

Myeong Hee Moon

List of Publications by Year in descending order

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169
papers

4,933
citations

87723

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docs citations

171
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4567
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#	ARTICLE	IF	CITATIONS
1	Flow field-flow fractionation hyphenated with inductively coupled plasma mass spectrometry: a robust technique for characterization of engineered elemental metal nanoparticles in the environment. <i>Applied Spectroscopy Reviews</i> , 2023, 58, 110-131.	3.4	11
2	Optimisation of saliva volumes for lipidomic analysis by nanoflow ultrahigh performance liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2022, 1193, 339318.	2.6	1
3	Size Separation of Exosomes and Microvesicles Using Flow Field-Flow Fractionation/Multiangle Light Scattering and Lipidomic Comparison. <i>Analytical Chemistry</i> , 2022, 94, 8958-8965.	3.2	20
4	Wide-Range Size Fractionation of Graphene Oxide by Flow Field-Flow Fractionation. <i>ACS Nano</i> , 2022, 16, 9172-9182.	7.3	3
5	High-Speed Screening of Lipoprotein Components Using Online Miniaturized Asymmetrical Flow Field-Flow Fractionation and Electrospray Ionization Tandem Mass Spectrometry: Application to Hepatocellular Carcinoma Plasma Samples. <i>Analytical Chemistry</i> , 2021, 93, 4867-4875.	3.2	4
6	Enhancement of acidic lipid analysis by nanoflow ultrahigh performance liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2021, 1166, 338573.	2.6	4
7	Optimisation of high-speed lipidome analysis by nanoflow ultrahigh-performance liquid chromatography-tandem mass spectrometry: Application to identify candidate biomarkers for four different cancers. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1175, 122739.	1.2	3
8	Bifidobacterium bifidum strains synergize with immune checkpoint inhibitors to reduce tumour burden in mice. <i>Nature Microbiology</i> , 2021, 6, 277-288.	5.9	130
9	Aging-related lipidomic changes in mouse serum, kidney, and heart by nanoflow ultrahigh-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1618, 460849.	1.8	28
10	Exercise-induced recovery of plasma lipids perturbed by ageing with nanoflow UHPLC-ESI-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 8003-8014.	1.9	7
11	On-line determination of soluble Zn content and size of the residual fraction in PM2.5 incubated in various aqueous media. <i>Science of the Total Environment</i> , 2020, 724, 138309.	3.9	4
12	Evaluation of exosome separation from human serum by frit-inlet asymmetrical flow field-flow fractionation and multiangle light scattering. <i>Analytica Chimica Acta</i> , 2020, 1124, 137-145.	2.6	36
13	Perturbations of Lipids and Oxidized Phospholipids in Lipoproteins of Patients with Postmenopausal Osteoporosis Evaluated by Asymmetrical Flow Field-Flow Fractionation and Nanoflow UHPLC-ESI-MS/MS. <i>Antioxidants</i> , 2020, 9, 46.	2.2	10
14	Lipid alterations in the skeletal muscle tissues of mice after weight regain by feeding a high-fat diet using nanoflow ultrahigh performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1141, 122022.	1.2	8
15	Lipidomic signatures of post-hepatectomy liver failure using porcine hepatectomy models. <i>Annals of Translational Medicine</i> , 2020, 8, 1363.	0.7	0
16	Lipidomic signatures of post-hepatectomy liver failure using porcine hepatectomy models. <i>Annals of Translational Medicine</i> , 2020, 8, 1363-1363.	0.7	1
17	The Performance Investigation of Bimodal Cation Exchange/Hydrophilic Interaction Liquid Chromatography-Electrospray Ionization Mass Spectrometry by Modifying Mobile Phase Composition in Amino Acid Separation. <i>Bulletin of the Korean Chemical Society</i> , 2019, 40, 775-779.	1.0	3
18	Investigation of lipidomic perturbations in oxidatively stressed subcellular organelles and exosomes by asymmetrical flow field-flow fractionation and nanoflow ultrahigh performance liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2019, 1073, 79-89.	2.6	25

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19	Flow field-flow fractionation: Recent applications for lipidomic and proteomic analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 118, 19-28.	5.8	20
20	Simultaneous Relative Quantification of Various Polyglycerophospholipids with Isotope-Labeled Methylation by Nanoflow Ultrahigh Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 6716-6723.	3.2	8
21	Plasma lipid profile comparison of five different cancers by nanoflow ultrahigh performance liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2019, 1063, 117-126.	2.6	54
22	Development of a multi-functional concurrent assay using weak cation-exchange solid-phase extraction (WCX-SPPE) and reconstitution with a diluted sample aliquot for anti-doping analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 897-905.	0.7	15
23	Online Proteolysis and Glycopeptide Enrichment with Thermoresponsive Porous Polymer Membrane Reactors for Nanoflow Liquid Chromatography-Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2018, 90, 3124-3131.	3.2	27
24	Investigation of steric transition with field programming in frit inlet asymmetrical flow field-flow fractionation. <i>Journal of Chromatography A</i> , 2018, 1576, 131-136.	1.8	15
25	Flow optimisations with increased channel thickness in asymmetrical flow field-flow fractionation. <i>Journal of Chromatography A</i> , 2018, 1581-1582, 100-104.	1.8	4
26	Analysis of lipoprotein-specific lipids in patients with acute coronary syndrome by asymmetrical flow field-flow fractionation and nanoflow liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1099, 56-63.	1.2	20
27	Lipidomic differentiation of Graves' ophthalmopathy in plasma and urine from Graves' disease patients. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 7121-7133.	1.9	10
28	High-fat diet-induced lipidome perturbations in the cortex, hippocampus, hypothalamus, and olfactory bulb of mice. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 980-990.	1.2	28
29	Lipidomic alterations in lipoproteins of patients with mild cognitive impairment and Alzheimer's disease by asymmetrical flow field-flow fractionation and nanoflow ultrahigh performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2018, 1568, 91-100.	1.8	40
30	Size Dependent Lipidomic Analysis of Urinary Exosomes from Patients with Prostate Cancer by Flow Field-Flow Fractionation and Nanoflow Liquid Chromatography-Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2017, 89, 2488-2496.	3.2	119
31	Relative Quantification of Phospholipids Based on Isotope-Labeled Methylation by Nanoflow Ultrahigh Performance Liquid Chromatography-Tandem Mass Spectrometry: Enhancement in Cardiolipin Profiling. <i>Analytical Chemistry</i> , 2017, 89, 4969-4977.	3.2	33
32	Effect of cationic monomer content on polyacrylamide copolymers by frit-inlet asymmetrical flow field-flow fractionation/multi-angle light scattering. <i>Journal of Chromatography A</i> , 2017, 1503, 49-56.	1.8	7
33	Lipidomic analysis of skeletal muscle tissues of p53 knockout mice by nUPLC-ESI-MS/MS. <i>Scientific Reports</i> , 2017, 7, 3302.	1.6	9
34	<sc>GC-MS</sc> Analysis of Various Phytoestrogens in Health Functional Foods. <i>Bulletin of the Korean Chemical Society</i> , 2017, 38, 448-458.	1.0	2
35	Fabrication of enzyme reactor utilizing magnetic porous polymer membrane for screening D-Amino acid oxidase inhibitors. <i>Talanta</i> , 2017, 165, 251-257.	2.9	12
36	Tracking the Transformation of Nanoparticulate and Ionic Silver at Environmentally Relevant Concentration Levels by Hollow Fiber Flow Field-Flow Fractionation Coupled to ICPMS. <i>Environmental Science & Technology</i> , 2017, 51, 12369-12376.	4.6	42

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37	Flow Field-Flow Fractionation with Mass Spectrometry for Top-Down and Bottom-Up Lipidomics. <i>Journal of Analysis and Testing</i> , 2017, 1, 193-201.	2.5	2
38	Global Changes in Lipid Profiles of Mouse Cortex, Hippocampus, and Hypothalamus Upon p53 Knockout. <i>Scientific Reports</i> , 2016, 6, 36510.	1.6	11
39	High-throughput and rapid quantification of lipids by nanoflow UPLC-ESI-MS/MS: application to the hepatic lipids of rabbits with nonalcoholic fatty liver disease. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 4975-4985.	1.9	20
40	Variations in plasma and urinary lipids in response to enzyme replacement therapy for Fabry disease patients by nanoflow UPLC-ESI-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 2265-2274.	1.9	16
41	Lipidomic Perturbations in Lung, Kidney, and Liver Tissues of p53 Knockout Mice Analyzed by Nanoflow UPLC-ESI-MS/MS. <i>Journal of Proteome Research</i> , 2016, 15, 3763-3772.	1.8	14
42	On-line high speed lipid extraction for nanoflow liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1464, 12-20.	1.8	9
43	Online Miniaturized Asymmetrical Flow Field-Flow Fractionation and Inductively Coupled Plasma Mass Spectrometry for Metalloprotein Analysis of Plasma from Patients with Lung Cancer. <i>Analytical Chemistry</i> , 2016, 88, 10198-10205.	3.2	22
44	Evaluation of treadmill exercise effect on muscular lipid profiles of diabetic fatty rats by nanoflow liquid chromatography-tandem mass spectrometry. <i>Scientific Reports</i> , 2016, 6, 29617.	1.6	15
45	Characterization of ultrahigh-molecular weight cationic polyacrylamide using frit-inlet asymmetrical flow field-flow fractionation and multi-angle light scattering. <i>Journal of Chromatography A</i> , 2016, 1429, 304-310.	1.8	19
46	Trypsin immobilization in ordered porous polymer membranes for effective protein digestion. <i>Analytica Chimica Acta</i> , 2016, 906, 156-164.	2.6	33
47	Unravelling the mechanism of action of enzyme replacement therapy in Fabry disease. <i>Journal of Human Genetics</i> , 2016, 61, 143-149.	1.1	6
48	High Speed Size Sorting of Subcellular Organelles by Flow Field-Flow Fractionation. <i>Analytical Chemistry</i> , 2015, 87, 6342-6348.	3.2	27
49	Lipidomic profiling of plasma and urine from patients with Gaucher disease during enzyme replacement therapy by nanoflow liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1381, 132-139.	1.8	35
50	Ionic strength effect on molecular structure of hyaluronic acid investigated by flow field-flow fractionation and multiangle light scattering. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 1327-1334.	1.9	14
51	Profiling of Oxidized Phospholipids in Lipoproteins from Patients with Coronary Artery Disease by Hollow Fiber Flow Field-Flow Fractionation and Nanoflow Liquid Chromatography-Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2015, 87, 1266-1273.	3.2	29
52	Toward Full Spectrum Speciation of Silver Nanoparticles and Ionic Silver by On-Line Coupling of Hollow Fiber Flow Field-Flow Fractionation and Minicolumn Concentration with Multiple Detectors. <i>Analytical Chemistry</i> , 2015, 87, 8441-8447.	3.2	54
53	Top-down and bottom-up lipidomic analysis of rabbit lipoproteins under different metabolic conditions using flow field-flow fractionation, nanoflow liquid chromatography and mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1405, 140-148.	1.8	17
54	Combining asymmetrical flow field-flow fractionation with on- and off-line fluorescence detection to examine biodegradation of riverine dissolved and particulate organic matter. <i>Journal of Chromatography A</i> , 2015, 1409, 218-225.	1.8	8

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55	Identification of Pancreatic Cancer-Associated Tumor Antigen from HSP-Enriched Tumor Lysate-Pulsed Human Dendritic Cells. <i>Yonsei Medical Journal</i> , 2014, 55, 1014.	0.9	2
56	In-depth analysis of site-specific N-glycosylation in vitronectin from human plasma by tandem mass spectrometry with immunoprecipitation. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 7999-8011.	1.9	31
57	Cytochrome P450-mediated metabolic alterations in preeclampsia evaluated by quantitative steroid signatures. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 139, 182-191.	1.2	34
58	Rapid and simple extraction of lipids from blood plasma and urine for liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1331, 19-26.	1.8	44
59	Isotope-Coded Carbamidomethylation for Quantification of N-Glycoproteins with Online Microbore Hollow Fiber Enzyme Reactor-Nanoflow Liquid Chromatography-Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2014, 86, 7650-7657.	3.2	21
60	On-line miniaturized asymmetrical flow field-flow fractionation-electrospray ionization-tandem mass spectrometry with selected reaction monitoring for quantitative analysis of phospholipids in plasma lipoproteins. <i>Journal of Chromatography A</i> , 2014, 1324, 224-230.	1.8	18
61	MRM validation of targeted nonglycosylated peptides from N-glycoprotein biomarkers using direct trypsin digestion of undepleted human plasma. <i>Journal of Proteomics</i> , 2014, 98, 206-217.	1.2	15
62	Rapid Screening of Phospholipid Biomarker Candidates from Prostate Cancer Urine Samples by Multiple Reaction Monitoring of UPLC-ESI-MS/MS and Statistical Approaches. <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 1133-1138.	1.0	5
63	Phospholipid Analysis by Nanoflow Liquid Chromatography-Tandem Mass Spectrometry. <i>Mass Spectrometry Letters</i> , 2014, 5, 1-11.	0.5	8
64	Top-down lipidomic analysis of human lipoproteins by chip-type asymmetrical flow field-flow fractionation-electrospray ionization-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1280, 92-97.	1.8	17
65	Characterization of oxidized phospholipids in oxidatively modified low density lipoproteins by nanoflow liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1288, 54-62.	1.8	16
66	On-line two-dimensional capillary strong anion exchange/reversed phase liquid chromatography-tandem mass spectrometry for comprehensive lipid analysis. <i>Journal of Chromatography A</i> , 2013, 1310, 82-90.	1.8	42
67	Development of an Online Microbore Hollow Fiber Enzyme Reactor Coupled with Nanoflow Liquid Chromatography-Tandem Mass Spectrometry for Global Proteomics. <i>Analytical Chemistry</i> , 2013, 85, 5506-5513.	3.2	18
68	Hollow-Fiber Flow Field-Flow Fractionation: A Pipeline to Scale Down Separation and Enhance Detection of Proteins and Cells. , 2012, , 37-55.		2
69	Optimized extraction of phospholipids and lysophospholipids for nanoflow liquid chromatography-electrospray ionization-tandem mass spectrometry. <i>Analyst</i> , The, 2012, 137, 451-458.	1.7	61
70	Discovery of candidate phospholipid biomarkers in human lipoproteins with coronary artery disease by flow field-flow fractionation and nanoflow liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1270, 246-253.	1.8	21
71	Dual Lectin-Based Size Sorting Strategy to Enrich Targeted N-Glycopeptides by Asymmetrical Flow Field-Flow Fractionation: Profiling Lung Cancer Biomarkers. <i>Analytical Chemistry</i> , 2012, 84, 5343-5350.	3.2	28
72	Computational approach to structural identification of phospholipids using raw mass spectra from nanoflow liquid chromatography-electrospray ionization-tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2012, 47, 1004-1014.	0.7	32

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73	Effect of ionization modifiers on the simultaneous analysis of all classes of phospholipids by nanoflow liquid chromatography/tandem mass spectrometry in negative ion mode. <i>Journal of Chromatography A</i> , 2012, 1240, 69-76.	1.8	32
74	Two dimensional (pI & ds) separation of phosphorylated proteins by isoelectric focusing/asymmetrical flow field-flow fractionation: Application to prostatic cancer cell line. <i>Journal of Proteomics</i> , 2012, 75, 2297-2305.	1.2	8
75	Characterization of sodium hyaluronate blends using frit inlet asymmetrical flow field-flow fractionation and multiangle light scattering. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 1269-1276.	1.9	10
76	Two-Dimensional Separation for Proteomic Analysis. , 2012, , 57-71.		0
77	Effect of sodium dodecyl sulfate on protein separation by hollow fiber flow field-flow fractionation. <i>Analyst, The</i> , 2011, 136, 388-392.	1.7	3
78	Chip-Type Asymmetrical Flow Field-Flow Fractionation Channel Coupled with Mass Spectrometry for Top-Down Protein Identification. <i>Analytical Chemistry</i> , 2011, 83, 8652-8658.	3.2	34
79	Use of ion pairing reagents for sensitive detection and separation of phospholipids in the positive ion mode LC-ESI-MS. <i>Analyst, The</i> , 2011, 136, 1586.	1.7	28
80	Shotgun lipidomics for candidate biomarkers of urinary phospholipids in prostate cancer. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 823-830.	1.9	118
81	Simultaneous profiling of lysophospholipids and phospholipids from human plasma by nanoflow liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 2953-2961.	1.9	68
82	Effect of d-allose on prostate cancer cell lines: phospholipid profiling by nanoflow liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 689-698.	1.9	17
83	Analysis of phospholipids using an open-tubular capillary column with a monolithic layer of molecularly imprinted polymer in capillary electrochromatography-electrospray ionization-tandem mass spectrometry. <i>Electrophoresis</i> , 2011, 32, 2167-2173.	1.3	42
84	Improvement of lipoprotein separation with a guard channel prior to asymmetrical flow field-flow fractionation using fluorescence detection. <i>Journal of Chromatography A</i> , 2011, 1218, 4144-4148.	1.8	11
85	A novel GC-MS method in urinary estrogen analysis from postmenopausal women with osteoporosis. <i>Journal of Lipid Research</i> , 2011, 52, 1595-1603.	2.0	29
86	Targeted Mass Spectrometric Approach for Biomarker Discovery and Validation with Nonglycosylated Tryptic Peptides from N-linked Glycoproteins in Human Plasma. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M111.009290.	2.5	38
87	Hollow-Fiber Flow Field-Flow Fractionation for Mass Spectrometry: From Proteins to Whole Bacteria. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , 2011, , 13-36.	0.5	1
88	Quantitative analysis of urinary phospholipids found in patients with breast cancer by nanoflow liquid chromatography-tandem mass spectrometry: II. Negative ion mode analysis of four phospholipid classes. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 1273-1280.	1.9	71
89	Flow field-flow fractionation and multiangle light scattering for ultrahigh molecular weight sodium hyaluronate characterization. <i>Journal of Separation Science</i> , 2010, 33, 3519-3529.	1.3	16
90	Profiling of phospholipids in lipoproteins by multiplexed hollow fiber flow field-flow fractionation and nanoflow liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 1660-1666.	1.8	36

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91	Effect of asymmetrical flow field-flow fractionation channel geometry on separation efficiency. <i>Journal of Chromatography A</i> , 2010, 1217, 3876-3880.	1.8	17
92	Lectin-Based Enrichment Method for Glycoproteomics Using Hollow Fiber Flow Field-Flow Fractionation: Application to <i>Streptococcus pyogenes</i> . <i>Journal of Proteome Research</i> , 2010, 9, 2855-2862.	1.8	12
93	Quantitative analysis of phosphatidylcholines and phosphatidylethanolamines in urine of patients with breast cancer by nanoflow liquid chromatography/tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 393, 1649-1656.	1.9	80
94	Depolymerization study of sodium hyaluronate by flow field-flow fractionation/multiangle light scattering. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 519-525.	1.9	12
95	Evaluation of multiplexed hollow fiber flow field-flow fractionation for semi-preparative purposes. <i>Journal of Chromatography A</i> , 2009, 1216, 6539-6542.	1.8	17
96	Field-flow fractionation in bioanalysis: A review of recent trends. <i>Analytica Chimica Acta</i> , 2009, 635, 132-143.	2.6	160
97	High Speed Two-Dimensional Protein Separation without Gel by Isoelectric Focusing Asymmetrical Flow Field Flow Fractionation: Application to Urinary Proteome. <i>Journal of Proteome Research</i> , 2009, 8, 4272-4278.	1.8	31
98	Development of a Multilane Channel System for Nongel-Based Two-Dimensional Protein Separations Using Isoelectric Focusing and Asymmetrical Flow Field-Flow Fractionation. <i>Analytical Chemistry</i> , 2009, 81, 1715-1721.	3.2	33
99	Serum polyamines in pre- and post-operative patients with breast cancer corrected by menopausal status. <i>Cancer Letters</i> , 2009, 273, 300-304.	3.2	30
100	A Soft Preparative Method for Membrane Proteome Analysis Using Frit Inlet Asymmetrical Flow Field-Flow Fractionation: Application in a Prostatic Cancer Cell Line. <i>Journal of Proteome Research</i> , 2009, 8, 982-991.	1.8	13
101	Flow field-flow fractionation/multiangle light scattering of sodium hyaluronate from various degradation processes. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 864, 15-21.	1.2	14
102	Analysis of polyamines as carbamoyl derivatives in urine and serum by liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2008, 22, 73-80.	0.8	69
103	Molecular mass sorting of proteome using hollow fiber flow field-flow fractionation for proteomics. <i>Journal of Proteomics</i> , 2008, 71, 123-131.	1.2	13
104	Flow field-flow fractionation: A pre-analytical method for proteomics. <i>Journal of Proteomics</i> , 2008, 71, 265-276.	1.2	59
105	Hollow-fiber flow field-flow fractionation of whole blood serum. <i>Journal of Chromatography A</i> , 2008, 1183, 135-142.	1.8	27
106	Quantitative profiling of phosphatidylcholine and phosphatidylethanolamine in a steatosis/fibrosis model of rat liver by nanoflow liquid chromatography/tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1194, 96-102.	1.8	27
107	Validated gas chromatographic-mass spectrometric analysis of urinary cannabinoids purified with a calcium-hardened β -cyclodextrin polymer. <i>Journal of Chromatography A</i> , 2008, 1204, 87-92.	1.8	17
108	Proteomic Analysis of Exosomes from Human Neural Stem Cells by Flow Field-Flow Fractionation and Nanoflow Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Proteome Research</i> , 2008, 7, 3475-3480.	1.8	161

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109	Profiling of human urinary phospholipids by nanoflow liquid chromatography/tandem mass spectrometry. <i>Analyst, The</i> , 2008, 133, 1656.	1.7	38
110	Separation of mitochondria by flow field-flow fractionation for proteomic analysis. <i>Analyst, The</i> , 2008, 133, 505.	1.7	55
111	Large-Scale Identification by Shotgun Proteomics of Proteins Expressed in Porcine Liver and Salivary Gland. <i>Zoological Science</i> , 2008, 25, 129-138.	0.3	11
112	Miniaturized asymmetrical flow field-flow fractionation: Application to biological vesicles. <i>Journal of Separation Science</i> , 2007, 30, 1082-1087.	1.3	38
113	Quantitative analysis of phosphatidylcholine in rat liver tissue by nanoflow liquid chromatography/tandem mass spectrometry. <i>Journal of Separation Science</i> , 2007, 30, 2598-2604.	1.3	29
114	Characterization of functionalized styrene-butadiene rubber by flow field-flow fractionation/light scattering in organic solvent. <i>Journal of Chromatography A</i> , 2007, 1147, 200-205.	1.8	26
115	Molecular weight and structure characterization of sodium hyaluronate and its gamma radiation degradation products by flow field-flow fractionation and on-line multiangle light scattering. <i>Journal of Chromatography A</i> , 2007, 1160, 270-275.	1.8	20
116	Shotgun analysis of phospholipids from mouse liver and brain by nanoflow liquid chromatography/tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 852, 268-277.	1.2	47
117	Development of Non-Gel-Based Two-Dimensional Separation of Intact Proteins by an On-Line Hyphenation of Capillary Isoelectric Focusing and Hollow Fiber Flow Field-Flow Fractionation. <i>Analytical Chemistry</i> , 2006, 78, 5789-5798.	3.2	41
118	Characterization of polychlorinated dibenzo-p-dioxins and dibenzofurans in different particle size fractions of marine sediments. <i>Environmental Pollution</i> , 2006, 144, 554-561.	3.7	28
119	Nanoflow liquid chromatography-tandem mass spectrometry for the characterization of intact phosphatidylcholines from soybean, bovine brain, and liver. <i>Journal of Chromatography A</i> , 2006, 1104, 222-229.	1.8	42
120	Effect of dissolution temperature on the structures of sodium hyaluronate by flow field-flow fractionation/multiangle light scattering. <i>Journal of Chromatography A</i> , 2006, 1131, 185-191.	1.8	13
121	Hollow-fiber flow/hyperlayer field-flow fractionation for the size characterization of airborne particle fractions obtained by SPLITT fractionation. <i>Journal of Separation Science</i> , 2006, 29, 423-428.	1.3	7
122	Dual-purpose sample trap for on-line strong cation-exchange chromatography/reversed-phase liquid chromatography/tandem mass spectrometry for shotgun proteomics. <i>Journal of Chromatography A</i> , 2005, 1070, 193-200.	1.8	36
123	Field programming in frit inlet asymmetrical flow field-flow fractionation/multiangle light scattering: Application to sodium hyaluronate. <i>Journal of Chromatography A</i> , 2005, 1089, 203-210.	1.8	29
124	Size fractionation of marine sediments by pinched inlet gravitational split-flow thin fractionation and the study of size dependent PCDD/Fs concentrations from different bay areas. <i>Journal of Separation Science</i> , 2005, 28, 373-379.	1.3	6
125	Pinched inlet gravitational split-flow thin fractionation of airborne particles and analysis of size dependent level of PCDD/Fs. <i>Journal of Separation Science</i> , 2005, 28, 1231-1236.	1.3	4
126	Performance of hollow-fiber flow field-flow fractionation in protein separation. <i>Journal of Separation Science</i> , 2005, 28, 2043-2049.	1.3	28

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127	Combination of gravitational SPLITT fractionation and field-flow fractionation for size-sorting and characterization of sea sediment. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 381, 1299-1304.	1.9	15
128	Hollow Fiber Flow Field-Flow Fractionation of Proteins Using a Microbore Channel. <i>Analytical Chemistry</i> , 2005, 77, 4207-4212.	3.2	46
129	On-Line Hollow-Fiber Flow Field-Flow Fractionation-Electrospray Ionization/Time-of-Flight Mass Spectrometry of Intact Proteins. <i>Analytical Chemistry</i> , 2005, 77, 47-56.	3.2	72
130	Size-based analysis of incinerator fly ash using gravitational SPLITT fractionation, sedimentation field-flow fractionation, and inductively coupled plasma-atomic emission spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 746-752.	1.9	10
131	Separation of carbon nanotubes by frit inlet asymmetrical flow field-flow fractionation. <i>Journal of Separation Science</i> , 2004, 27, 710-717.	1.3	45
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