Analytical Chemistry</i> , 2021, 93, 6523-6533.	3.2	19
7	Electroosmotic flow modulation for improved electrokinetic preconcentration: Application to capillary electrophoresis of fluorescent magnetic nanoparticles. <i>Analytica Chimica Acta</i> , 2021, 1161, 338466.	2.6	9
8	Analytical methods of antibody surface coverage and orientation on bio-functionalized magnetic beads: application to immunocapture of TNF- $\alpha$ . <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 6425-6434.	1.9	4
9	$\beta$ -Hairpin Peptide Mimics Decrease Human Islet Amyloid Polypeptide (hIAPP) Aggregation. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 729001.	1.8	6
10	High sensitivity capillary electrophoresis with fluorescent detection for glycan mapping. <i>Journal of Chromatography A</i> , 2021, 1657, 462593.	1.8	10
11	Modular instrumentation for capillary electrophoresis with laser induced fluorescence detection using plug-and-play microfluidic, electrophoretic and optic modules. <i>Analytica Chimica Acta</i> , 2020, 1135, 47-54.	2.6	19
12	On-line enrichment of N-glycans by immobilized metal-affinity monolith for capillary electrophoresis analysis. <i>Analytica Chimica Acta</i> , 2020, 1134, 1-9.	2.6	11
13	Electrokinetic characterization of extracellular vesicles with capillary electrophoresis: A new tool for their identification and quantification. <i>Analytica Chimica Acta</i> , 2020, 1128, 42-51.	2.6	33
14	Capillary Electrophoresis-Mass Spectrometry at Trial by Metabo-Ring: Effective Electrophoretic Mobility for Reproducible and Robust Compound Annotation. <i>Analytical Chemistry</i> , 2020, 92, 14103-14112.	3.2	44
15	Helical $\beta$ -Peptide Foldamers as Dual Inhibitors of Amyloid $\beta$ Peptide and Islet Amyloid Polypeptide Oligomerization and Fibrillization. <i>Chemistry - A European Journal</i> , 2020, 26, 14612-14622.	1.7	17
16	Evidence for different in vitro oligomerization behaviors of synthetic hIAPP obtained from different sources. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 3103-3111.	1.9	4
17	Investigation of monoclonal antibody dimers in a final formulated drug by separation techniques coupled to native mass spectrometry. <i>MAbs</i> , 2020, 12, e1781743.	2.6	19
18	Impairment of Glycolysis-Derived l-Serine Production in Astrocytes Contributes to Cognitive Deficits in Alzheimer's Disease. <i>Cell Metabolism</i> , 2020, 31, 503-517.e8.	7.2	160

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19	Conformation assessment of therapeutic monoclonal antibodies by SEC-MS: Unravelling analytical biases for application to quality control. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 185, 113252.	1.4	2
20	Efficient extraction of intact HSA-A $\beta$ peptide complexes from sera: Toward albuminome biomarker identification. <i>Talanta</i> , 2020, 216, 121002.	2.9	4
21	Capillary zone electrophoresis-native mass spectrometry for the quality control of intact therapeutic monoclonal antibodies. <i>Journal of Chromatography A</i> , 2019, 1601, 375-384.	1.8	27
22	A fresh look into background electrolyte selection for capillary electrophoresis-laser induced fluorescence of peptides and proteins. <i>Electrophoresis</i> , 2019, 40, 2618-2624.	1.3	15
23	Antibody-free detection of amyloid beta peptides biomarkers in cerebrospinal fluid using capillary isotachopheresis coupled with mass spectrometry. <i>Journal of Chromatography A</i> , 2019, 1601, 350-356.	1.8	16
24	In-capillary immuno-preconcentration with circulating bio-functionalized magnetic beads for capillary electrophoresis. <i>Analytica Chimica Acta</i> , 2019, 1062, 156-164.	2.6	10
25	Microchip Electrophoresis with Respect to Profiling of A $\beta$ Peptides in the Cerebrospinal Fluid of Patients with Alzheimer's Disease. <i>Methods in Molecular Biology</i> , 2019, 1855, 327-340.	0.4	4
26	Online Preconcentration in Capillaries by Multiple Large-Volume Sample Stacking: An Alternative to Immunoassays for Quantification of Amyloid Beta Peptides Biomarkers in Cerebrospinal Fluid. <i>Analytical Chemistry</i> , 2018, 90, 2555-2563.	3.2	25
27	On-a-chip tryptic digestion of transthyretin: a step toward an integrated microfluidic system for the follow-up of familial transthyretin amyloidosis. <i>Analyst</i> , The, 2018, 143, 1077-1086.	1.7	8
28	Single-step immunoassays and microfluidic droplet operation: Towards a versatile approach for detection of amyloid- $\beta$ peptide-based biomarkers of Alzheimer's disease. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 2126-2135.	4.0	53
29	A capillary zone electrophoresis method for detection of Apolipoprotein C-III glycoforms and other related artifactually modified species. <i>Journal of Chromatography A</i> , 2018, 1532, 238-245.	1.8	13
30	A capillary zone electrophoresis method to investigate the oligomerization of the human Islet Amyloid Polypeptide involved in Type 2 Diabetes. <i>Journal of Chromatography A</i> , 2018, 1578, 83-90.	1.8	6
31	Structure-activity relationships of $\beta$ -hairpin mimics as modulators of amyloid $\beta$ -peptide aggregation. <i>European Journal of Medicinal Chemistry</i> , 2018, 154, 280-293.	2.6	15
32	Characterization of nanomedicines surface coverage using molecular probes and capillary electrophoresis. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 130, 48-58.	2.0	8
33	A lab-on-a-chip for monolith-based preconcentration and electrophoresis separation of phosphopeptides. <i>Analyst</i> , The, 2017, 142, 485-494.	1.7	19
34	Solid supports for extraction and preconcentration of proteins and peptides in microfluidic devices: A review. <i>Analytica Chimica Acta</i> , 2017, 955, 1-26.	2.6	33
35	Microscope-assisted UV-initiated preparation of well-defined porous polymer monolithic plugs in glass microchips for peptide preconcentration. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 2155-2162.	1.9	8
36	Hydrophilic interaction liquid chromatography for dalargin separation from its structural analogues and side products. <i>Journal of Chromatography A</i> , 2017, 1498, 155-162.	1.8	8

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37	Synthesis and Characterization of Hairpin Mimics that Modulate the Early Oligomerization and Fibrillization of Amyloid $\beta$ -Peptide. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2971-2980.	1.2	12
38	In vitro monitoring of amyloid $\beta$ -peptide oligomerization by Electrospray differential mobility analysis: An alternative tool to evaluate Alzheimer's disease drug candidates. <i>Talanta</i> , 2017, 165, 84-91.	2.9	12
39	Polysaccharide-coated liposomes by post-insertion of a hyaluronan-lipid conjugate. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 158, 119-126.	2.5	32
40	$\beta$ -Hairpin mimics containing a piperidine-pyrrolidine scaffold modulate the $\beta$ -amyloid aggregation process preserving the monomer species. <i>Chemical Science</i> , 2017, 8, 1295-1302.	3.7	39
41	Antithrombin is not protective against renal ischaemia-reperfusion injury. <i>Thrombosis and Haemostasis</i> , 2017, 117, 422-425.	1.8	0
42	A capillary zone electrophoresis method to detect conformers and dimers of antithrombin in therapeutic preparations. <i>Electrophoresis</i> , 2016, 37, 1696-1703.	1.3	8
43	Dyneon THV, a fluorinated thermoplastic as a novel material for microchip capillary electrophoresis. <i>Analyst</i> , 2016, 141, 5776-5783.	1.7	11
44	Quality Control of Therapeutic Monoclonal Antibodies at the Hospital After Their Compounding and Before Their Administration to Patients. <i>Methods in Molecular Biology</i> , 2016, 1466, 179-184.	0.4	3
45	Characterization of Chemical and Physical Modifications of Human Serum Albumin by Capillary Zone Electrophoresis. <i>Methods in Molecular Biology</i> , 2016, 1466, 151-163.	0.4	0
46	Characterization of conformers and dimers of antithrombin by capillary electrophoresis-quadrupole-time-of-flight mass spectrometry. <i>Analytica Chimica Acta</i> , 2016, 947, 58-65.	2.6	21
47	Capillary electrophoretic focusing of covalently derivatized protein induced by surfactant. <i>Electrophoresis</i> , 2016, 37, 1151-1154.	1.3	3
48	High-throughput identification of monoclonal antibodies after compounding by UV spectroscopy coupled to chemometrics analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 5915-5924.	1.9	11
49	Multiple capillary isotachopheresis with repetitive hydrodynamic injections for performance improvement of the electromigration preconcentration. <i>Journal of Chromatography A</i> , 2016, 1453, 116-123.	1.8	18
50	A neutral polyacrylate copolymer coating for surface modification of thiol-ene microchannels for improved performance of protein separation by microchip electrophoresis. <i>Mikrochimica Acta</i> , 2016, 183, 2111-2121.	2.5	18
51	Designed Glycopeptidomimetics Disrupt Protein-Protein Interactions Mediating Amyloid $\beta$ -Peptide Aggregation and Restore Neuroblastoma Cell Viability. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 2025-2040.	2.9	37
52	An integrated microfluidic chip for immunocapture, preconcentration and separation of $\beta$ -amyloid peptides. <i>Biomicrofluidics</i> , 2015, 9, 054117.	1.2	35
53	Capillary electrophoresis for rapid identification of monoclonal antibodies for routine application in hospital. <i>Electrophoresis</i> , 2015, 36, 2050-2056.	1.3	17
54	A new strategy for simultaneous synthesis and efficient anchorage of polymer monoliths in native PDMS microchips. <i>Polymer</i> , 2015, 66, 249-258.	1.8	15

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55	Study of Surface Charge Instabilities by EOF Measurements on a Chip: A Real-Time Hysteresis and Peptide Adsorption Based Methodology. <i>Langmuir</i> , 2015, 31, 10318-10325.	1.6	1
56	Magneto-immunocapture with on-bead fluorescent labeling of amyloid- $\beta^2$ peptides: towards a microfluidized-bed-based operation. <i>Analyst</i> , The, 2015, 140, 5891-5900.	1.7	26
57	A fast capillary electrophoresis method to assess the binding affinity of recombinant antithrombin toward heparin directly from cell culture supernatants. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 111, 64-70.	1.4	7
58	Supramolecular Organization and siRNA Binding of Hyaluronic Acid-Coated Lipoplexes for Targeted Delivery to the CD44 Receptor. <i>Langmuir</i> , 2015, 31, 11186-11194.	1.6	36
59	Derivatization strategies for CE-LIF analysis of biomarkers: Toward a clinical diagnostic of familial transthyretin amyloidosis. <i>Electrophoresis</i> , 2014, 35, 1050-1059.	1.3	13
60	An improved capillary electrophoresis method for in vitro monitoring of the challenging early steps of A $\beta^{42}$ peptide oligomerization: Application to anti-Alzheimer's drug discovery. <i>Electrophoresis</i> , 2014, 35, 3302-3309.	1.3	28
61	Neutral polymers as coatings for high resolution electrophoretic separation of A $\beta$ peptides on glass microchips. <i>Analyst</i> , The, 2014, 139, 6547-6555.	1.7	13
62	Poly(glycidyl methacrylate)/silver nanocomposite microspheres as a radioiodine scavenger: Electrophoretic characterisation of carboxyl- and amine-modified particles. <i>Journal of Colloid and Interface Science</i> , 2014, 421, 146-153.	5.0	13
63	A microdevice for parallelized pulmonary permeability studies. <i>Biomedical Microdevices</i> , 2014, 16, 277-285.	1.4	10
64	Structure-activity relationships of sugar-based peptidomimetics as modulators of amyloid $\beta^2$ -peptide early oligomerization and fibrillization. <i>European Journal of Medicinal Chemistry</i> , 2014, 86, 752-758.	2.6	24
65	Suppression of Apparent Fluid Flow in Capillary Isotachophoresis without Recourse to Capillary Coating. <i>Analytical Chemistry</i> , 2014, 86, 3317-3322.	3.2	11
66	Improved electrochemical detection of a transthyretin synthetic peptide in the nanomolar range with a two-electrode system integrated in a glass/PDMS microchip. <i>Lab on A Chip</i> , 2014, 14, 2800-2805.	3.1	21
67	Monodisperse Carboxyl-Functionalized Poly(Ethylene Glycol)-Coated Magnetic Poly(Glycidyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Bioscience, 2014, 14, 1590-1599.	2.1	16
68	Chemical Engineering of Self-Assembled Alzheimer's Peptide on a Silanized Silicon Surface. <i>Langmuir</i> , 2014, 30, 5863-5872.	1.6	9
69	Specific antioxidant properties of human serum albumin. <i>Annals of Intensive Care</i> , 2013, 3, 4.	2.2	303
70	Online capillary electrophoresis derivatization method for high sensitivity analysis of ubiquitin in filtered cerebrospinal fluid. <i>Electrophoresis</i> , 2013, 34, 2733-2739.	1.3	6
71	Capillary zone electrophoresis and capillary electrophoresis-mass spectrometry for analyzing qualitative and quantitative variations in therapeutic albumin. <i>Analytica Chimica Acta</i> , 2013, 800, 103-110.	2.6	33
72	Contribution of CE to the Analysis of Protein or Peptide Biomarkers. <i>Methods in Molecular Biology</i> , 2013, 984, 167-190.	0.4	6

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73	A new controlled concept of immune-sensing platform for specific detection of Alzheimer's biomarkers. <i>Biosensors and Bioelectronics</i> , 2013, 40, 329-335.	5.3	40
74	A chemically-modified inactive antithrombin as a potent antagonist of fondaparinux and heparin anticoagulant activity. <i>Journal of Thrombosis and Haemostasis</i> , 2013, 11, 1128-1136.	1.9	11
75	Development of a magnetic immunosorbent for on-chip preconcentration of amyloid $\beta^2$ isoforms: Representatives of Alzheimer's disease biomarkers. <i>Biomicrofluidics</i> , 2012, 6, 024126.	1.2	29
76	Hyaluronic acid-bearing lipoplexes: Physico-chemical characterization and in vitro targeting of the CD44 receptor. <i>Journal of Controlled Release</i> , 2012, 162, 545-552.	4.8	95
77	Electrophoretic mobility measurement by laser Doppler velocimetry and capillary electrophoresis of micrometric fluorescent polystyrene beads. <i>Analytical Methods</i> , 2012, 4, 183-189.	1.3	5
78	PEGylated Nanoparticles Bind to and Alter Amyloid-Beta Peptide Conformation: Toward Engineering of Functional Nanomedicines for Alzheimer's Disease. <i>ACS Nano</i> , 2012, 6, 5897-5908.	7.3	164
79	Microchip Electrophoresis, with Respect to $\beta$ -Profiling of $A\beta^2$ Peptides in the Cerebrospinal Fluid of Patients with Alzheimer's Disease. <i>Methods in Molecular Biology</i> , 2012, 869, 173-184.	0.4	6
80	Analysis of Amyloid- $\beta^2$ Peptides in Cerebrospinal Fluid Samples by Capillary Electrophoresis Coupled with LIF Detection. <i>Analytical Chemistry</i> , 2011, 83, 1696-1703.	3.2	31
81	First peptide/protein PEGylation with functional polymers designed by nitroxide-mediated polymerization. <i>Polymer Chemistry</i> , 2011, 2, 1523.	1.9	68
82	Colloidal properties of biodegradable nanoparticles influence interaction with amyloid- $\beta^2$ peptide. <i>Journal of Biotechnology</i> , 2011, 156, 338-340.	1.9	19
83	Selegiline-functionalized, PEGylated poly(alkyl cyanoacrylate) nanoparticles: Investigation of interaction with amyloid- $\beta^2$ peptide and surface reorganization. <i>International Journal of Pharmaceutics</i> , 2011, 416, 453-460.	2.6	25
84	Hexylacrylate-based mixed-mode monolith, a stationary phase for the nano-HPLC separation of structurally related enkephalins. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 459-468.	1.9	11
85	A new CZE method for profiling human serum albumin and its related forms to assess the quality of biopharmaceuticals. <i>Electrophoresis</i> , 2011, 32, 292-299.	1.3	13
86	In-line coupling SPE and CE for DNA preconcentration and separation. <i>Electrophoresis</i> , 2011, 32, 1623-1630.	1.3	9
87	Analysis of Intact Glycoprotein Biopharmaceuticals by Capillary Electrophoresis. , 2011, , 173-204.		3
88	Nanoparticles against Alzheimer's disease: PEG-PACA nanoparticles are able to link the $a\beta^2$ -peptide and influence its aggregation kinetic. <i>Journal of Controlled Release</i> , 2010, 148, e112-e113.	4.8	12
89	Recent innovations in protein separation on microchips by electrophoretic methods: An update. <i>Electrophoresis</i> , 2010, 31, 147-173.	1.3	60
90	A quantitative CE method to analyse tau protein isoforms using coated fused silica capillaries. <i>Journal of Separation Science</i> , 2010, 33, 1090-1098.	1.3	12

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91	A validated capillary electrophoresis method to check for batch-to-batch consistency during recombinant human glycosylated interleukin-7 production campaigns. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 51, 882-888.	1.4	10
92	High performance liquid chromatography separation of structurally related enkephalins on quaternary ammonium-embedded stationary phase in isocratic mode. <i>Journal of Chromatography A</i> , 2010, 1217, 450-458.	1.8	18
93	New Method Based on Capillary Electrophoresis with Laser-Induced Fluorescence Detection (CE-LIF) to Monitor Interaction between Nanoparticles and the Amyloid- $\beta$ Peptide. <i>Analytical Chemistry</i> , 2010, 82, 10083-10089.	3.2	50
94	Microchip Electrophoresis Profiling of $A\beta$ Peptides in the Cerebrospinal Fluid of Patients with Alzheimer's Disease. <i>Analytical Chemistry</i> , 2010, 82, 7611-7617.	3.2	39
95	CZE for glycoform profiling and quality assessment of recombinant human interleukin-7. <i>Electrophoresis</i> , 2009, 30, 2347-2354.	1.3	8
96	Retention mechanism of peptides on a stationary phase embedded with a quaternary ammonium group: A liquid chromatography study. <i>Journal of Chromatography A</i> , 2009, 1216, 3244-3251.	1.8	45
97	Recent innovations in protein separation on microchips by electrophoretic methods. <i>Electrophoresis</i> , 2008, 29, 157-178.	1.3	50
98	On-chip tryptic digest with direct coupling to ESI-MS using magnetic particles. <i>Electrophoresis</i> , 2008, 29, 4944-4947.	1.3	32
99	Highly cytotoxic and neurotoxic acetogenins of the Annonaceae: New putative biological targets of squamocin detected by activity-based protein profiling. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 5741-5744.	1.0	22
100	Simultaneous analysis by capillary electrophoresis of five amyloid peptides as potential biomarkers of Alzheimer's disease. <i>Journal of Chromatography A</i> , 2008, 1214, 157-164.	1.8	39
101	Capillary zone electrophoresis method for the determination of famotidine and related impurities in pharmaceuticals. <i>Talanta</i> , 2008, 74, 694-698.	2.9	29
102	Controlled proteolysis of normal and pathological prion protein in a microfluidic chip. <i>Lab on A Chip</i> , 2008, 8, 294.	3.1	47
103	Translocation of Poly(ethylene glycol-co-hexadecyl)cyanoacrylate Nanoparticles into Rat Brain Endothelial Cells: A Role of Apolipoproteins in Receptor-Mediated Endocytosis. <i>Biomacromolecules</i> , 2007, 8, 793-799.	2.6	172
104	LIF detection of peptides and proteins in CE. <i>Electrophoresis</i> , 2007, 28, 208-232.	1.3	90
105	Analysis of plasma protein adsorption onto PEGylated nanoparticles by complementary methods: 2-DE, CE and Protein Lab-on-chip <sup>®</sup> system. <i>Electrophoresis</i> , 2007, 28, 2252-2261.	1.3	135
106	Determination of binding constants of vasoactive intestinal peptide to poly(amidoamine) dendrimers designed for drug delivery using ACE. <i>Electrophoresis</i> , 2007, 28, 2191-2200.	1.3	16
107	Chromatographic behaviour of peptides on a mixed-mode stationary phase with an embedded charged group by capillary electrochromatography and high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2006, 1136, 221-225.	1.8	25
108	Fluorescent detection of peptides and amino acids for capillary electrophoresis via on-line derivatization with 4-fluoro-7-nitro-2,1,3-benzoxadiazole. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 1387-1394.	1.9	35

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109	Selection of two reliable parameters to evaluate the impact of the mobile-phase composition on capillary electrochromatography performance with monolithic and particle-packed capillary columns. <i>Electrophoresis</i> , 2006, 27, 757-767.	1.3	13
110	Poly(N,N-dimethylacrylamide)-grafted polyacrylamide: A self-coating copolymer for sieving separation of native proteins by CE. <i>Electrophoresis</i> , 2006, 27, 3086-3092.	1.3	33
111	Simple sensitive and simultaneous high-performance liquid chromatography method of glucoconjugated and non-glucoconjugated porphyrins and chlorins using near infra-red fluorescence detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 821, 166-172.	1.2	4
112	In-capillary non-covalent labeling of insulin and one gastrointestinal peptide for their analyses by capillary electrophoresis with laser-induced fluorescence detection. <i>Journal of Chromatography A</i> , 2005, 1087, 203-209.	1.8	11
113	Enhanced detection of seven glucoconjugated and hydroxylated porphyrins and chlorins by nonaqueous capillary electrophoresis combined with stacking. <i>Journal of Chromatography A</i> , 2005, 1068, 123-130.	1.8	20
114	Numerical simulation of the chromatographic process for direct ligand-macromolecule binding studies. <i>Journal of Chromatography A</i> , 2005, 1087, 95-103.	1.8	2
115	Poly(ethylene oxide) facilitates the characterization of an affinity between strongly basic proteins with DNA by affinity capillary electrophoresis. <i>Electrophoresis</i> , 2005, 26, 3105-3112.	1.3	48
116	Use of self assembled magnetic beads for on-chip protein digestion. <i>Lab on A Chip</i> , 2005, 5, 935.	3.1	114
117	Determination of binding constants of hydrophobically end-capped poly(ethylene glycol)s with $\beta$ -cyclodextrin by affinity capillary electrophoresis. <i>Journal of Chromatography A</i> , 2004, 1032, 159-164.	1.8	29
118	Resolution of 8-aminonaphthalene-1,3,6-trisulfonic acid-labeled glucose oligomers in polyacrylamide gel electrophoresis at low gel concentration. <i>Electrophoresis</i> , 2004, 25, 8-13.	1.3	2
119	Direct zonal liquid chromatographic method for the kinetic study of actinomycin-DNA binding. <i>Journal of Chromatography A</i> , 2004, 1042, 15-22.	1.8	5
120	In-capillary derivatization approach applied to the analysis of insulin by capillary electrophoresis with laser-induced fluorescence detection. <i>Journal of Chromatography A</i> , 2004, 1046, 271-276.	1.8	28
121	Retention behaviour of peptides in capillary electrochromatography using an embedded ammonium in dodecacyl stationary phase. <i>Journal of Chromatography A</i> , 2004, 1052, 181-189.	1.8	19
122	Separation of Protein Glycoforms by Capillary Electrophoresis. , 2003, 213, 163-196.		5
123	Chapter 20 Analysis of glycoproteins and their glycopeptide and glycan fragments by electrophoresis and capillary electrophoresis. <i>Journal of Chromatography Library</i> , 2002, , 691-785.	0.1	5
124	Analysis of Glycans of Recombinant Glycoproteins. , 2002, , 1-60.		2
125	A study of the binding between polymers and peptides, using affinity capillary electrophoresis, applied to polymeric drug delivery systems. <i>Electrophoresis</i> , 2002, 23, 938-944.	1.3	37
126	Analysis of intact heparin by capillary electrophoresis using short end injection configuration. <i>Biomedical Chromatography</i> , 2002, 16, 127-133.	0.8	18



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127	Performance evaluation of capillary surface treatments for peptide mapping by capillary zone electrophoresis. <i>Chromatographia</i> , 2001, 53, 563-570.	0.7	18
128	Routine o-glycan characterization in nutritional supplements – a comparison of analytical methods for the monitoring of the bovine kappa-casein macropeptide glycosylation. <i>Journal of Chromatography A</i> , 2001, 929, 151-163.	1.8	23
129	One-step capillary isoelectric focusing for the separation of the recombinant human immunodeficiency virus envelope glycoprotein glycoforms. <i>Journal of Chromatography A</i> , 2000, 866, 121-135.	1.8	31
130	A sensitive mapping strategy for monitoring the reproducibility of glycan processing in an HIV vaccine, RGP-160, expressed in a mammalian cell line. <i>Glycoconjugate Journal</i> , 2000, 17, 401-406.	1.4	6
131	Recent advances in the capillary electrophoresis of recombinant glycoproteins. <i>Analytica Chimica Acta</i> , 1999, 383, 137-156.	2.6	47
132	A multi-mode chromatographic method for the comparison of the N-glycosylation of a recombinant HIV envelope glycoprotein (gp160s-MN/LAI) purified by two different processes. <i>Journal of Biotechnology</i> , 1999, 68, 37-48.	1.9	14
133	Comparison of native, alkylated and charged cyclodextrins for the chiral separation of labetalol stereoisomers by capillary electrophoresis. <i>Journal of Chromatography A</i> , 1998, 829, 341-349.	1.8	38
134	Electrophoretic methods for process monitoring and the quality assessment of recombinant glycoproteins. <i>Electrophoresis</i> , 1998, 19, 2572-2594.	1.3	49
135	Investigation of micelles and anionic cyclodextrins as pseudostationary phases for the capillary electrophoresis separation of oligosaccharides derivatized with 2-aminobenzamide. <i>Electrophoresis</i> , 1998, 19, 2630-2638.	1.3	27
136	Physicochemical Characterization of Different Batches of Ethylated $\beta$ -Cyclodextrins. <i>Journal of Pharmaceutical Sciences</i> , 1997, 86, 1051-1056.	1.6	8
137	Capillary electrophoresis of glycosaminoglycan-derived disaccharides: Application to stability studies of glycosaminoglycan chitosan complexes. <i>Electrophoresis</i> , 1997, 18, 745-750.	1.3	15
138	Stability of orosomucoid-coated polyisobutylcyanoacrylate nanoparticles in the presence of serum. <i>Journal of Controlled Release</i> , 1996, 40, 157-168.	4.8	29
139	Determination of the binding constant of salbutamol to unmodified and ethylated cyclodextrins by affinity capillary electrophoresis. <i>Journal of Chromatography A</i> , 1996, 735, 321-331.	1.8	48
140	Analysis of Serum Proteins by Micellar Electrokinetic Capillary Chromatography. Application to a Drug Carrier Evaluation. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1996, 19, 3333-3353.	0.5	8
141	N-glycosylation site mapping of recombinant tissue plasminogen activator by micellar electrokinetic capillary chromatography. <i>Biomedical Chromatography</i> , 1995, 9, 59-67.	0.8	16
142	Preparation and characterization of biodegradable poly(isobutylcyano acrylate) nanoparticles with the surface modified by the adsorption of proteins. <i>Colloids and Surfaces B: Biointerfaces</i> , 1995, 4, 349-356.	2.5	18
143	Capillary electrophoresis monitoring of the competitive adsorption of albumin onto the orosomucoid-coated polyisobutylcyanoacrylate nanoparticles. <i>Electrophoresis</i> , 1994, 15, 234-239.	1.3	13
144	Fosfomycin determination in serum by capillary zone electrophoresis with indirect ultraviolet detection. <i>Biomedical Applications</i> , 1993, 616, 311-316.	1.7	34

#	ARTICLE	IF	CITATIONS
145	Determination of alkylphosphonic acids by capillary zone electrophoresis using indirect UV detection. <i>Journal of Chromatography A</i> , 1993, 630, 371-377.	1.8	50
146	Analysis of neutral and sialylated N-linked oligosaccharides by micellar electrokinetic capillary chromatography with addition of a divalent cation. <i>Chromatographia</i> , 1993, 37, 415-422.	0.7	21
147	Analysis of carbohydrate-mediated heterogeneity and characterization of N-linked oligosaccharides of glycoproteins by high performance capillary electrophoresis. <i>Electrophoresis</i> , 1992, 13, 359-366.	1.3	64
148	Liquid chromatographic method for the determination of the carbohydrate moiety of glycoproteins. <i>Journal of Chromatography A</i> , 1991, 558, 105-114.	1.8	11
149	Identification of monosaccharides by high-performance liquid chromatography using methanolysis and a light-scattering detector. <i>Journal of Chromatography A</i> , 1990, 514, 70-79.	1.8	10
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