

Robert A Shellie

List of Publications by Year in descending order

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135
papers

4,432
citations

101384

36
h-index

128067

60
g-index

137
all docs

137
docs citations

137
times ranked

3496
citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying aroma-active compounds in coffee-flavored dairy beverages. <i>Journal of Food Science</i> , 2022, 87, 982-997.	1.5	4
2	Automated liquid-liquid extraction of organic compounds from aqueous samples using a multifunction autosampler syringe. <i>Journal of Chromatography A</i> , 2021, 1642, 462032.	1.8	13
3	Consumer Acceptance of Brown and White Rice Varieties. <i>Foods</i> , 2021, 10, 1950.	1.9	15
4	Advances in Automated Piston Liquid-Liquid Microextraction Technique. <i>Journal of Chromatography A</i> , 2021, 1651, 462330.	1.8	1
5	The effect of fat and coffee concentration on the consumer acceptance of iced coffee beverages. <i>Journal of Food Science</i> , 2021, 86, 5004-5015.	1.5	2
6	Development of polydimethylsiloxane-microdiamond composite materials for application as sorptive devices. <i>Journal of Chromatography A</i> , 2020, 1613, 460669.	1.8	5
7	Hop (<i>Humulus lupulus</i> L.) Volatiles Variation During Storage. <i>Journal of the American Society of Brewing Chemists</i> , 2020, 78, 114-125.	0.8	2
8	Unravelling the relationship between aroma compounds and consumer acceptance: Coffee as an example. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2020, 19, 2380-2420.	5.9	30
9	Uniformity and Sensitivity Improvements in Comprehensive Two-Dimensional Gas Chromatography Using Flame Ionization Detection with Post-Column Reaction. <i>Analytical Chemistry</i> , 2019, 91, 11223-11230.	3.2	6
10	Assessment of the phytochemical profiles of novel hop (<i>Humulus lupulus</i> L.) cultivars: A potential route to beer crafting. <i>Food Chemistry</i> , 2019, 275, 15-23.	4.2	25
11	Rapid Plant Volatiles Screening Using Headspace SPME and Person-Portable Gas Chromatography-Mass Spectrometry. <i>Chromatographia</i> , 2019, 82, 297-305.	0.7	16
12	On-line solvent exchange system: Automation from extraction to analysis. <i>Analytica Chimica Acta</i> , 2019, 1047, 231-237.	2.6	5
13	Direct Measurement of Elemental Mercury Using Multidimensional Gas Chromatography with Microwave-Induced Helium Plasma Atomic Emission Spectroscopy. <i>ACS Earth and Space Chemistry</i> , 2018, 2, 471-478.	1.2	16
14	Sequential Hybrid Three-Dimensional Gas Chromatography with Accurate Mass Spectrometry: A Novel Tool for High-Resolution Characterization of Multicomponent Samples. <i>Analytical Chemistry</i> , 2018, 90, 5264-5271.	3.2	26
15	Evaporative membrane modulation for comprehensive two-dimensional liquid chromatography. <i>Analytica Chimica Acta</i> , 2018, 1000, 303-309.	2.6	26
16	Chemotyping of new hop (<i>Humulus lupulus</i> L.) genotypes using comprehensive two-dimensional gas chromatography with quadrupole accurate mass time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2018, 1536, 110-121.	1.8	29
17	Miniaturized micromachined gas chromatography with universal and selective detectors for targeted volatile compounds analysis. <i>Journal of Chromatography A</i> , 2018, 1573, 151-155.	1.8	10
18	Positive Temperature Coefficient Compensating Heating for Analytical Devices. <i>Analytical Chemistry</i> , 2018, 90, 6426-6430.	3.2	8

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19	Gas chromatography with simultaneous detection: Ultraviolet spectroscopy, flame ionization, and mass spectrometry. <i>Journal of Chromatography A</i> , 2018, 1563, 171-179.	1.8	7
20	Poly(ethylene glycol) functionalization of monolithic poly(divinyl benzene) for improved miniaturized solid phase extraction of protein-rich samples. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 2189-2199.	1.9	15
21	Gas chromatography with diode array detection in series with flame ionisation detection. <i>Journal of Chromatography A</i> , 2017, 1500, 153-159.	1.8	8
22	A simplified approach in flow controlled multi-dimensional gas chromatography. <i>Analytical Methods</i> , 2017, 9, 2835-2839.	1.3	2
23	Differential ion mobility spectrometry with temperature programmable micromachined gas chromatography for the determination of bis(chloromethyl)ether. <i>Analytical Methods</i> , 2017, 9, 5003-5008.	1.3	1
24	Longitudinal On-Column Thermal Modulation for Comprehensive Two-Dimensional Liquid Chromatography. <i>Analytical Chemistry</i> , 2017, 89, 1123-1130.	3.2	19
25	Membrane assisted and temperature controlled on-line evaporative concentration for microfluidics. <i>Journal of Chromatography A</i> , 2017, 1486, 110-116.	1.8	9
26	Parallel comprehensive two-dimensional gas chromatography. <i>Journal of Chromatography A</i> , 2017, 1524, 202-209.	1.8	7
27	Gas chromatography and diode array detection for the direct measurement of carbon disulfide in challenging matrices. <i>Analytical Methods</i> , 2017, 9, 3908-3913.	1.3	5
28	Enhanced methodology for porting ion chromatography retention data. <i>Journal of Chromatography A</i> , 2016, 1436, 59-63.	1.8	8
29	Discovery of Biomarkers for Tasmanian Devil Cancer (DFTD) by Metabolic Profiling of Serum. <i>Journal of Proteome Research</i> , 2016, 15, 3827-3840.	1.8	13
30	Evaluation of a miniaturised single-stage thermal modulator for comprehensive two-dimensional gas chromatography of petroleum contaminated soils. <i>Journal of Chromatography A</i> , 2016, 1463, 162-168.	1.8	17
31	Thermal Independent Modulator for Comprehensive Two-Dimensional Gas Chromatography. <i>Analytical Chemistry</i> , 2016, 88, 8428-8432.	3.2	45
32	Trace-level screening of dichlorophenols in processed dairy milk by headspace gas chromatography. <i>Journal of Separation Science</i> , 2016, 39, 3957-3963.	1.3	7
33	Tryptophan metabolism, its relation to inflammation and stress markers and association with psychological and cognitive functioning: Tasmanian Chronic Kidney Disease pilot study. <i>BMC Nephrology</i> , 2016, 17, 171.	0.8	70
34	Computer-assisted simulation and optimisation of retention in ion chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 80, 625-635.	5.8	9
35	Porous, High Capacity Coatings for Solid Phase Microextraction by Sputtering. <i>Analytical Chemistry</i> , 2016, 88, 1593-1600.	3.2	22
36	Simple, quantitative method for low molecular weight dissolved organic matter extracted from natural waters based upon high performance counter-current chromatography. <i>Analytica Chimica Acta</i> , 2016, 909, 129-138.	2.6	6

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37	Real-Time Mass Spectrometry Monitoring of Oak Wood Toasting: Elucidating Aroma Development Relevant to Oak-aged Wine Quality. <i>Scientific Reports</i> , 2015, 5, 17334.	1.6	20
38	Determination of ethylene glycol in lubricants by derivatization static headspace gas chromatography. <i>Analytical Methods</i> , 2015, 7, 5545-5550.	1.3	3
39	Back-flushing and heart cut capillary gas chromatography using planar microfluidic Deans TM switching for the separation of benzene and alkylbenzenes in industrial samples. <i>Journal of Chromatography A</i> , 2015, 1421, 123-128.	1.8	4
40	Performance comparison of partial least squares-related variable selection methods for quantitative structure retention relationships modelling of retention times in reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2015, 1424, 69-76.	1.8	41
41	Comment on "Structural characterization of dissolved organic matter: a review of current techniques for isolation and analysis" by E. C. Minor, M. M. Swenson, B. M. Mattson, and A. R. Oyler, <i>Environ. Sci.: Processes Impacts</i> , 2014, 16, 2064. <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 495-496.	1.7	6
42	Computer-assisted multi-segment gradient optimization in ion chromatography. <i>Journal of Chromatography A</i> , 2015, 1381, 101-109.	1.8	9
43	Online Comprehensive Two-Dimensional Ion Chromatography – Capillary Electrophoresis. <i>Analytical Chemistry</i> , 2015, 87, 8673-8678.	3.2	15
44	Characterization of large surface area polymer monoliths and their utility for rapid, selective solid phase extraction for improved sample clean up. <i>Journal of Chromatography A</i> , 2015, 1410, 9-18.	1.8	25
45	Piston-cylinder based micro liquid-liquid extraction with GC-qMS for trace analysis of targeted chlorinated organic compounds in water. <i>Canadian Journal of Chemistry</i> , 2015, 93, 1283-1289.	0.6	3
46	Direct Measurement of Trace Elemental Mercury in Hydrocarbon Matrices by Gas Chromatography with Ultraviolet Photometric Detection. <i>Analytical Chemistry</i> , 2015, 87, 11429-11432.	3.2	14
47	Capillary ion chromatography with on-column focusing for ultra-trace analysis of methanesulfonate and inorganic anions in limited volume Antarctic ice core samples. <i>Journal of Chromatography A</i> , 2015, 1409, 182-188.	1.8	12
48	Chromatographic methods for the isolation, separation and characterisation of dissolved organic matter. <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 1531-1567.	1.7	52
49	Multiplexed dual first-dimension comprehensive two-dimensional gas chromatography-mass spectrometry with contra-directional thermal modulation. <i>Journal of Chromatography A</i> , 2014, 1365, 183-190.	1.8	10
50	Assessment of the complementarity of temperature and flow-rate for response normalisation of aerosol-based detectors. <i>Journal of Chromatography A</i> , 2014, 1356, 180-187.	1.8	11
51	Semiautomated pH Gradient Ion-Exchange Chromatography of Monoclonal Antibody Charge Variants. <i>Analytical Chemistry</i> , 2014, 86, 9794-9799.	3.2	17
52	Determination of furfurals in Manuka honey using piston-cylinder liquid-liquid extraction and gas chromatography. <i>Journal of Chromatography A</i> , 2014, 1362, 43-48.	1.8	9
53	Multidimensional GC using planar microfluidic devices for the characterization of phenolic antioxidants in fuels. <i>Journal of Separation Science</i> , 2013, 36, 2738-2745.	1.3	7
54	Determination of trace ethylene glycol in industrial solvents and lubricants using phenyl boronic acid derivatization and multidimensional gas chromatography. <i>Analytica Chimica Acta</i> , 2013, 805, 101-106.	2.6	10

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55	Planar microfluidic devices in flow modulated comprehensive two dimensional gas chromatography for challenging petrochemical applications. <i>Analytical Methods</i> , 2013, 5, 6598.	1.3	14
56	Multidimensional gas chromatography for the characterization of permanent gases and light hydrocarbons in catalytic cracking process. <i>Journal of Chromatography A</i> , 2013, 1271, 185-191.	1.8	20
57	Applications of planar microfluidic devices and gas chromatography for complex problem solving. <i>Journal of Separation Science</i> , 2013, 36, 182-191.	1.3	23
58	Tandem sulfur chemiluminescence and flame ionization detection with planar microfluidic devices for the characterization of sulfur compounds in hydrocarbon matrices. <i>Journal of Chromatography A</i> , 2013, 1297, 231-235.	1.8	12
59	Applications of resistive heating in gas chromatography: A review. <i>Analytica Chimica Acta</i> , 2013, 803, 2-14.	2.6	26
60	Multidimensional gas chromatography using microfluidic switching and low thermal mass gas chromatography for the characterization of targeted volatile organic compounds. <i>Journal of Chromatography A</i> , 2013, 1288, 105-110.	1.8	13
61	Characterization of Phenol and Alkyl Phenols in Organic Matrixes with Monoethylene Glycol Extraction and Multidimensional Gas Chromatography/Mass Spectrometry. <i>Analytical Chemistry</i> , 2013, 85, 6219-6223.	3.2	10
62	Multiplexed dual second-dimension column comprehensive two-dimensional gas chromatography (GC _A -2GC) using thermal modulation and contra-directional second-dimension columns. <i>Analytica Chimica Acta</i> , 2013, 803, 160-165.	2.6	7
63	CAPILLARY ELECTROPHORESIS Low Molecular Mass Ions. , 2013, , .		0
64	Temperature-Programmable Resistively Heated Micromachined Gas Chromatography and Differential Mobility Spectrometry Detection for the Determination of Non-Sulfur Odorants in Natural Gas. <i>Analytical Chemistry</i> , 2013, 85, 3369-3373.	3.2	9
65	Data Reduction in Comprehensive Two-Dimensional Gas Chromatography for Rapid and Repeatable Automated Data Analysis. <i>Analytical Chemistry</i> , 2012, 84, 6501-6507.	3.2	20
66	A simplified approach to direct SPE-MS. <i>Journal of Separation Science</i> , 2012, 35, 2399-2406.	1.3	27
67	Multi-dimensional gas chromatography with a planar microfluidic device for the characterization of volatile oxygenated organic compounds. <i>Journal of Chromatography A</i> , 2012, 1255, 216-220.	1.8	13
68	Temperature Pulsing for Controlling Chromatographic Resolution in Capillary Liquid Chromatography. <i>Analytical Chemistry</i> , 2012, 84, 3362-3368.	3.2	17
69	Temperature-programmable low thermal mass silicon micromachined gas chromatography and differential mobility detection for the fast analysis of trace level of ethylene oxide in medical work place atmospheres. <i>Journal of Chromatography A</i> , 2012, 1261, 136-141.	1.8	4
70	Direct measurement of part-per-billion levels of dimethyl sulfoxide in water by gas chromatography with stacked injection and chemiluminescence detection. <i>Journal of Separation Science</i> , 2012, 35, 1486-1493.	1.3	3
71	Resistively heated temperature programmable silicon micromachined gas chromatography with differential mobility spectrometry. <i>International Journal for Ion Mobility Spectrometry</i> , 2012, 15, 179-187.	1.4	6
72	Ultra-trace level analysis of morpholine, cyclohexylamine, and diethylaminoethanol in steam condensate by gas chromatography with multi-mode inlet, and flame ionization detection. <i>Journal of Chromatography A</i> , 2012, 1229, 223-229.	1.8	12

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73	Identification of Inorganic Improvised Explosive Devices Using Sequential Injection Capillary Electrophoresis and Contactless Conductivity Detection. <i>Analytical Chemistry</i> , 2011, 83, 9068-9075.	3.2	71
74	Kinetic optimisation of open-tubular liquid-chromatography capillaries coated with thick porous layers for increased loadability. <i>Journal of Chromatography A</i> , 2011, 1218, 8388-8393.	1.8	45
75	Determination of bromate in sea water using multi-dimensional matrix-elimination ion chromatography. <i>Journal of Chromatography A</i> , 2011, 1218, 9080-9085.	1.8	35
76	Factors affecting peak shape in comprehensive two-dimensional gas chromatography with non-focusing modulation. <i>Journal of Chromatography A</i> , 2011, 1218, 3153-3158.	1.8	20
77	Coupled reversed-phase and ion chromatographic system for the simultaneous identification of inorganic and organic explosives. <i>Journal of Chromatography A</i> , 2011, 1218, 3007-3012.	1.8	20
78	Methodology for porting retention prediction data from old to new columns and from conventional-scale to miniaturised ion chromatography systems. <i>Journal of Chromatography A</i> , 2011, 1218, 5512-5519.	1.8	7
79	Kinetic performance optimisation for liquid chromatography: Principles and practice. <i>Journal of Separation Science</i> , 2011, 34, 877-887.	1.3	27
80	High temperature liquid chromatography of intact proteins using organic polymer monoliths and alternative solvent systems. <i>Journal of Chromatography A</i> , 2010, 1217, 3519-3524.	1.8	27
81	Kinetic performance appraisal of poly(styrene-co-divinylbenzene) monolithic high-performance liquid chromatography columns for biomolecule analysis. <i>Journal of Chromatography A</i> , 2010, 1217, 3765-3769.	1.8	15
82	Probing the kinetic performance limits for ion chromatography. II. Gradient conditions for small ions. <i>Journal of Chromatography A</i> , 2010, 1217, 5063-5068.	1.8	14
83	Comprehensive two-dimensional liquid chromatography: Ion chromatography—reversed-phase liquid chromatography for separation of low-molar-mass organic acids. <i>Journal of Chromatography A</i> , 2010, 1217, 6742-6746.	1.8	30
84	Probing the kinetic performance limits for ion chromatography. I. Isocratic conditions for small ions. <i>Journal of Chromatography A</i> , 2010, 1217, 5057-5062.	1.8	8
85	Design Considerations For Pulsed-Flow Comprehensive Two-Dimensional GC: Dynamic Flow Model Approach. <i>Journal of Chromatographic Science</i> , 2010, 48, 245-250.	0.7	14
86	Analysis of Fresh and Aged Tea Tree Essential Oils By Using GCxGC-qMS. <i>Journal of Chromatographic Science</i> , 2010, 48, 262-266.	0.7	42
87	Varietal characterization of hop (<i>Humulus lupulus</i> L.) by GC-MS analysis of hop cone extracts. <i>Journal of Separation Science</i> , 2009, 32, 3720-3725.	1.3	33
88	Application of retention modelling to the simulation of separation of organic anions in suppressed ion chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 6600-6610.	1.8	24
89	Two-dimensional ion chromatography using tandem ion-exchange columns with gradient-pulse column switching. <i>Journal of Chromatography A</i> , 2009, 1216, 6931-6937.	1.8	18
90	Fast ion chromatography using short anion exchange columns. <i>Journal of Chromatography A</i> , 2009, 1216, 8512-8517.	1.8	10

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91	High temperature liquid chromatography with monolithic capillary columns and pure watereluent. <i>Analyst, The</i> , 2009, 134, 440-442.	1.7	25
92	Chapter 9 Volatile Components of Plants, Essential Oils, and Fragrances. <i>Comprehensive Analytical Chemistry</i> , 2009, 55, 189-213.	0.7	7
93	Column selection for comprehensive multidimensional ion chromatography. <i>Journal of Separation Science</i> , 2008, 31, 3287-3296.	1.3	22
94	High-speed, low-pressure gas chromatographyâ€“mass spectrometry for essential oil analysis. <i>Journal of Chromatography A</i> , 2008, 1200, 28-33.	1.8	10
95	Packing procedures for high efficiency, short ion-exchange columns for rapid separation of inorganic anions. <i>Journal of Chromatography A</i> , 2008, 1208, 95-100.	1.8	20
96	Identification of homemade inorganic explosives by ion chromatographic analysis of post-blast residues. <i>Journal of Chromatography A</i> , 2008, 1182, 205-214.	1.8	86
97	Prediction of Analyte Retention for Ion Chromatography Separations Performed Using Elution Profiles Comprising Multiple Isocratic and Gradient Steps. <i>Analytical Chemistry</i> , 2008, 80, 2474-2482.	3.2	38
98	Towards high capacity latex-coated porous polymer monoliths as ion-exchange stationary phases. <i>Analyst, The</i> , 2006, 131, 215-221.	1.7	79
99	Targeted multidimensional gas chromatography for the quantitative analysis of suspected allergens in fragrance products. <i>Journal of Chromatography A</i> , 2006, 1130, 122-129.	1.8	46
100	Comprehensive two-dimensional liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 405-415.	1.9	68
101	Forensic Identification of Inorganic Explosives by Ion Chromatography. <i>Analytical Letters</i> , 2006, 39, 639-657.	1.0	52
102	Statistical methods for comparing comprehensive two-dimensional gas chromatographyâ€“time-of-flight mass spectrometry results: Metabolomic analysis of mouse tissue extracts. <i>Journal of Chromatography A</i> , 2005, 1086, 83-90.	1.8	141
103	Advanced and innovative chromatographic techniques for the study of citrus essential oils. <i>Flavour and Fragrance Journal</i> , 2005, 20, 249-264.	1.2	24
104	Comprehensive two-dimensional gas chromatographyâ€“time-of-flight mass spectrometry (GC Ã— GC-TOF) for high resolution metabolomics: biomarker discovery on spleen tissue extracts of obese NZO compared to lean C57BL/6 mice. <i>Metabolomics</i> , 2005, 1, 65-73.	1.4	154
105	Comprehensive Two-Dimensional Gas Chromatography - Mass Spectrometry and its Use in High-Resolution Metabolomics. <i>Australian Journal of Chemistry</i> , 2005, 58, 619.	0.5	8
106	Comprehensive Two-Dimensional Gas Chromatography with Flame Ionization and Time-of-Flight Mass Spectrometry Detection: Qualitative and Quantitative Analysis of West Australian Sandalwood Oil. <i>Journal of Chromatographic Science</i> , 2004, 42, 417-422.	0.7	44
107	Quantitation of suspected allergens in fragrances(Part I): evaluation of comprehensive two-dimensional gas chromatography for quality control. <i>Flavour and Fragrance Journal</i> , 2004, 19, 91-98.	1.2	53
108	Enantioselective gas chromatographic analysis of monoterpenes in essential oils of the familyMyrtaceae. <i>Flavour and Fragrance Journal</i> , 2004, 19, 582-585.	1.2	31

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109	Ultra-fast essential oil characterization by capillary GC on a 50 μ m ID column. <i>Journal of Separation Science</i> , 2004, 27, 699-702.	1.3	34
110	Application of headspace solid-phase microextraction (HS-SPME) and comprehensive two-dimensional gas chromatography (GC \bar{A} –GC) for the chemical profiling of volatile oils in complex herbal mixtures. <i>Journal of Separation Science</i> , 2004, 27, 451-458.	1.3	46
111	Effects of pressure drop on absolute retention matching in comprehensive two-dimensional gas chromatography. <i>Journal of Separation Science</i> , 2004, 27, 503-512.	1.3	38
112	Rapid sequential heart-cut multidimensional gas chromatographic analysis. <i>Journal of Chromatography A</i> , 2004, 1056, 163-169.	1.8	28
113	Molecular interconversion behaviour in comprehensive two-dimensional gas chromatography. <i>Journal of Chromatography A</i> , 2004, 1033, 135-143.	1.8	22
114	Analysis of roasted coffee bean volatiles by using comprehensive two-dimensional gas chromatography \bar{A} –time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2004, 1054, 57-65.	1.8	91
115	Analysis of roasted coffee bean volatiles by using comprehensive two-dimensional gas chromatography \bar{A} –time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2004, 1054, 57-65.	1.8	55
116	Solid-phase micro-extraction-comprehensive two-dimensional gas chromatography of ginger (<i>Zingiber</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.2	58
117	Opportunities for ultra-high resolution analysis of essential oils using comprehensive two-dimensional gas chromatography: a review. <i>Flavour and Fragrance Journal</i> , 2003, 18, 179-191.	1.2	65
118	Comprehensive two-dimensional gas chromatography (GC \bar{A} –GC) and GC \bar{A} –GC-quadrupole MS analysis of Asian and American ginseng. <i>Journal of Separation Science</i> , 2003, 26, 1185-1192.	1.3	74
119	Retention time reproducibility in comprehensive two-dimensional gas chromatography using cryogenic modulation. <i>Journal of Chromatography A</i> , 2003, 1019, 273-278.	1.8	18
120	Comprehensive two-dimensional gas chromatography-mass spectrometry analysis of <i>Pelargonium graveolens</i> essential oil using rapid scanning quadrupole mass spectrometry. <i>Analyst</i> , The, 2003, 128, 879.	1.7	82
121	Simulation of Elution Profiles for Two-Dimensional Dynamic Gas Chromatographic Experiments. <i>Analytical Chemistry</i> , 2003, 75, 4452-4461.	3.2	24
122	Targeted Multidimensional Gas Chromatography Using Microswitching and Cryogenic Modulation. <i>Analytical Chemistry</i> , 2003, 75, 5532-5538.	3.2	39
123	Interactive Use of Linear Retention Indices on Polar and Apolar Columns with an MS-Library for Reliable Characterization of Australian Tea Tree and Other <i>Melaleuca</i> sp. Oils. <i>Journal of Essential Oil Research</i> , 2003, 15, 305-312.	1.3	37
124	Ultra-High Resolution Capillary Gas Chromatography by Using Cryogenic Modulation. <i>Australian Journal of Chemistry</i> , 2003, 56, 187.	0.5	4
125	Comprehensive Two-Dimensional Gas Chromatography with Fast Enantioseparation. <i>Analytical Chemistry</i> , 2002, 74, 5426-5430.	3.2	113
126	Principles and applications of comprehensive two-dimensional gas chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2002, 21, 573-583.	5.8	245

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127	Characterisation of lavender essential oils by using gas chromatography–mass spectrometry with correlation of linear retention indices and comparison with comprehensive two-dimensional gas chromatography. <i>Journal of Chromatography A</i> , 2002, 970, 225-234.	1.8	216
128	Retention time reproducibility in comprehensive two-dimensional gas chromatography using cryogenic modulation. <i>Journal of Chromatography A</i> , 2002, 968, 161-170.	1.8	51
129	Time-resolved cryogenic modulation reveals isomer interconversion profiles in dynamic chromatography. <i>Journal of Chromatography A</i> , 2001, 919, 115-126.	1.8	36
130	Concepts and Preliminary Observations on the Triple-Dimensional Analysis of Complex Volatile Samples by Using GC–GC–TOFMS. <i>Analytical Chemistry</i> , 2001, 73, 1336-1344.	3.2	177
131	Observation of non-linear chromatographic peaks in comprehensive two-dimensional gas chromatography. <i>Journal of Separation Science</i> , 2001, 24, 367-377.	1.3	28
132	Application of comprehensive two-dimensional gas chromatography (GC–GC) to the enantioselective analysis of essential oils. <i>Journal of Separation Science</i> , 2001, 24, 823-830.	1.3	78
133	Gas chromatographic technologies for the analysis of essential oils. <i>Journal of Chromatography A</i> , 2001, 936, 1-22.	1.8	242
134	Characterization and Comparison of Tea Tree and Lavender Oils by Using Comprehensive Gas Chromatography. <i>Journal of High Resolution Chromatography</i> , 2000, 23, 554-560.	2.0	58
135	High resolution essential oil analysis by using comprehensive gas chromatographic methodology. <i>Flavour and Fragrance Journal</i> , 2000, 15, 225-239.	1.2	82