Jean-Luc Veuthey

List of Publications by Year
in descending order

249	13,196	19636	36008
papers	citations	61 h-index	97 g-index

253	253	253	10702
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sub/supercritical fluid chromatography versus liquid chromatography for peptide analysis. Journal of Chromatography A, 2022, 1676, 463282.	1.8	6
2	The analysis of cannabinoids in cannabis samples by supercritical fluid chromatography and ultraâ€highâ€performance liquid chromatography: A comparison study. Analytical Science Advances, 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. Analytical Chemistry, 2021, 93, 1285-1293.	3.2	13
4	Use of Ultrashort Columns for Therapeutic Protein Separations. Part 1: Theoretical Considerations and Proof of Concept. Analytical Chemistry, 2021, 93, 1277-1284.	3.2	26
5	Ultraâ€high performance supercritical fluid chromatography coupled to tandem mass spectrometry for antidoping analyses: Assessment of the interâ€laboratory reproducibility with urine samples. Analytical Science Advances, 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. Journal of Chromatography A, 2021, 1642, 462048.	1.8	29
7	Metamorphosis of supercritical fluid chromatography: A viable tool for the analysis of polar compounds?. TrAC - Trends in Analytical Chemistry, 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 Î”9-tetrahydrocannabinol. Journal of Pharmaceutical and Biomedical Analysis, 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. Journal of Pharmaceutical and Biomedical Analysis, 2021, 203, 114206.	1.4	14
10	Supercritical fluid chromatographyâ€“mass spectrometry in routine anti-doping analyses: Estimation of retention time variability under reproducible conditions. Journal of Chromatography A, 2020, 1616, 460780.	1.8	11
11	Investigating the use of unconventional temperatures in supercritical fluid chromatography. Analytica Chimica Acta, 2020, 1134, 84-95.	2.6	10
12	Applicability of Supercritical fluid chromatographyâ€“Mass spectrometry to metabolomics. Iiâ€“Assessment of a comprehensive library of metabolites and evaluation of biological matrices. Journal of Chromatography A, 2020, 1620, 461021.	1.8	34
13	Current and future trends in reversed-phase liquid chromatography-mass spectrometry of therapeutic proteins. TrAC - Trends in Analytical Chemistry, 2020, 130, 115962.	5.8	28
14	Non-invasive targeted iontophoretic delivery of cetuximab to skin. Expert Opinion on Drug Delivery, 2020, 17, 589-602.	2.4	18
15	Coupling non-denaturing chromatography to mass spectrometry for the characterization of monoclonal antibodies and related products. Journal of Pharmaceutical and Biomedical Analysis, 2020, 185, 113207.	1.4	38
16	Preface. Journal of Pharmaceutical and Biomedical Analysis, 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. Journal of Chromatography A, 2020, 1618, 460901.	1.8	13
18	Supercritical fluid chromatography â€“ Mass spectrometry: Recent evolution and current trends. TrAC - Trends in Analytical Chemistry, 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 LCâ€“MS: What is the utility of ion mobility spectrometry?. Journal of Separation Science, 2018, 41, 20-67.	1.3	140
31	Development of a LCâ€“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 â€œsupercritical fluid chromatography â€“ mass spectrometryâ€• Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1095, 275.	1.2	0
35	Highâ€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 â€“ mass spectrometry to metabolomics. I â€“ Optimization of separation conditions for the simultaneous analysis of hydrophilic and lipophilic substances. Journal of Chromatography A, 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. Journal of Pharmaceutical and Biomedical Analysis, 2018, 158, 225-235.	1.4	25
39	Achievable separation performance and analysis time in current liquid chromatographic practice for monoclonal antibody separations. Journal of Pharmaceutical and Biomedical Analysis, 2017, 141, 59-69.	1.4	21
40	Optimized selection of liquid chromatography conditions for wide range analysis of natural compounds. Journal of Chromatography A, 2017, 1504, 91-104.	1.8	28
41	A systematic investigation of sample diluents in modern supercritical fluid chromatography. Journal of Chromatography A, 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. Journal of Pharmaceutical and Biomedical Analysis, 2017, 144, 242-251.	1.4	25
43	Theory and Practice of UHPLC and UHPLCâ€“MS. , 2017, , 1-38.		1
44	Evaluation of thermally pretreated silica stationary phases under hydrophilic interaction chromatography conditions. Journal of Separation Science, 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. Journal of Chromatography A, 2016, 1451, 145-155.	1.8	60
46	Potential of hydrophilic interaction chromatography for the analytical characterization of protein biopharmaceuticals. Journal of Chromatography A, 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. Journal of Chromatography A, 2016, 1450, 101-111.	1.8	56
48	Hydrophobic interaction chromatography for the characterization of monoclonal antibodies and related products. Journal of Pharmaceutical and Biomedical Analysis, 2016, 130, 3-18.	1.4	104
49	Impact of organic modifier and temperature on protein denaturation in hydrophobic interaction chromatography. Journal of Pharmaceutical and Biomedical Analysis, 2016, 131, 124-132.	1.4	28
50	Computer assisted liquid chromatographic method development for the separation of therapeutic proteins. Analyst, The, 2016, 141, 5488-5501.	1.7	22
51	Prototype sphere-on-sphere silica particles for the separation of large biomolecules. Journal of Chromatography A, 2016, 1431, 94-102.	1.8	9
52	Fast and sensitive supercritical fluid chromatography â€“ tandem mass spectrometry multi-class screening method for the determination of doping agents in urine. Analytica Chimica Acta, 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. Journal of Chromatography A, 2016, 1438, 244-253.	1.8	31
54	Analytical Strategies for Doping Control Purposes: Needs, Challenges, and Perspectives. Analytical Chemistry, 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. Journal of Chromatography A, 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. Journal of Chromatography A, 2015, 1408, 1-14.	1.8	61
57	Strategies for formulating and delivering poorly water-soluble drugs. Journal of Drug Delivery Science and Technology, 2015, 30, 342-351.	1.4	125
58	New prostaglandin analog formulation for glaucoma treatment containing cyclodextrins for improved stability, solubility and ocular tolerance. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 95, 203-214.	2.0	52
59	Ion-exchange chromatography for the characterization of biopharmaceuticals. Journal of Pharmaceutical and Biomedical Analysis, 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. Analytica Chimica Acta, 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. Analytica Chimica Acta, 2015, 853, 647-659.	2.6	90
62	UHPLC Separations Using Sub-2Î¼m Particle Size Columns. , 2015, , 3-32.		0
63	Untargeted profiling of urinary steroid metabolites after testosterone ingestion: opening new perspectives for antidoping testing. Bioanalysis, 2014, 6, 2523-2536.	0.6	25
64	The use of columns packed with sub-2â€‰Âµm particles in supercritical fluid chromatography. TrAC - Trends in Analytical Chemistry, 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. Chromatographia, 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. Journal of Chromatography A, 2014, 1339, 174-184.	1.8	107
67	Theory and practice of size exclusion chromatography for the analysis of protein aggregates. Journal of Pharmaceutical and Biomedical Analysis, 2014, 101, 161-173.	1.4	226
68	UHPLC determination of catechins for the quality control of green tea. Journal of Pharmaceutical and Biomedical Analysis, 2014, 88, 307-314.	1.4	50
69	Current and future trends in UHPLC. TrAC - Trends in Analytical Chemistry, 2014, 63, 2-13.	5.8	140
70	cIEF for rapid pKa determination of small molecules: A proof of concept. European Journal of Pharmaceutical Sciences, 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. Analytical and Bioanalytical Chemistry, 2013, 405, 3137-3151.	1.9	26
72	State-of-the art of (UHP)LCâ€“MS(â€“MS) techniques and their practical application. Journal of Chromatography A, 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. Journal of Chromatography A, 2013, 1312, 49-57.	1.8	73
74	Contribution of various types of liquid chromatographyâ€“mass spectrometry instruments to band broadening in fast analysis. Journal of Chromatography A, 2013, 1310, 45-55.	1.8	42
75	High performance affinity chromatography (HPAC) as a high-throughput screening tool in drug discovery to study drugâ€“plasma protein interactions. Journal of Pharmaceutical and Biomedical Analysis, 2013, 74, 205-212.	1.4	36
76	Maximizing kinetic performance in supercritical fluid chromatography using state-of-the-art instruments. Journal of Chromatography A, 2013, 1314, 288-297.	1.8	94
77	Coupling ultra high-pressure liquid chromatography with mass spectrometry: Constraints and possible applications. Journal of Chromatography A, 2013, 1292, 2-18.	1.8	129
78	Global analytical strategy to measure drugâ€“plasma protein interactions: from high-throughput to in-depth analysis. Drug Discovery Today, 2013, 18, 1030-1034.	3.2	36
79	In vivo distribution and ex vivo permeation of cyclosporine A prodrug aqueous formulations for ocular application. Journal of Controlled Release, 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. Journal of Chromatography A, 2013, 1282, 172-177.	1.8	52
81	Composite resin vs resin cement for luting of indirect restorations: Comparison of solubility and shrinkage behavior. Dental Materials Journal, 2013, 32, 834-838.	0.8	12
82	Analytical Strategy to Characterize Drugâ€“Plasma Interactions: From High Throughput to In-depth Analysis. Chimia, 2013, 67, 739.	0.3	0
83	Comparison of various silica-based monoliths for the analysis of large biomoleculesâ€. Journal of Separation Science, 2013, 36, 2231-2243.	1.3	10
84	New Insights in Pharmaceutical Analysis. Chimia, 2012, 66, 330.	0.3	2
85	Chapter 3. Method Transfer Between Conventional HPLC and UHPLC. RSC Chromatography Monographs, 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. Journal of Chromatography A, 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. Journal of Chromatography A, 2012, 1270, 127-138.	1.8	66
88	Identification and Functional Expression of the Mitochondrial Pyruvate Carrier. Science, 2012, 337, 93-96.	6.0	588
89	New trends in reversed-phase liquid chromatographic separations of therapeutic peptides and proteins: Theory and applications. Journal of Pharmaceutical and Biomedical Analysis, 2012, 69, 9-27.	1.4	120
90	Evaluation of recent very efficient wide-pore stationary phases for the reversed-phase separation of proteins. Journal of Chromatography A, 2012, 1252, 90-103.	1.8	47

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91	Characterization of drugâ€“protein interactions by capillary electrophoresis hyphenated to mass spectrometry. Electrophoresis, 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. Journal of Chromatography A, 2012, 1262, 205-213.	1.8	101
93	Impact of mobile phase temperature on recovery and stability of monoclonal antibodies using recent reversedâ€phase stationary phases. Journal of Separation Science, 2012, 35, 3113-3123.	1.3	62
94	Evaluation of a sheathless nanospray interface based on a porous tip sprayer for CEâ€ESIâ€MS coupling. Electrophoresis, 2012, 33, 552-562.	1.3	42
95	Evaluation of columns packed with shell particles with compounds of pharmaceutical interest. Journal of Chromatography A, 2012, 1228, 221-231.	1.8	65
96	Evaluation of a new wide pore coreâ€“shell material (Aerisâ„¢ WIDEPORE) and comparison with other existing stationary phases for the analysis of intact proteins. Journal of Chromatography A, 2012, 1236, 177-188.	1.8	72
97	Method development for pharmaceutics: Some solutions for tuning selectivity in reversed phase and hydrophilic interaction liquid chromatography. Journal of Pharmaceutical and Biomedical Analysis, 2012, 63, 95-105.	1.4	33
98	Wipe sampling procedure coupled to LCâ€“MS/MS analysis for the simultaneous determination of 10 cytotoxic drugs on different surfaces. Analytical and Bioanalytical Chemistry, 2012, 402, 2499-2509.	1.9	58
99	Current role of liquid chromatography coupled to mass spectrometry in clinical toxicology screening methods. Clinical Chemistry and Laboratory Medicine, 2011, 49, 1091-1103.	1.4	29
100	Analysis of anticancer drugs: A review. Talanta, 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. Chimia, 2011, 65, 389-395.	0.3	6
102	A steroidomic approach for biomarkers discovery in doping control. Forensic Science International, 2011, 213, 85-94.	1.3	66
103	Analytical aspects in doping control: Challenges and perspectives. Forensic Science International, 2011, 213, 49-61.	1.3	46
104	Analysis of peptides and proteins using sub-2Î¼m fully porous and sub 3-Î¼m shell particles. Journal of Chromatography A, 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. Journal of Chromatography A, 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. Analytical and Bioanalytical Chemistry, 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). Journal of Pharmaceutical and Biomedical Analysis, 2011, 55, 253-258.	1.4	15
108	Intact protein analysis in the biopharmaceutical field. Journal of Pharmaceutical and Biomedical Analysis, 2011, 55, 810-822.	1.4	150

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109	Quantification of 4 antidepressants and a metabolite by LCâ€“MS for therapeutic drug monitoring. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 1544-1550.	1.2	21
110	New findings in liquid chromatography in the pharmaceutical domain. Bioanalysis, 2011, 3, 5-6.	0.6	0
111	Ultra High Pressure Liquid Chromatography for Crude Plant Extract Profiling. Journal of AOAC INTERNATIONAL, 2011, 94, 51-70.	0.7	59
112	Fast chiral separation of drugs using columns packed with subâ€2 Î¼m particles and ultraâ€high pressure. Chirality, 2010, 22, 320-330.	1.3	48
113	Blood Doping Detection â€“ A New Analytical Approach with Capillary Electrophoresis. Chimia, 2010, 64, 886.	0.3	0
114	New trends in fast and high-resolution liquid chromatography: a critical comparison of existing approaches. Analytical and Bioanalytical Chemistry, 2010, 397, 1069-1082.	1.9	257
115	Forensic and toxicological analysis. Analytical and Bioanalytical Chemistry, 2010, 396, 2377-2378.	1.9	0
116	Drugâ€“protein binding: a critical review of analytical tools. Analytical and Bioanalytical Chemistry, 2010, 398, 53-66.	1.9	326
117	Simultaneous quantification of ten cytotoxic drugs by a validated LCâ€“ESIâ€“MS/MS method. Analytical and Bioanalytical Chemistry, 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. Journal of Pharmaceutical and Biomedical Analysis, 2010, 53, 130-136.	1.4	35
119	CEâ€ESIâ€TOF/MS for human growth hormone analysis. Electrophoresis, 2010, 31, 388-395.	1.3	29
120	Analysis of hemoglobinâ€based oxygen carriers by CEâ€UV/Vis and CEâ€ESIâ€TOF/MS. Electrophoresis, 2010, 31, 1241-1247.	1.3	31
121	Highâ€throughput log P determination by MEEKC coupled with UV and MS detections. Electrophoresis, 2010, 31, 952-964.	1.3	27
122	Use of organic solvent to prevent protein adsorption in CEâ€MS experiments. Electrophoresis, 2010, 31, 3326-3333.	1.3	43
123	Knowledge discovery in metabolomics: An overview of MS data handling. Journal of Separation Science, 2010, 33, 290-304.	1.3	158
124	Evaluation of various HILIC materials for the fast separation of polar compounds. Journal of Separation Science, 2010, 33, 752-764.	1.3	107
125	Comparison of columns packed with porous subâ€2â€‰Î¼m particles and superficially porous subâ€3â€‰Î¼m particles for peptide analysis at ambient and high temperature. Journal of Separation Science, 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. Journal of Pharmaceutical and Biomedical Analysis, 2010, 53, 1288-1297.	1.4	39

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127	Coupling ultra-high-pressure liquid chromatography with mass spectrometry. TrAC - Trends in Analytical Chemistry, 2010, 29, 15-27.	5.8	176
128	Characterization and classification of matrix effects in biological samples analyses. Journal of Chromatography A, 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 1 0.784314 rgBT /Overlock 10 Tf 50 65	1.8	10
130	High throughput qualitative analysis of polyphenols in tea samples by ultra-high pressure liquid chromatography coupled to UV and mass spectrometry detectors. Journal of Chromatography A, 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. Journal of Chromatography A, 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. Journal of Chromatography A, 2010, 1217, 8230-8240.	1.8	134
133	Advances in LC platforms for drug discovery. Expert Opinion on Drug Discovery, 2010, 5, 475-489.	2.5	20
134	A fast screening strategy for characterizing peptide delivery by transdermal iontophoresis. Journal of Controlled Release, 2009, 137, 123-129.	4.8	12
135	Nonâ€aqueous capillary electrophoresis 2005â€“2008. Electrophoresis, 2009, 30, 36-49.	1.3	73
136	CEâ€TOF/MS: Fundamental concepts, instrumental considerations and applications. Electrophoresis, 2009, 30, 1610-1623.	1.3	65
137	Lipophilicity Determination of Highly Lipophilic Compounds by Liquid Chromatography. Chemistry and Biodiversity, 2009, 6, 1828-1836.	1.0	27
138	Development and validation of a liquid chromatographyâ€“atmospheric pressure photoionizationâ€“mass spectrometry method for the quantification of alprazolam, flunitrazepam, and their main metabolites in haemolysed blood. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 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. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 2301-2307.	1.2	18
140	Analytical tools for the physicochemical profiling of drug candidates to predict absorption/distribution. Analytical and Bioanalytical Chemistry, 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. Analytical and Bioanalytical Chemistry, 2009, 394, 1919-1930.	1.9	41
142	Determination of suxamethonium in a pharmaceutical formulation by capillary electrophoresis with contactless conductivity detection (CE-C4D). Journal of Pharmaceutical and Biomedical Analysis, 2009, 49, 333-337.	1.4	20
143	Sample preparation development and matrix effects evaluation for multianalyte determination in urine. Journal of Pharmaceutical and Biomedical Analysis, 2009, 49, 459-467.	1.4	59
144	Therapeutic drug monitoring of seven psychotropic drugs and four metabolites in human plasma by HPLCâ€“MS. Journal of Pharmaceutical and Biomedical Analysis, 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. Journal of Chromatography A, 2009, 1216, 3232-3243.	1.8	64
146	Two-dimensional liquid chromatographyâ€“ion trap mass spectrometry for the simultaneous determination of ketorolac enantiomers and paracetamol in human plasma. Journal of Chromatography A, 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. Journal of Chromatography A, 2009, 1216, 5660-5668.	1.8	61
148	High-Throughput Screening of Drugs of Abuse in Urine by Supported Liquidâ€“Liquid Extraction and UHPLC Coupled to Tandem MS. Chromatographia, 2009, 70, 1373-1380.	0.7	26
149	Development of an In-Capillary Approach to Nanoscale Automated in Vitro Cytochromes P450 Assays. Journal of Medicinal Chemistry, 2009, 52, 2192-2195.	2.9	21
150	Extraction of amino acids by reverse iontophoresis in vivo. European Journal of Pharmaceutics and Biopharmaceutics, 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. Talanta, 2009, 78, 377-387.	2.9	59
152	Atmospheric pressure photoionization for coupling liquid-chromatography to mass spectrometry: A review. Talanta, 2009, 78, 1-18.	2.9	146
153	A New Capillary Electrophoresis Device with Deep UV Detector Based on LED Technology. Chimia, 2009, 63, 890.	0.3	6
154	Profiling of 19-norsteroid sulfoconjugates in human urine by liquid chromatography mass spectrometry. Analytica Chimica Acta, 2008, 613, 228-237.	2.6	18
155	Validation of an ultraâ€fast UPLCâ€UV method for the separation of antituberculosis tablets. Journal of Separation Science, 2008, 31, 1050-1056.	1.3	28
156	Fastâ€GCâ€“conventional quadrupole mass spectrometry in essential oil analysis. Journal of Separation Science, 2008, 31, 1074-1084.	1.3	34
157	Evaluation of the coupling between ultra performance liquid chromatography and evaporative light scattering detector for selected phytochemical applications. Journal of Separation Science, 2008, 31, 2377-2387.	1.3	14
158	Validation of chiral capillary electrophoresisâ€electrospray ionizationâ€mass spectrometry methods for ecstasy and methadone in plasma. Electrophoresis, 2008, 29, 2193-2202.	1.3	48
159	Microemulsion electrokinetic chromatography hyphenated to atmospheric pressure photoionization mass spectrometry. Electrophoresis, 2008, 29, 11-19.	1.3	42
160	Optimized liquid chromatographyâ€“mass spectrometry approach for the isolation of minor stress biomarkers in plant extracts and their identification by capillary nuclear magnetic resonance. Journal of Chromatography A, 2008, 1180, 90-98.	1.8	97
161	Highly sensitive detection of pharmaceutical compounds in biological fluids using capillary electrophoresis coupled with laser-induced native fluorescence. Journal of Chromatography A, 2008, 1204, 183-190.	1.8	15
162	Isolation and quantification by high-performance liquid chromatographyâ€“ion-trap mass spectrometry of androgen sulfoconjugates in human urine. Journal of Chromatography A, 2008, 1196-1197, 153-160.	1.8	44

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163	Simultaneous quantification of cyclosporine, tacrolimus, sirolimus and everolimus in whole blood by liquid chromatographyâ€“electrospray mass spectrometry. Clinical Biochemistry, 2008, 41, 728-735.	0.8	53
164	Quantification of cyclosporine and tacrolimus in whole blood. Comparison of liquid chromatographyâ€“electrospray mass spectrometry with the enzyme multiplied immunoassay technique. Clinical Biochemistry, 2008, 41, 910-913.	0.8	39
165	High-Throughput logâ€‰P Determination by Ultraperformance Liquid Chromatography: A Convenient Tool for Medicinal Chemists. Journal of Medicinal Chemistry, 2008, 51, 396-399.	2.9	34
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