

Frantisek Foret

List of Publications by Year in descending order

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201
papers

8,583
citations

36303

51
h-index

53230

85
g-index

207
all docs

207
docs citations

207
times ranked

4925
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfluidic device integrating single-cell extraction and electrical lysis for mass spectrometry detection of intracellular compounds. <i>Electrophoresis</i> , 2023, 44, 313-322.	2.4	11
2	A novel temperature-controlled open source microcontroller based sampler for collection of exhaled breath condensate in point-of-care diagnostics. <i>Talanta</i> , 2022, 237, 122984.	5.5	6
3	Capillary electrophoretic methods for quality control analyses of pharmaceuticals: A review. <i>Electrophoresis</i> , 2021, 42, 19-37.	2.4	27
4	Electrospray: More than just an ionization source. <i>Electrophoresis</i> , 2021, 42, 103-121.	2.4	18
5	Application of capillary electrophoresis-nano-electrospray ionization-mass spectrometry for the determination of <i>N</i> -nitrosodimethylamine in pharmaceuticals. <i>Electrophoresis</i> , 2021, 42, 334-341.	2.4	8
6	Affiblot: a dot blot-based screening device for selection of reliable antibodies. <i>Analytical Methods</i> , 2021, 13, 3874-3884.	2.7	3
7	3D printed device for epitachophoresis. <i>Analytica Chimica Acta</i> , 2021, 1154, 338246.	5.4	4
8	High-resolution Arduino-based data acquisition devices for microscale separation systems. <i>Analytica Chimica Acta</i> , 2021, 1153, 338294.	5.4	10
9	Epitachophoresis is a novel versatile total nucleic acid extraction method. <i>Scientific Reports</i> , 2021, 11, 22736.	3.3	4
10	Multi-cationic aminopyrene-based labeling tags for oligosaccharide analysis by capillary electrophoresis-mass spectrometry. <i>Analytica Chimica Acta</i> , 2020, 1095, 226-232.	5.4	14
11	Analysis of bicarbonate, phosphate and other anions in saliva by capillary electrophoresis with capacitively coupled contactless conductivity detection in diagnostics of gastroesophageal reflux disease. <i>Electrophoresis</i> , 2020, 41, 116-122.	2.4	14
12	Practical sample pretreatment techniques coupled with capillary electrophoresis for real samples in complex matrices. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 122, 115702.	11.4	46
13	Application of capillary electrophoretic methods for the analysis of plant phloem and xylem saps composition: A review. <i>Journal of Separation Science</i> , 2020, 43, 271-284.	2.5	4
14	Photon-upconversion barcode for monitoring an enzymatic reaction with a fluorescence reporter in droplet microfluidics. <i>Analyst</i> , 2020, 145, 7718-7723.	3.5	4
15	Analysis of major bile acids in saliva samples of patients with Barrett's esophagus using high-performance liquid chromatography-electrospray ionization-mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1625, 461278.	3.7	10
16	Skin wipe test: A simple, inexpensive, and fast approach in the diagnosis of cystic fibrosis. <i>Pediatric Pulmonology</i> , 2020, 55, 1653-1660.	2.0	11
17	Evaluation of Important Analytical Parameters of the Peptest Immunoassay that Limit its Use in Diagnosing Gastroesophageal Reflux Disease. <i>Journal of Clinical Gastroenterology</i> , 2019, 53, 355-360.	2.2	11
18	Electrochemical Analysis of Glycoprotein Samples Prepared on a Pneumatically-controlled Microfluidic Device. <i>Electroanalysis</i> , 2019, 31, 1994-2000.	2.9	5

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19	Capillary electrophoretic analysis of ionic content in exhaled breath condensate and pH monitoring as a non-invasive method in gastroesophageal reflux disease diagnostics. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1134-1135, 121857.	2.3	4
20	Photon-Upconversion Barcoding with Multiple Barcode Channels: Application for Droplet Microfluidics. <i>Analytical Chemistry</i> , 2019, 91, 12630-12635.	6.5	11
21	Bi-Ligand Modification of Nanoparticles: An Effective Tool for Surface-Enhanced Raman Spectrometry in Salinated Environments. <i>Nanomaterials</i> , 2019, 9, 1259.	4.1	7
22	Optimization of background electrolyte composition for simultaneous contactless conductivity and fluorescence detection in capillary electrophoresis of biological samples. <i>Electrophoresis</i> , 2019, 40, 2390-2397.	2.4	9
23	Macrofluidic Device for Preparative Concentration Based on Electrophoresis. <i>Analytical Chemistry</i> , 2019, 91, 7047-7053.	6.5	15
24	Simple Fabrication of Structured Magnetic Metallic Nano-Platelets for Bio-Analytical Applications. <i>Micromachines</i> , 2019, 10, 106.	2.9	0
25	Microfabricated liquid junction hybrid capillary electrophoresis-mass spectrometry interface for fully automated operation. <i>Electrophoresis</i> , 2019, 40, 2263-2270.	2.4	23
26	Open source capillary electrophoresis. <i>Electrophoresis</i> , 2019, 40, 65-78.	2.4	27
27	Resistive pulse sensing as particle counting and sizing method in microfluidic systems: Designs and applications review. <i>Journal of Separation Science</i> , 2019, 42, 445-457.	2.5	32
28	Microfluidics and Miniaturization 2018. <i>Electrophoresis</i> , 2018, 39, 437-437.	2.4	1
29	Fast blood plasma separation device for point-of-care applications. <i>Talanta</i> , 2018, 183, 55-60.	5.5	24
30	Preparative concentration of nucleic acids fragments by capillary isotachophoretic analyzer. <i>Journal of Chromatography A</i> , 2018, 1548, 100-103.	3.7	11
31	Recent progress in nucleic acids isotachophoresis. <i>Journal of Separation Science</i> , 2018, 41, 236-247.	2.5	21
32	Multi-charged labeling of oligosaccharides and N-linked glycans by hexahistidine-based tags for capillary electrophoresis-mass spectrometry analysis. <i>Journal of Chromatography A</i> , 2018, 1560, 91-96.	3.7	16
33	Capillary electrophoresis, a method for the determination of nucleic acid ligands covalently attached to quantum dots representing a donor of Förster resonance energy transfer. <i>Journal of Separation Science</i> , 2018, 41, 2961-2968.	2.5	6
34	Investigation of a side reaction occurring during N-linked glycan labeling by cationic tags. <i>Journal of Chromatography A</i> , 2018, 1570, 67-74.	3.7	14
35	Upconversion nanoparticle bioconjugates characterized by capillary electrophoresis. <i>Electrophoresis</i> , 2018, 39, 2246-2252.	2.4	2
36	Capillary Electrophoretic Analysis of Exhaled Breath Condensate in the Diagnosis of Gastroesophageal Reflux Disease. <i>Hungarian Journal of Industrial Chemistry</i> , 2018, 46, 23-27.	0.3	3

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37	Bridged polysilsesquioxane-based wide-bore monolithic capillary columns for hydrophilic interaction chromatography. <i>Journal of Chromatography A</i> , 2017, 1479, 204-209.	3.7	15
38	Microfluidics and Miniaturization 2017. <i>Electrophoresis</i> , 2017, 38, 237-237.	2.4	0
39	Electrochemical analysis of Os(VI)-modified glycoproteins and label-free glycoprotein detection eluted from lectin capillary column. <i>Electrochimica Acta</i> , 2017, 239, 10-15.	5.2	11
40	Recent strategies toward microfluidic-based surface-enhanced Raman spectroscopy. <i>Electrophoresis</i> , 2017, 38, 1977-1987.	2.4	34
41	New approach for cystic fibrosis diagnosis based on chloride/potassium ratio analyzed in non-invasively obtained skin-wipe sweat samples by capillary electrophoresis with contactless conductometric detection. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 3507-3514.	3.7	18
42	Sensitive determination of malondialdehyde in exhaled breath condensate and biological fluids by capillary electrophoresis with laser induced fluorescence detection. <i>Talanta</i> , 2017, 169, 85-90.	5.5	20
43	An advanced conjugation strategy for the preparation of quantum dot-antibody immunoprobes. <i>Analytical Methods</i> , 2017, 9, 1991-1997.	2.7	16
44	Miniaturization and microfluidics. , 2017, , 619-636.		2
45	Non-aqueous capillary electrophoretic separation of cholesterol and 25-hydroxycholesterol after derivatization with Girard P reagent. <i>Chemistry and Physics of Lipids</i> , 2017, 207, 87-91.	3.2	6
46	Capillary electrophoresis in the analysis of biologically important thiols. <i>Electrophoresis</i> , 2017, 38, 203-222.	2.4	32
47	Fluid manipulation on the micro-scale: Basics of fluid behavior in microfluidics. <i>Journal of Separation Science</i> , 2017, 40, 383-394.	2.5	27
48	Characterization of a Porous Nano-electrospray Capillary Emitter at Ultra-low Flow Rates. <i>Journal of Chromatographic Science</i> , 2017, 55, 47-51.	1.4	21
49	Assessment of exhaled breath condensate for non-invasive diagnosis of gastroesophageal reflux disease. , 2017, , .		0
50	Microfluidics and Miniaturization 2016. <i>Electrophoresis</i> , 2016, 37, 391-391.	2.4	1
51	Enzymatic removal of N-glycans by PNGase F coated magnetic microparticles. <i>Electrophoresis</i> , 2016, 37, 1264-1269.	2.4	24
52	Interface-free capillary electrophoresis-mass spectrometry system with nanospray ionization—Analysis of dexrazoxane in blood plasma. <i>Journal of Chromatography A</i> , 2016, 1466, 173-179.	3.7	20
53	Self-aligning subatmospheric hybrid liquid junction electrospray interface for capillary electrophoresis. <i>Electrophoresis</i> , 2016, 37, 414-417.	2.4	17
54	Reproducible preparation of nanospray tips for capillary electrophoresis coupled to mass spectrometry using 3D printed grinding device. <i>Electrophoresis</i> , 2016, 37, 924-930.	2.4	41

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55	Phosphopeptide enrichment with inorganic nanofibers prepared by forcespinning technology. <i>Journal of Chromatography A</i> , 2016, 1427, 8-15.	3.7	10
56	Nanostructured gold deposited in gelatin template applied for electrochemical assay of glucose in serum. <i>Electrochimica Acta</i> , 2016, 188, 277-285.	5.2	34
57	Portable capillary electrophoresis instrument with contactless conductivity detection for on-site analysis of small volumes of biological fluids. <i>Journal of Chromatography A</i> , 2016, 1427, 177-185.	3.7	57
58	Metal nano-film resistivity chemical sensor. <i>Electrophoresis</i> , 2016, 37, 392-397.	2.4	2
59	Combination of on-line CE assay with MS detection for the study of drug metabolism by cytochromes P450. <i>Electrophoresis</i> , 2015, 36, 1365-1373.	2.4	11
60	Microfluidics and Miniaturization 2015. <i>Electrophoresis</i> , 2015, 36, 377-377.	2.4	0
61	Sample Preparation for N-Glycosylation Analysis of Therapeutic Monoclonal Antibodies by Electrophoresis. <i>Methods in Molecular Biology</i> , 2015, 1274, 183-195.	0.9	9
62	Droplet microfluidics in (bio)chemical analysis. <i>Analyst, The</i> , 2015, 140, 22-38.	3.5	122
63	Single-breath analysis using a novel simple sampler and capillary electrophoresis with contactless conductometric detection. <i>Electrophoresis</i> , 2015, 36, 526-533.	2.4	21
64	Determination of ζ -potential, charge, and number of organic ligands on the surface of water soluble quantum dots by capillary electrophoresis. <i>Electrophoresis</i> , 2015, 36, 867-874.	2.4	28
65	Sensitive determination of glutathione in biological samples by capillary electrophoresis with green (515nm) laser-induced fluorescence detection. <i>Journal of Chromatography A</i> , 2015, 1391, 102-108.	3.7	66
66	Etching of glass microchips with supercritical water. <i>Lab on A Chip</i> , 2015, 15, 311-318.	6.0	13
67	Monitoring the ionic content of exhaled breath condensate in various respiratory diseases by capillary electrophoresis with contactless conductivity detection. <i>Journal of Breath Research</i> , 2015, 9, 027107.	3.0	26
68	Capillary electrophoresis in an extended nanospray tip-electrospray as an electrophoretic column. <i>Journal of Chromatography A</i> , 2015, 1388, 274-279.	3.7	32
69	Rapid and simple preparation of thiol-ene emulsion-templated monoliths and their application as enzymatic microreactors. <i>Lab on A Chip</i> , 2015, 15, 2162-2172.	6.0	51
70	On benchmark problems, challenges, and competitions in electrokinetics—A review. <i>Electrophoresis</i> , 2015, 36, 1429-1431.	2.4	3
71	Macroporous cryogel based spin column with immobilized concanavalin A for isolation of glycoproteins. <i>Electrophoresis</i> , 2015, 36, 1344-1348.	2.4	11
72	Numerical modeling of capillary electrophoresis - electrospray mass spectrometry interface design. <i>Mass Spectrometry Reviews</i> , 2015, 34, 558-569.	5.4	9

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73	Simulation-based design of a microfabricated pneumatic electrospray nebulizer. <i>Electrophoresis</i> , 2015, 36, 386-392.	2.4	3
74	Microfluidics and Miniaturization 2014. <i>Electrophoresis</i> , 2014, 35, 235-235.	2.4	1
75	Fluorescence Detector for Capillary Separations Fabricated by 3D Printing. <i>Analytical Chemistry</i> , 2014, 86, 11951-11956.	6.5	62
76	Separation of oxalate, formate and glycolate in human body fluid samples by capillary electrophoresis with contactless conductometric detection. <i>Journal of Chromatography A</i> , 2014, 1325, 241-246.	3.7	28
77	Double opposite end injection capillary electrophoresis with contactless conductometric detection for simultaneous determination of chloride, sodium and potassium in cystic fibrosis diagnosis. <i>Journal of Chromatography A</i> , 2014, 1358, 293-298.	3.7	23
78	Exhaled breath condensate: Determination of non-volatile compounds and their potential for clinical diagnosis and monitoring. A review. <i>Analytica Chimica Acta</i> , 2013, 805, 1-18.	5.4	142
79	Analytical isotachopheresis of lactate in human serum using dry film photoresist microfluidic chips compatible with a commercially available field-deployable instrument platform. <i>Analytica Chimica Acta</i> , 2013, 803, 135-142.	5.4	16
80	Recent advances in the development of single cell analysis – A review. <i>Analytica Chimica Acta</i> , 2013, 800, 12-21.	5.4	80
81	Nanoparticle-modified monolithic pipette tips for phosphopeptide enrichment. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 2175-2183.	3.7	43
82	Dedication to Petr Bořek's 30 Years of Service. <i>Electrophoresis</i> , 2013, 34, 2-2.	2.4	0
83	Oriented immobilization of peptide-N-glycosidase F on a monolithic support for glycosylation analysis. <i>Journal of Chromatography A</i> , 2013, 1322, 54-61.	3.7	46
84	Exploring chip-capillary electrophoresis-laser-induced fluorescence field-deployable platform flexibility: Separations of fluorescent dyes by chip-based non-aqueous capillary electrophoresis. <i>Journal of Chromatography A</i> , 2013, 1286, 216-221.	3.7	25
85	Miniaturization and Microfluidics. , 2013, , 453-467.		4
86	Microfluidic isotachopheresis: A review. <i>Electrophoresis</i> , 2013, 34, 1493-1509.	2.4	71
87	Capillary electrophoresis with contactless conductometric detection for rapid screening of formate in blood serum after methanol intoxication. <i>Journal of Chromatography A</i> , 2013, 1281, 142-147.	3.7	21
88	Detection of electrochemiluminescence from floating metal platelets in suspension. <i>Lab on A Chip</i> , 2013, 13, 781.	6.0	15
89	Bioluminescence determination of active caspase-3 in single apoptotic cells. <i>Electrophoresis</i> , 2013, 34, 1772-1777.	2.4	8
90	Thin Metal Films in Resistivity-based Chemical Sensing. <i>Current Analytical Chemistry</i> , 2013, 9, 642-652.	1.2	8

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91	Simultaneous analysis of cocaine and its metabolites in urine by capillary electrophoresis–electrospray mass spectrometry using a pressurized liquid junction nanoflow interface. <i>Electrophoresis</i> , 2012, 33, 653-660.	2.4	27
92	Isotachopheresis on a chip with indirect fluorescence detection as a field deployable system for analysis of carboxylic acids. <i>Electrophoresis</i> , 2012, 33, 3166-3172.	2.4	14
93	Cationic labeling of oligosaccharides for electrophoretic preconcentration and separation with contactless conductivity detection. <i>Journal of Chromatography A</i> , 2012, 1267, 116-120.	3.7	21
94	Online CE/ESI/MS interfacing: Recent developments and applications in proteomics. <i>Proteomics</i> , 2012, 12, 2978-2990.	2.2	38
95	Separation of carboxylic acids in human serum by isotachopheresis using a commercial field-deployable analytical platform combined with in-house glass microfluidic chips. <i>Analytica Chimica Acta</i> , 2012, 755, 115-120.	5.4	14
96	Less common applications of monoliths: V. Monolithic scaffolds modified with nanostructures for chromatographic separations and tissue engineering. <i>Journal of Separation Science</i> , 2012, 35, 1266-1283.	2.5	32
97	Photodeposited silver nanoparticles for on-column surface-enhanced Raman spectrometry detection in capillary electrophoresis. <i>Journal of Chromatography A</i> , 2012, 1226, 43-47.	3.7	20
98	Protein Identification Using Nano-HPLC-MS: ESI-MS and MALDI-MS Interfaces. <i>Methods in Molecular Biology</i> , 2011, 790, 31-46.	0.9	5
99	Conjugation reactions in the preparations of quantum dot-based immunoluminescent probes for analysis of proteins by capillary electrophoresis. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 369-379.	3.7	22
100	Iron oxide nanoparticle coating of organic polymer-based monolithic columns for phosphopeptide enrichment. <i>Journal of Separation Science</i> , 2011, 34, 2106-2112.	2.5	68
101	Application of thin metal film elements in bioanalysis. <i>Journal of Separation Science</i> , 2011, 34, 2779-2789.	2.5	17
102	Capillary electrophoresis immunoassays with conjugated quantum dots. <i>Electrophoresis</i> , 2011, 32, 1217-1223.	2.4	16
103	Dielectrophoresis 2011 - Part I. <i>Electrophoresis</i> , 2011, 32, 2231-2231.	2.4	7
104	Microfluidics and Miniaturization. <i>Electrophoresis</i> , 2011, 32, 3093-3093.	2.4	2
105	Chip-based CE for rapid separation of 8-aminopyrene-1,3,6-trisulfonic acid (APTS) derivatized glycans. <i>Electrophoresis</i> , 2010, 31, 3783-3786.	2.4	37
106	Miniaturization 2010. <i>Electrophoresis</i> , 2010, 31, 3621-3621.	2.4	0
107	Coupling of hydrodynamically closed large bore capillary isotachopheresis with electrospray mass spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 4144-4149.	3.7	40
108	Fabrication and Characterization of Solid Mercury Amalgam Electrodes for Protein Analysis. <i>Analytical Chemistry</i> , 2010, 82, 2690-2695.	6.5	56

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109	Combined Contactless Conductometric, Photometric, and Fluorimetric Single Point Detector for Capillary Separation Methods. <i>Analytical Chemistry</i> , 2010, 82, 129-135.	6.5	55
110	Evanescent wave-initiated photopolymerisation as a new way to create monolithic open-tubular capillary columns: use as enzymatic microreactor for on-line protein digestion. <i>Analyst, The</i> , 2010, 135, 477.	3.5	29
111	Capillary electrophoresis of small ions using complex formation and indirect detection. <i>Electrophoresis</i> , 2009, 30, S34-9.	2.4	29
112	Micelle to solvent stacking of organic cations in capillary zone electrophoresis with electrospray ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 294-299.	3.7	107
113	Evaluation of Archival Time on Shotgun Proteomics of Formalin-Fixed and Paraffin-Embedded Tissues. <i>Journal of Proteome Research</i> , 2009, 8, 917-925.	3.7	65
114	Bioaffinity magnetic reactor for peptide digestion followed by analysis using bottom-up shotgun proteomics strategy. <i>Journal of Separation Science</i> , 2008, 31, 507-515.	2.5	12
115	Multidimensional liquid phase separations for mass spectrometry. <i>Journal of Separation Science</i> , 2008, 31, 1964-1979.	2.5	27
116	Capillary electrophoresis-electrospray-mass spectrometry in peptide analysis and peptidomics. <i>Electrophoresis</i> , 2008, 29, 2148-2160.	2.4	119
117	On-chip tryptic digest with direct coupling to ESI-MS using magnetic particles. <i>Electrophoresis</i> , 2008, 29, 4944-4947.	2.4	32
118	Editorial. <i>Electrophoresis</i> , 2008, 29, 4807-4807.	2.4	0
119	UV-LED photopolymerised monoliths. <i>Analyst, The</i> , 2008, 133, 864.	3.5	35
120	Microdevices in Mass Spectrometry. <i>European Journal of Mass Spectrometry</i> , 2007, 13, 41-44.	1.0	10
121	Optimization of a pressurized liquid junction nanoelectrospray interface between CE and MS for reliable proteomic analysis. <i>Electrophoresis</i> , 2007, 28, 1964-1969.	2.4	33
122	Autofocusing and ESI-MS analysis of protein digests in a miniaturized multicompartiment electrolyzer. <i>Electrophoresis</i> , 2007, 28, 2283-2290.	2.4	14
123	Miniaturization 2007 issue. <i>Electrophoresis</i> , 2007, 28, 4509-4509.	2.4	0
124	Capillary electrophoresis mass spectrometry coupling with immobilized enzyme electrospray capillaries. <i>Journal of Chromatography A</i> , 2007, 1159, 110-118.	3.7	69
125	Aerodynamic mass spectrometry interfacing of microdevices without electrospray tips. <i>Lab on A Chip</i> , 2006, 6, 1306-1314.	6.0	10
126	On-line CE-MS using pressurized liquid junction nanoflow electrospray interface and surface-coated capillaries. <i>Electrophoresis</i> , 2006, 27, 4666-4673.	2.4	49

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127	Microfluidics for multiplexed MS analysis. <i>Electrophoresis</i> , 2006, 27, 4877-4887.	2.4	46
128	Miniaturization 2006 Issue. <i>Electrophoresis</i> , 2006, 27, 4875-4875.	2.4	0
129	Microfabricated devices: A new sample introduction approach to mass spectrometry. <i>Mass Spectrometry Reviews</i> , 2006, 25, 573-594.	5.4	124
130	Editorial: <i>Electrophoresis</i> 24/2005. <i>Electrophoresis</i> , 2005, 26, 4573-4573.	2.4	0
131	Characterization of a monolithic immobilized trypsin microreactor with on-line coupling to ESI-MS. <i>Journal of Separation Science</i> , 2005, 28, 1675-1684.	2.5	76
132	Capillary electrophoresis and mass spectrometry for screening of metabolic disorders in newborns. <i>Electrophoresis</i> , 2004, 25, 1447-1456.	2.4	29
133	Immobilized microfluidic enzymatic reactors. <i>Electrophoresis</i> , 2004, 25, 3550-3563.	2.4	222
134	Editorial: <i>Electrophoresis</i> 21-22/2004. <i>Electrophoresis</i> , 2004, 25, 3477-3478.	2.4	2
135	Ionic boundaries in biological capillary electrophoresis. <i>Journal of Chromatography A</i> , 2004, 1053, 43-57.	3.7	9
136	Ionic boundaries in biological capillary electrophoresis. <i>Journal of Chromatography A</i> , 2004, 1053, 43-57.	3.7	6
137	Ionic boundaries in biological capillary electrophoresis. <i>Journal of Chromatography A</i> , 2004, 1053, 43-57.	3.7	1
138	Microdevice for separation and quantitative fraction collection. <i>Electrophoresis</i> , 2003, 24, 3745-3747.	2.4	11
139	Application of high-resolution capillary array electrophoresis with automated fraction collection for GeneCalling [®] analysis of the yeast genomic DNA. <i>Electrophoresis</i> , 2003, 24, 639-647.	2.4	21
140	Design of a fraction collector for capillary array electrophoresis. <i>Electrophoresis</i> , 2002, 23, 35.	2.4	31
141	Liquid phase interfacing and miniaturization in matrix-assisted laser desorption/ionization mass spectrometry. <i>Proteomics</i> , 2002, 2, 360.	2.2	60
142	A miniaturized multichamber solution isoelectric focusing device for separation of protein digests. <i>Electrophoresis</i> , 2002, 23, 3599-3607.	2.4	29
143	Sample Concentration and Separation for Nanoliter-Volume NMR Spectroscopy Using Capillary Isotachopheresis. <i>Journal of the American Chemical Society</i> , 2001, 123, 3159-3160.	13.7	82
144	Automated High-Throughput Infusion ESI-MS with Direct Coupling to a Microtiter Plate. <i>Analytical Chemistry</i> , 2001, 73, 1449-1454.	6.5	31

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145	High-Throughput Microfabricated CE/ESI-MS: Automated Sampling from a Microwell Plate. <i>Analytical Chemistry</i> , 2001, 73, 2675-2681.	6.5	113
146	Ultra-Fast DNA Separations Using Capillary Electrophoresis. , 2001, 163, 19-39.		2
147	Fraction collection in micropreparative capillary zone electrophoresis and capillary isoelectric focusing. <i>Electrophoresis</i> , 2000, 21, 247-254.	2.4	65
148	Subatmospheric electrospray interface for coupling of microcolumn separations with mass spectrometry. <i>Electrophoresis</i> , 2000, 21, 1363-1371.	2.4	70
149	Two-Point Fluorescence Detection and Automated Fraction Collection Applied to Constant Denaturant Capillary Electrophoresis. <i>BioTechniques</i> , 2000, 29, 582-589.	1.8	25
150	A Microdevice with Integrated Liquid Junction for Facile Peptide and Protein Analysis by Capillary Electrophoresis/Electrospray Mass Spectrometry. <i>Analytical Chemistry</i> , 2000, 72, 1015-1022.	6.5	175
151	Development of Multichannel Devices with an Array of Electrospray Tips for High-Throughput Mass Spectrometry. <i>Analytical Chemistry</i> , 2000, 72, 3303-3310.	6.5	110
152	Fraction collection in micropreparative capillary zone electrophoresis and capillary isoelectric focusing. <i>Electrophoresis</i> , 2000, 21, 247-254.	2.4	0
153	Subatmospheric electrospray interface for coupling of microcolumn separations with mass spectrometry. <i>Electrophoresis</i> , 2000, 21, 1363-1371.	2.4	0
154	Microfabricated Devices for Capillary Electrophoresis/Electrospray Mass Spectrometry. <i>Analytical Chemistry</i> , 1999, 71, 3258-3264.	6.5	234
155	DNA cycle sequencing of a common restriction fragment of <i>Staphylococcus aureus</i> bacteriophages by capillary electrophoresis using replaceable linear polyacrylamide. <i>Electrophoresis</i> , 1998, 19, 695-700.	2.4	9
156	Ultrafast DNA analysis by capillary electrophoresis/laser-induced fluorescence detection. <i>Electrophoresis</i> , 1998, 19, 1436-1444.	2.4	42
157	On-Line MALDI-TOF MS Using a Continuous Vacuum Deposition Interface. <i>Analytical Chemistry</i> , 1998, 70, 5278-5287.	6.5	118
158	Mutational spectrometry without phenotypic selection: human mitochondrial DNA. <i>Nucleic Acids Research</i> , 1997, 25, 685-693.	14.5	60
159	Multichannel Microchip Electrospray Mass Spectrometry. <i>Analytical Chemistry</i> , 1997, 69, 426-430.	6.5	372
160	Integrated multichannel microchip electrospray ionization mass spectrometry: analysis of peptides from on-chip tryptic digestion of melittin. <i>Rapid Communications in Mass Spectrometry</i> , 1997, 11, 1253-1256.	1.5	87
161	Automated microanalysis using magnetic beads with commercial capillary electrophoretic instrumentation. <i>Journal of Chromatography A</i> , 1997, 781, 197-204.	3.7	81
162	Integrated multichannel microchip electrospray ionization mass spectrometry: analysis of peptides from on-chip tryptic digestion of melittin. <i>Rapid Communications in Mass Spectrometry</i> , 1997, 11, 1253-1256.	1.5	2

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