

Jean-Luc Veuthey

List of Publications by Year in descending order

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249
papers

13,196
citations

19608

61
h-index

35952

97
g-index

253
all docs

253
docs citations

253
times ranked

10702
citing authors

#	ARTICLE	IF	CITATIONS
1	Sub/supercritical fluid chromatography versus liquid chromatography for peptide analysis. <i>Journal of Chromatography A</i> , 2022, 1676, 463282.	1.8	6
2	The analysis of cannabinoids in cannabis samples by supercritical fluid chromatography and ultra-high performance liquid chromatography: A comparison study. <i>Analytical Science Advances</i> , 2021, 2, 2-14.	1.2	9
3	Use of Ultra-short Columns for Therapeutic Protein Separations, Part 2: Designing the Optimal Column Dimension for Reversed-Phase Liquid Chromatography. <i>Analytical Chemistry</i> , 2021, 93, 1285-1293.	3.2	13
4	Use of Ultrashort Columns for Therapeutic Protein Separations. Part 1: Theoretical Considerations and Proof of Concept. <i>Analytical Chemistry</i> , 2021, 93, 1277-1284.	3.2	26
5	Ultra-high performance supercritical fluid chromatography coupled to tandem mass spectrometry for antidoping analyses: Assessment of the inter-laboratory reproducibility with urine samples. <i>Analytical Science Advances</i> , 2021, 2, 68-75.	1.2	4
6	Expanding the range of sub/supercritical fluid chromatography: Advantageous use of methanesulfonic acid in water-rich modifiers for peptide analysis. <i>Journal of Chromatography A</i> , 2021, 1642, 462048.	1.8	29
7	Metamorphosis of supercritical fluid chromatography: A viable tool for the analysis of polar compounds?. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 141, 116304.	5.8	39
8	New perspective for the in-field analysis of cannabis samples using handheld near-infrared spectroscopy: A case study focusing on the determination of δ^9 -tetrahydrocannabinol. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 202, 114150.	1.4	24
9	Interlaboratory study of a supercritical fluid chromatography method for the determination of pharmaceutical impurities: Evaluation of multi-systems reproducibility. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 203, 114206.	1.4	14
10	Supercritical fluid chromatography-mass spectrometry in routine anti-doping analyses: Estimation of retention time variability under reproducible conditions. <i>Journal of Chromatography A</i> , 2020, 1616, 460780.	1.8	11
11	Investigating the use of unconventional temperatures in supercritical fluid chromatography. <i>Analytica Chimica Acta</i> , 2020, 1134, 84-95.	2.6	10
12	Applicability of Supercritical fluid chromatography-mass spectrometry to metabolomics. II-Assessment of a comprehensive library of metabolites and evaluation of biological matrices. <i>Journal of Chromatography A</i> , 2020, 1620, 461021.	1.8	34
13	Current and future trends in reversed-phase liquid chromatography-mass spectrometry of therapeutic proteins. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 130, 115962.	5.8	28
14	Non-invasive targeted iontophoretic delivery of cetuximab to skin. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 589-602.	2.4	18
15	Coupling non-denaturing chromatography to mass spectrometry for the characterization of monoclonal antibodies and related products. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 185, 113207.	1.4	38
16	Preface. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 182, 113162.	1.4	0
17	Improving selectivity and performing online on-column fractioning in liquid chromatography for the separation of therapeutic biopharmaceutical products. <i>Journal of Chromatography A</i> , 2020, 1618, 460901.	1.8	13
18	Supercritical fluid chromatography - Mass spectrometry: Recent evolution and current trends. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 118, 731-738.	5.8	61

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19	Impact of particle size gradients on the apparent efficiency of chromatographic columns. Journal of Chromatography A, 2019, 1603, 208-215.	1.8	10
20	Glycosylation of biosimilars: Recent advances in analytical characterization and clinical implications. Analytica Chimica Acta, 2019, 1089, 1-18.	2.6	62
21	Proof of Concept To Achieve Infinite Selectivity for the Chromatographic Separation of Therapeutic Proteins. Analytical Chemistry, 2019, 91, 12954-12961.	3.2	30
22	Recent Advances in Chromatography for Pharmaceutical Analysis. Analytical Chemistry, 2019, 91, 210-239.	3.2	85
23	Editorial for Sergio and Sandor. Journal of Pharmaceutical and Biomedical Analysis, 2019, 165, 410.	1.4	0
24	Withanolide D Enhances Radiosensitivity of Human Cancer Cells by Inhibiting DNA Damage Non-homologous End Joining Repair Pathway. Frontiers in Oncology, 2019, 9, 1468.	1.3	9
25	Natural compounds analysis using liquid and supercritical fluid chromatography hyphenated to mass spectrometry: Evaluation of a new design of atmospheric pressure ionization source. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1083, 1-11.	1.2	18
26	Systematic evaluation of matrix effects in supercritical fluid chromatography versus liquid chromatography coupled to mass spectrometry for biological samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1079, 51-61.	1.2	39
27	Implementation of a generic liquid chromatographic method development workflow: Application to the analysis of phytocannabinoids and Cannabis sativa extracts. Journal of Pharmaceutical and Biomedical Analysis, 2018, 155, 116-124.	1.4	31
28	What are the current solutions for interfacing supercritical fluid chromatography and mass spectrometry?. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1083, 160-170.	1.2	71
29	Current possibilities of liquid chromatography for the characterization of antibody-drug conjugates. Journal of Pharmaceutical and Biomedical Analysis, 2018, 147, 493-505.	1.4	54
30	Adding a new separation dimension to MS and LC-MS: What is the utility of ion mobility spectrometry?. Journal of Separation Science, 2018, 41, 20-67.	1.3	140
31	Development of a LC-MS/MS method for the determination of isomeric glutamyl peptides in food ingredients. Journal of Separation Science, 2018, 41, 847-855.	1.3	9
32	5. What is the potential of SFC-MS for doping control analysis?. , 2018, , 111-128.		0
33	First inter-laboratory study of a Supercritical Fluid Chromatography method for the determination of pharmaceutical impurities. Journal of Pharmaceutical and Biomedical Analysis, 2018, 161, 414-424.	1.4	47
34	Editorial for the special issue entitled "supercritical fluid chromatography mass spectrometry". Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1095, 275.	1.2	0
35	High-resolution separation of monoclonal antibodies mixtures and their charge variants by an alternative and generic CZE method. Electrophoresis, 2018, 39, 2083-2090.	1.3	24
36	Unraveling the mysteries of modern size exclusion chromatography - the way to achieve confident characterization of therapeutic proteins. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1092, 368-378.	1.2	48

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37	Applicability of supercritical fluid chromatography – mass spectrometry to metabolomics. I – Optimization of separation conditions for the simultaneous analysis of hydrophilic and lipophilic substances. <i>Journal of Chromatography A</i> , 2018, 1562, 96-107.	1.8	84
38	New developments and possibilities of wide-pore superficially porous particle technology applied for the liquid chromatographic analysis of therapeutic proteins. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 158, 225-235.	1.4	25
39	Achievable separation performance and analysis time in current liquid chromatographic practice for monoclonal antibody separations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 141, 59-69.	1.4	21
40	Optimized selection of liquid chromatography conditions for wide range analysis of natural compounds. <i>Journal of Chromatography A</i> , 2017, 1504, 91-104.	1.8	28
41	A systematic investigation of sample diluents in modern supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2017, 1511, 122-131.	1.8	67
42	Comprehensive study on the effects of sodium and potassium additives in size exclusion chromatographic separations of protein biopharmaceuticals. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 144, 242-251.	1.4	25
43	Theory and Practice of UHPLC and UHPLC-MS. , 2017, , 1-38.		1
44	Evaluation of thermally pretreated silica stationary phases under hydrophilic interaction chromatography conditions. <i>Journal of Separation Science</i> , 2016, 39, 1611-1618.	1.3	0
45	Liquid chromatography and supercritical fluid chromatography as alternative techniques to gas chromatography for the rapid screening of anabolic agents in urine. <i>Journal of Chromatography A</i> , 2016, 1451, 145-155.	1.8	60
46	Potential of hydrophilic interaction chromatography for the analytical characterization of protein biopharmaceuticals. <i>Journal of Chromatography A</i> , 2016, 1448, 81-92.	1.8	80
47	Ultra-high performance supercritical fluid chromatography coupled with quadrupole-time-of-flight mass spectrometry as a performing tool for bioactive analysis. <i>Journal of Chromatography A</i> , 2016, 1450, 101-111.	1.8	56
48	Hydrophobic interaction chromatography for the characterization of monoclonal antibodies and related products. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 130, 3-18.	1.4	104
49	Impact of organic modifier and temperature on protein denaturation in hydrophobic interaction chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 131, 124-132.	1.4	28
50	Computer assisted liquid chromatographic method development for the separation of therapeutic proteins. <i>Analyst</i> , 2016, 141, 5488-5501.	1.7	22
51	Prototype sphere-on-sphere silica particles for the separation of large biomolecules. <i>Journal of Chromatography A</i> , 2016, 1431, 94-102.	1.8	9
52	Fast and sensitive supercritical fluid chromatography – tandem mass spectrometry multi-class screening method for the determination of doping agents in urine. <i>Analytica Chimica Acta</i> , 2016, 915, 102-110.	2.6	57
53	Evaluation of innovative stationary phase ligand chemistries and analytical conditions for the analysis of basic drugs by supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2016, 1438, 244-253.	1.8	31
54	Analytical Strategies for Doping Control Purposes: Needs, Challenges, and Perspectives. <i>Analytical Chemistry</i> , 2016, 88, 508-523.	3.2	46

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55	Systematic evaluation of matrix effects in hydrophilic interaction chromatography versus reversed phase liquid chromatography coupled to mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1439, 42-53.	1.8	28
56	Comparison of the most recent chromatographic approaches applied for fast and high resolution separations: Theory and practice. <i>Journal of Chromatography A</i> , 2015, 1408, 1-14.	1.8	61
57	Strategies for formulating and delivering poorly water-soluble drugs. <i>Journal of Drug Delivery Science and Technology</i> , 2015, 30, 342-351.	1.4	125
58	New prostaglandin analog formulation for glaucoma treatment containing cyclodextrins for improved stability, solubility and ocular tolerance. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 95, 203-214.	2.0	52
59	Ion-exchange chromatography for the characterization of biopharmaceuticals. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 113, 43-55.	1.4	186
60	Ultra high performance supercritical fluid chromatography coupled with tandem mass spectrometry for screening of doping agents. I: Investigation of mobile phase and MS conditions. <i>Analytica Chimica Acta</i> , 2015, 853, 637-646.	2.6	66
61	Ultra high performance supercritical fluid chromatography coupled with tandem mass spectrometry for screening of doping agents. II: Analysis of biological samples. <i>Analytica Chimica Acta</i> , 2015, 853, 647-659.	2.6	90
62	UHPLC Separations Using Sub-2 μ m Particle Size Columns. , 2015, , 3-32.		0
63	Untargeted profiling of urinary steroid metabolites after testosterone ingestion: opening new perspectives for antidoping testing. <i>Bioanalysis</i> , 2014, 6, 2523-2536.	0.6	25
64	The use of columns packed with sub-2 μ m particles in supercritical fluid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 63, 44-54.	5.8	70
65	Online Microreactor Titanium Dioxide RPLC-LTQ-Orbitrap MS Automated Platform for Shotgun Analysis of (Phospho) Proteins in Human Amniotic Fluid. <i>Chromatographia</i> , 2014, 77, 39-50.	0.7	2
66	Coupling state-of-the-art supercritical fluid chromatography and mass spectrometry: From hyphenation interface optimization to high-sensitivity analysis of pharmaceutical compounds. <i>Journal of Chromatography A</i> , 2014, 1339, 174-184.	1.8	107
67	Theory and practice of size exclusion chromatography for the analysis of protein aggregates. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 101, 161-173.	1.4	226
68	UHPLC determination of catechins for the quality control of green tea. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 88, 307-314.	1.4	50
69	Current and future trends in UHPLC. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 63, 2-13.	5.8	140
70	cIEF for rapid pKa determination of small molecules: A proof of concept. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 63, 14-21.	1.9	10
71	Comparative study of recent wide-pore materials of different stationary phase morphology, applied for the reversed-phase analysis of recombinant monoclonal antibodies. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 3137-3151.	1.9	26
72	State-of-the art of (UHP)LC-MS techniques and their practical application. <i>Journal of Chromatography A</i> , 2013, 1292, 1.	1.8	5

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73	Systematic comparison of sensitivity between hydrophilic interaction liquid chromatography and reversed phase liquid chromatography coupled with mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1312, 49-57.	1.8	73
74	Contribution of various types of liquid chromatography–mass spectrometry instruments to band broadening in fast analysis. <i>Journal of Chromatography A</i> , 2013, 1310, 45-55.	1.8	42
75	High performance affinity chromatography (HPAC) as a high-throughput screening tool in drug discovery to study drug–plasma protein interactions. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 74, 205-212.	1.4	36
76	Maximizing kinetic performance in supercritical fluid chromatography using state-of-the-art instruments. <i>Journal of Chromatography A</i> , 2013, 1314, 288-297.	1.8	94
77	Coupling ultra high-pressure liquid chromatography with mass spectrometry: Constraints and possible applications. <i>Journal of Chromatography A</i> , 2013, 1292, 2-18.	1.8	129
78	Global analytical strategy to measure drug–plasma protein interactions: from high-throughput to in-depth analysis. <i>Drug Discovery Today</i> , 2013, 18, 1030-1034.	3.2	36
79	In vivo distribution and ex vivo permeation of cyclosporine A prodrug aqueous formulations for ocular application. <i>Journal of Controlled Release</i> , 2013, 170, 153-159.	4.8	18
80	Evaluation and comparison of various separation techniques for the analysis of closely-related compounds of pharmaceutical interest. <i>Journal of Chromatography A</i> , 2013, 1282, 172-177.	1.8	52
81	Composite resin vs resin cement for luting of indirect restorations: Comparison of solubility and shrinkage behavior. <i>Dental Materials Journal</i> , 2013, 32, 834-838.	0.8	12
82	Analytical Strategy to Characterize Drug–Plasma Interactions: From High Throughput to In-depth Analysis. <i>Chimia</i> , 2013, 67, 739.	0.3	0
83	Comparison of various silica-based monoliths for the analysis of large biomolecules. <i>Journal of Separation Science</i> , 2013, 36, 2231-2243.	1.3	10
84	New Insights in Pharmaceutical Analysis. <i>Chimia</i> , 2012, 66, 330.	0.3	2
85	Chapter 3. Method Transfer Between Conventional HPLC and UHPLC. <i>RSC Chromatography Monographs</i> , 2012, , 67-101.	0.1	4
86	Comparison of ultra-high performance supercritical fluid chromatography and ultra-high performance liquid chromatography for the analysis of pharmaceutical compounds. <i>Journal of Chromatography A</i> , 2012, 1266, 158-167.	1.8	173
87	The effect of pressure and mobile phase velocity on the retention properties of small analytes and large biomolecules in ultra-high pressure liquid chromatography. <i>Journal of Chromatography A</i> , 2012, 1270, 127-138.	1.8	66
88	Identification and Functional Expression of the Mitochondrial Pyruvate Carrier. <i>Science</i> , 2012, 337, 93-96.	6.0	588
89	New trends in reversed-phase liquid chromatographic separations of therapeutic peptides and proteins: Theory and applications. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 69, 9-27.	1.4	120
90	Evaluation of recent very efficient wide-pore stationary phases for the reversed-phase separation of proteins. <i>Journal of Chromatography A</i> , 2012, 1252, 90-103.	1.8	47

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91	Characterization of drug-protein interactions by capillary electrophoresis hyphenated to mass spectrometry. <i>Electrophoresis</i> , 2012, 33, 3306-3315.	1.3	39
92	Analysis of basic compounds by supercritical fluid chromatography: Attempts to improve peak shape and maintain mass spectrometry compatibility. <i>Journal of Chromatography A</i> , 2012, 1262, 205-213.	1.8	101
93	Impact of mobile phase temperature on recovery and stability of monoclonal antibodies using recent reversed-phase stationary phases. <i>Journal of Separation Science</i> , 2012, 35, 3113-3123.	1.3	62
94	Evaluation of a sheathless nanospray interface based on a porous tip sprayer for CE-ESI-MS coupling. <i>Electrophoresis</i> , 2012, 33, 552-562.	1.3	42
95	Evaluation of columns packed with shell particles with compounds of pharmaceutical interest. <i>Journal of Chromatography A</i> , 2012, 1228, 221-231.	1.8	65
96	Evaluation of a new wide pore core-shell material (Aeris, WIDEPORE) and comparison with other existing stationary phases for the analysis of intact proteins. <i>Journal of Chromatography A</i> , 2012, 1236, 177-188.	1.8	72
97	Method development for pharmaceuticals: Some solutions for tuning selectivity in reversed phase and hydrophilic interaction liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 63, 95-105.	1.4	33
98	Wipe sampling procedure coupled to LC-MS/MS analysis for the simultaneous determination of 10 cytotoxic drugs on different surfaces. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 2499-2509.	1.9	58
99	Current role of liquid chromatography coupled to mass spectrometry in clinical toxicology screening methods. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011, 49, 1091-1103.	1.4	29
100	Analysis of anticancer drugs: A review. <i>Talanta</i> , 2011, 85, 2265-2289.	2.9	413
101	Single-Run Separation of Closely Related Cationic and Anionic Compounds by CE-ESI-MS: Application to the Simultaneous Analysis of Melamine and its Analogs in Milk. <i>Chimia</i> , 2011, 65, 389-395.	0.3	6
102	A steroidomic approach for biomarkers discovery in doping control. <i>Forensic Science International</i> , 2011, 213, 85-94.	1.3	66
103	Analytical aspects in doping control: Challenges and perspectives. <i>Forensic Science International</i> , 2011, 213, 49-61.	1.3	46
104	Analysis of peptides and proteins using sub-2 μ m fully porous and sub-3 μ m shell particles. <i>Journal of Chromatography A</i> , 2011, 1218, 8903-8914.	1.8	33
105	Practical method transfer from high performance liquid chromatography to ultra-high performance liquid chromatography: The importance of frictional heating. <i>Journal of Chromatography A</i> , 2011, 1218, 7971-7981.	1.8	57
106	Quantification of glucuronidated and sulfated steroids in human urine by ultra-high pressure liquid chromatography quadrupole time-of-flight mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 503-516.	1.9	82
107	Quality control of pharmaceutical formulations containing cisplatin, carboplatin, and oxaliplatin by micellar and microemulsion electrokinetic chromatography (MEKC, MEEKC). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 55, 253-258.	1.4	15
108	Intact protein analysis in the biopharmaceutical field. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 55, 810-822.	1.4	150

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109	Quantification of 4 antidepressants and a metabolite by LC-MS for therapeutic drug monitoring. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 1544-1550.	1.2	21
110	New findings in liquid chromatography in the pharmaceutical domain. <i>Bioanalysis</i> , 2011, 3, 5-6.	0.6	0
111	Ultra High Pressure Liquid Chromatography for Crude Plant Extract Profiling. <i>Journal of AOAC INTERNATIONAL</i> , 2011, 94, 51-70.	0.7	59
112	Fast chiral separation of drugs using columns packed with sub-2 µm particles and ultra-high pressure. <i>Chirality</i> , 2010, 22, 320-330.	1.3	48
113	Blood Doping Detection – A New Analytical Approach with Capillary Electrophoresis. <i>Chimia</i> , 2010, 64, 886.	0.3	0
114	New trends in fast and high-resolution liquid chromatography: a critical comparison of existing approaches. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 1069-1082.	1.9	257
115	Forensic and toxicological analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 2377-2378.	1.9	0
116	Drug-protein binding: a critical review of analytical tools. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 53-66.	1.9	326
117	Simultaneous quantification of ten cytotoxic drugs by a validated LC-ESI-MS/MS method. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 3033-3042.	1.9	38
118	Determination of potassium, sodium, calcium and magnesium in total parenteral nutrition formulations by capillary electrophoresis with contactless conductivity detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 130-136.	1.4	35
119	CE-ESI-TOF/MS for human growth hormone analysis. <i>Electrophoresis</i> , 2010, 31, 388-395.	1.3	29
120	Analysis of hemoglobin-based oxygen carriers by CE-UV/Vis and CE-ESI-TOF/MS. <i>Electrophoresis</i> , 2010, 31, 1241-1247.	1.3	31
121	High-throughput log P determination by MEEKC coupled with UV and MS detections. <i>Electrophoresis</i> , 2010, 31, 952-964.	1.3	27
122	Use of organic solvent to prevent protein adsorption in CE-MS experiments. <i>Electrophoresis</i> , 2010, 31, 3326-3333.	1.3	43
123	Knowledge discovery in metabolomics: An overview of MS data handling. <i>Journal of Separation Science</i> , 2010, 33, 290-304.	1.3	158
124	Evaluation of various HILIC materials for the fast separation of polar compounds. <i>Journal of Separation Science</i> , 2010, 33, 752-764.	1.3	107
125	Comparison of columns packed with porous sub-2 µm particles and superficially porous sub-3 µm particles for peptide analysis at ambient and high temperature. <i>Journal of Separation Science</i> , 2010, 33, 2465-2477.	1.3	45
126	Improvement of a capillary electrophoresis/frontal analysis (CE/FA) method for determining binding constants: Discussion on relevant parameters. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 1288-1297.	1.4	39

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127	Coupling ultra-high-pressure liquid chromatography with mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 15-27.	5.8	176
128	Characterization and classification of matrix effects in biological samples analyses. <i>Journal of Chromatography A</i> , 2010, 1217, 4071-4078.	1.8	117
129	Selection of suitable operating conditions to minimize the gradient equilibration time in the separation of drugs by Ultra-High-Pressure Liquid Chromatography with volatile (mass) Tj ETQq1 0.784314 rgBT /Overlock 10 Tf 50 55	1.0	55
130	High throughput qualitative analysis of polyphenols in tea samples by ultra-high pressure liquid chromatography coupled to UV and mass spectrometry detectors. <i>Journal of Chromatography A</i> , 2010, 1217, 6882-6890.	1.8	70
131	Multiple injection technique for the determination and quantitation of insulin formulations by capillary electrophoresis and time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 8041-8047.	1.8	35
132	A systematic investigation of the effect of sample diluent on peak shape in hydrophilic interaction liquid chromatography. <i>Journal of Chromatography A</i> , 2010, 1217, 8230-8240.	1.8	134
133	Advances in LC platforms for drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2010, 5, 475-489.	2.5	20
134	A fast screening strategy for characterizing peptide delivery by transdermal iontophoresis. <i>Journal of Controlled Release</i> , 2009, 137, 123-129.	4.8	12
135	Non-aqueous capillary electrophoresis 2005-2008. <i>Electrophoresis</i> , 2009, 30, 36-49.	1.3	73
136	CE-TOF/MS: Fundamental concepts, instrumental considerations and applications. <i>Electrophoresis</i> , 2009, 30, 1610-1623.	1.3	65
137	Lipophilicity Determination of Highly Lipophilic Compounds by Liquid Chromatography. <i>Chemistry and Biodiversity</i> , 2009, 6, 1828-1836.	1.0	27
138	Development and validation of a liquid chromatography-atmospheric pressure photoionization-mass spectrometry method for the quantification of alprazolam, flunitrazepam, and their main metabolites in haemolysed blood. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 2275-2283.	1.2	30
139	Validation and long-term evaluation of a modified on-line chiral analytical method for therapeutic drug monitoring of (R,S)-methadone in clinical samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 2301-2307.	1.2	18
140	Analytical tools for the physicochemical profiling of drug candidates to predict absorption/distribution. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 394, 707-729.	1.9	68
141	Fast log P determination by ultra-high-pressure liquid chromatography coupled with UV and mass spectrometry detections. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 394, 1919-1930.	1.9	41
142	Determination of suxamethonium in a pharmaceutical formulation by capillary electrophoresis with contactless conductivity detection (CE-C4D). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 49, 333-337.	1.4	20
143	Sample preparation development and matrix effects evaluation for multianalyte determination in urine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 49, 459-467.	1.4	59
144	Therapeutic drug monitoring of seven psychotropic drugs and four metabolites in human plasma by HPLC-MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 50, 1000-1008.	1.4	104

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145	Some solutions to obtain very efficient separations in isocratic and gradient modes using small particles size and ultra-high pressure. <i>Journal of Chromatography A</i> , 2009, 1216, 3232-3243.	1.8	64
146	Two-dimensional liquid chromatography-ion trap mass spectrometry for the simultaneous determination of ketorolac enantiomers and paracetamol in human plasma. <i>Journal of Chromatography A</i> , 2009, 1216, 3851-3856.	1.8	52
147	Metabolite profiling of plant extracts by ultra-high-pressure liquid chromatography at elevated temperature coupled to time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 5660-5668.	1.8	61
148	High-Throughput Screening of Drugs of Abuse in Urine by Supported Liquid-Liquid Extraction and UHPLC Coupled to Tandem MS. <i>Chromatographia</i> , 2009, 70, 1373-1380.	0.7	26
149	Development of an In-Capillary Approach to Nanoscale Automated in Vitro Cytochromes P450 Assays. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 2192-2195.	2.9	21
150	Extraction of amino acids by reverse iontophoresis in vivo. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 72, 226-231.	2.0	33
151	Coupling ultra high-pressure liquid chromatography with single quadrupole mass spectrometry for the analysis of a complex drug mixture. <i>Talanta</i> , 2009, 78, 377-387.	2.9	59
152	Atmospheric pressure photoionization for coupling liquid-chromatography to mass spectrometry: A review. <i>Talanta</i> , 2009, 78, 1-18.	2.9	146
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