

Myriam Taverna

List of Publications by Year in descending order

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151
papers

4,017
citations

126907

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docs citations

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times ranked

4853
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.	5.5	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.	5.4	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.	5.4	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.	5.8	11
5	Recent electrokinetic strategies for isolation, enrichment and separation of extracellular vesicles. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 135, 116179.	11.4	11
6	Unraveling the Speciation of $\text{A}\beta$ -Amyloid Peptides during the Aggregation Process by Taylor Dispersion Analysis. <i>Analytical Chemistry</i> , 2021, 93, 6523-6533.	6.5	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.	5.4	9
8	Analytical methods of antibody surface coverage and orientation on bio-functionalized magnetic beads: application to immunocapture of TNF- α . <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 6425-6434.	3.7	4
9	$\text{A}\beta$ -Hairpin Peptide Mimics Decrease Human Islet Amyloid Polypeptide (hIAPP) Aggregation. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 729001.	3.7	6
10	High sensitivity capillary electrophoresis with fluorescent detection for glycan mapping. <i>Journal of Chromatography A</i> , 2021, 1657, 462593.	3.7	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.	5.4	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.	5.4	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.	5.4	33
14	Capillary Electrophoresis-Mass Spectrometry at Tri-Lite by Metabo-Ring: Effective Electrophoretic Mobility for Reproducible and Robust Compound Annotation. <i>Analytical Chemistry</i> , 2020, 92, 14103-14112.	6.5	44
15	Helical $\text{A}\beta$ -Peptide Foldamers as Dual Inhibitors of Amyloid $\text{A}\beta$ Peptide and Islet Amyloid Polypeptide Oligomerization and Fibrillization. <i>Chemistry - A European Journal</i> , 2020, 26, 14612-14622.	3.3	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.	3.7	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.	5.2	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.	16.2	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.	2.8	2
20	Efficient extraction of intact HSA-A β ² peptide complexes from sera: Toward albuminome biomarker identification. <i>Talanta</i> , 2020, 216, 121002.	5.5	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.	3.7	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.	2.4	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.	3.7	16
24	In-capillary immuno-preconcentration with circulating bio-functionalized magnetic beads for capillary electrophoresis. <i>Analytica Chimica Acta</i> , 2019, 1062, 156-164.	5.4	10
25	“Microchip Electrophoresis,” with Respect to “Profiling of A β Peptides in the Cerebrospinal Fluid of Patients with Alzheimer’s Disease”, <i>Methods in Molecular Biology</i> , 2019, 1855, 327-340.	0.9	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.	6.5	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.	3.5	8
28	Single-step immunoassays and microfluidic droplet operation: Towards a versatile approach for detection of amyloid- β peptide-based biomarkers of Alzheimer’s disease. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 2126-2135.	7.8	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.	3.7	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.	3.7	6
31	Structure-activity relationships of β -hairpin mimics as modulators of amyloid β -peptide aggregation. <i>European Journal of Medicinal Chemistry</i> , 2018, 154, 280-293.	5.5	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.	4.3	8
33	A lab-on-a-chip for monolith-based preconcentration and electrophoresis separation of phosphopeptides. <i>Analyst</i> , The, 2017, 142, 485-494.	3.5	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.	5.4	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.	3.7	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.	3.7	8

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37	Synthesis and Characterization of Hairpin Mimics that Modulate the Early Oligomerization and Fibrillization of Amyloid β -Peptide. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2971-2980.	2.4	12
38	In vitro monitoring of amyloid β -peptide oligomerization by Electrospray differential mobility analysis: An alternative tool to evaluate Alzheimer's disease drug candidates. <i>Talanta</i> , 2017, 165, 84-91.	5.5	12
39	Polysaccharide-coated liposomes by post-insertion of a hyaluronan-lipid conjugate. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 158, 119-126.	5.0	32
40	β -Hairpin mimics containing a piperidine-pyrrolidine scaffold modulate the β -amyloid aggregation process preserving the monomer species. <i>Chemical Science</i> , 2017, 8, 1295-1302.	7.4	39
41	Antithrombin is not protective against renal ischaemia-reperfusion injury. <i>Thrombosis and Haemostasis</i> , 2017, 117, 422-425.	3.4	0
42	A capillary zone electrophoresis method to detect conformers and dimers of antithrombin in therapeutic preparations. <i>Electrophoresis</i> , 2016, 37, 1696-1703.	2.4	8
43	Dyneon THV, a fluorinated thermoplastic as a novel material for microchip capillary electrophoresis. <i>Analyst</i> , 2016, 141, 5776-5783.	3.5	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.	0.9	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.	0.9	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.	5.4	21
47	Capillary electrophoretic focusing of covalently derivatized protein induced by surfactant. <i>Electrophoresis</i> , 2016, 37, 1151-1154.	2.4	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.	3.7	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.	3.7	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.	5.0	18
51	Designed Glycopeptidomimetics Disrupt Protein-Protein Interactions Mediating Amyloid β -Peptide Aggregation and Restore Neuroblastoma Cell Viability. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 2025-2040.	6.4	37
52	An integrated microfluidic chip for immunocapture, preconcentration and separation of β -amyloid peptides. <i>Biomicrofluidics</i> , 2015, 9, 054117.	2.4	35
53	Capillary electrophoresis for rapid identification of monoclonal antibodies for routine application in hospital. <i>Electrophoresis</i> , 2015, 36, 2050-2056.	2.4	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.	3.8	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.	3.5	1
56	Magneto-immunocapture with on-bead fluorescent labeling of amyloid- β^2 peptides: towards a microfluidized-bed-based operation. <i>Analyst</i> , The, 2015, 140, 5891-5900.	3.5	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.	2.8	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.	3.5	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.	2.4	13
60	An improved capillary electrophoresis method for in vitro monitoring of the challenging early steps of A β^{42} peptide oligomerization: Application to anti-Alzheimer's drug discovery. <i>Electrophoresis</i> , 2014, 35, 3302-3309.	2.4	28
61	Neutral polymers as coatings for high resolution electrophoretic separation of A β^2 peptides on glass microchips. <i>Analyst</i> , The, 2014, 139, 6547-6555.	3.5	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.	9.4	13
63	A microdevice for parallelized pulmonary permeability studies. <i>Biomedical Microdevices</i> , 2014, 16, 277-285.	2.8	10
64	Structure-activity relationships of sugar-based peptidomimetics as modulators of amyloid β^2 -peptide early oligomerization and fibrillization. <i>European Journal of Medicinal Chemistry</i> , 2014, 86, 752-758.	5.5	24
65	Suppression of Apparent Fluid Flow in Capillary Isotachopheresis without Recourse to Capillary Coating. <i>Analytical Chemistry</i> , 2014, 86, 3317-3322.	6.5	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.	6.0	21
67	Monodisperse Carboxyl-Functionalized Poly(Ethylene Glycol)-Coated Magnetic Poly(Glycidyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TF Bioscience, 2014, 14, 1590-1599.	4.1	16
68	Chemical Engineering of Self-Assembled Alzheimer's Peptide on a Silanized Silicon Surface. <i>Langmuir</i> , 2014, 30, 5863-5872.	3.5	9
69	Specific antioxidant properties of human serum albumin. <i>Annals of Intensive Care</i> , 2013, 3, 4.	4.6	303
70	Online capillary electrophoresis derivatization method for high sensitivity analysis of ubiquitin in filtered cerebrospinal fluid. <i>Electrophoresis</i> , 2013, 34, 2733-2739.	2.4	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.	5.4	33
72	Contribution of CE to the Analysis of Protein or Peptide Biomarkers. <i>Methods in Molecular Biology</i> , 2013, 984, 167-190.	0.9	6

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73	A new controlled concept of immune-sensing platform for specific detection of Alzheimer's biomarkers. Biosensors and Bioelectronics, 2013, 40, 329-335.	10.1	40
74	A chemically-modified inactive antithrombin as a potent antagonist of fondaparinux and heparin anticoagulant activity. Journal of Thrombosis and Haemostasis, 2013, 11, 1128-1136.	3.8	11
75	Development of a magnetic immunosorbent for on-chip preconcentration of amyloid β^2 isoforms: Representatives of Alzheimer's disease biomarkers. Biomicrofluidics, 2012, 6, 024126.	2.4	29
76	Hyaluronic acid-bearing lipoplexes: Physico-chemical characterization and in vitro targeting of the CD44 receptor. Journal of Controlled Release, 2012, 162, 545-552.	9.9	95
77	Electrophoretic mobility measurement by laser Doppler velocimetry and capillary electrophoresis of micrometric fluorescent polystyrene beads. Analytical Methods, 2012, 4, 183-189.	2.7	5
78	PEGylated Nanoparticles Bind to and Alter Amyloid-Beta Peptide Conformation: Toward Engineering of Functional Nanomedicines for Alzheimer's Disease. ACS Nano, 2012, 6, 5897-5908.	14.6	164
79	Microchip Electrophoresis, with Respect to "Profiling of $\text{A}\beta^2$ Peptides in the Cerebrospinal Fluid of Patients with Alzheimer's Disease". Methods in Molecular Biology, 2012, 869, 173-184.	0.9	6
80	Analysis of Amyloid- β^2 Peptides in Cerebrospinal Fluid Samples by Capillary Electrophoresis Coupled with LIF Detection. Analytical Chemistry, 2011, 83, 1696-1703.	6.5	31
81	First peptide/protein PEGylation with functional polymers designed by nitroxide-mediated polymerization. Polymer Chemistry, 2011, 2, 1523.	3.9	68
82	Colloidal properties of biodegradable nanoparticles influence interaction with amyloid- β^2 peptide. Journal of Biotechnology, 2011, 156, 338-340.	3.8	19
83	Selegiline-functionalized, PEGylated poly(alkyl cyanoacrylate) nanoparticles: Investigation of interaction with amyloid- β^2 peptide and surface reorganization. International Journal of Pharmaceutics, 2011, 416, 453-460.	5.2	25
84	Hexylacrylate-based mixed-mode monolith, a stationary phase for the nano-HPLC separation of structurally related enkephalins. Analytical and Bioanalytical Chemistry, 2011, 400, 459-468.	3.7	11
85	A new CZE method for profiling human serum albumin and its related forms to assess the quality of biopharmaceuticals. Electrophoresis, 2011, 32, 292-299.	2.4	13
86	In-line coupling SPE and CE for DNA preconcentration and separation. Electrophoresis, 2011, 32, 1623-1630.	2.4	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 $\text{A}\beta^2$ -peptide and influence its aggregation kinetic. Journal of Controlled Release, 2010, 148, e112-e113.	9.9	12
89	Recent innovations in protein separation on microchips by electrophoretic methods: An update. Electrophoresis, 2010, 31, 147-173.	2.4	60
90	A quantitative CE method to analyse tau protein isoforms using coated fused silica capillaries. Journal of Separation Science, 2010, 33, 1090-1098.	2.5	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.	2.8	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.	3.7	18
93	New Method Based on Capillary Electrophoresis with Laser-Induced Fluorescence Detection (CE-LIF) to Monitor Interaction between Nanoparticles and the Amyloid- β Peptide. <i>Analytical Chemistry</i> , 2010, 82, 10083-10089.	6.5	50
94	Microchip Electrophoresis Profiling of $\text{A}\beta$ Peptides in the Cerebrospinal Fluid of Patients with Alzheimer's Disease. <i>Analytical Chemistry</i> , 2010, 82, 7611-7617.	6.5	39
95	CZE for glycoform profiling and quality assessment of recombinant human interleukin-7. <i>Electrophoresis</i> , 2009, 30, 2347-2354.	2.4	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.	3.7	45
97	Recent innovations in protein separation on microchips by electrophoretic methods. <i>Electrophoresis</i> , 2008, 29, 157-178.	2.4	50
98	On-chip tryptic digest with direct coupling to ESI-MS using magnetic particles. <i>Electrophoresis</i> , 2008, 29, 4944-4947.	2.4	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.	2.2	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.	3.7	39
101	Capillary zone electrophoresis method for the determination of famotidine and related impurities in pharmaceuticals. <i>Talanta</i> , 2008, 74, 694-698.	5.5	29
102	Controlled proteolysis of normal and pathological prion protein in a microfluidic chip. <i>Lab on A Chip</i> , 2008, 8, 294.	6.0	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.	5.4	172
104	LIF detection of peptides and proteins in CE. <i>Electrophoresis</i> , 2007, 28, 208-232.	2.4	90
105	Analysis of plasma protein adsorption onto PEGylated nanoparticles by complementary methods: 2-DE, CE and Protein Lab-on-chip® system. <i>Electrophoresis</i> , 2007, 28, 2252-2261.	2.4	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.	2.4	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.	3.7	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.	3.7	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.	2.4	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.	2.4	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.	2.3	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.	3.7	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.	3.7	20
114	Numerical simulation of the chromatographic process for direct ligand-macromolecule binding studies. <i>Journal of Chromatography A</i> , 2005, 1087, 95-103.	3.7	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.	2.4	48
116	Use of self assembled magnetic beads for on-chip protein digestion. <i>Lab on A Chip</i> , 2005, 5, 935.	6.0	114
117	Determination of binding constants of hydrophobically end-capped poly(ethylene glycol)s with β -cyclodextrin by affinity capillary electrophoresis. <i>Journal of Chromatography A</i> , 2004, 1032, 159-164.	3.7	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.	2.4	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.	3.7	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.	3.7	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.	3.7	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.	2.4	37
126	Analysis of intact heparin by capillary electrophoresis using short end injection configuration. <i>Biomedical Chromatography</i> , 2002, 16, 127-133.	1.7	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.	1.3	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.	3.7	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.	3.7	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.	2.7	6
131	Recent advances in the capillary electrophoresis of recombinant glycoproteins. <i>Analytica Chimica Acta</i> , 1999, 383, 137-156.	5.4	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.	3.8	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.	3.7	38
134	Electrophoretic methods for process monitoring and the quality assessment of recombinant glycoproteins. <i>Electrophoresis</i> , 1998, 19, 2572-2594.	2.4	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.	2.4	27
136	Physicochemical Characterization of Different Batches of Ethylated β -Cyclodextrins. <i>Journal of Pharmaceutical Sciences</i> , 1997, 86, 1051-1056.	3.3	8
137	Capillary electrophoresis of glycosaminoglycan-derived disaccharides: Application to stability studies of glycosaminoglycan chitosan complexes. <i>Electrophoresis</i> , 1997, 18, 745-750.	2.4	15
138	Stability of orosomucoid-coated polyisobutylcyanoacrylate nanoparticles in the presence of serum. <i>Journal of Controlled Release</i> , 1996, 40, 157-168.	9.9	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.	3.7	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.	1.0	8
141	N-glycosylation site mapping of recombinant tissue plasminogen activator by micellar electrokinetic capillary chromatography. <i>Biomedical Chromatography</i> , 1995, 9, 59-67.	1.7	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.	5.0	18
143	Capillary electrophoresis monitoring of the competitive adsorption of albumin onto the orosomucoid-coated polyisobutylcyanoacrylate nanoparticles. <i>Electrophoresis</i> , 1994, 15, 234-239.	2.4	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

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145	Determination of alkylphosphonic acids by capillary zone electrophoresis using indirect UV detection. Journal of Chromatography A, 1993, 630, 371-377.	3.7	50
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