

Peter Quinto Tranchida

List of Publications by Year in descending order

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140
papers

4,881
citations

81434

41
h-index

134545

62
g-index

147
all docs

147
docs citations

147
times ranked

3576
citing authors

#	ARTICLE	IF	CITATIONS
1	Untargeted profiling and differentiation of geographical variants of wine samples using headspace solid-phase microextraction flow-modulated comprehensive two-dimensional gas chromatography with the support of tile-based Fisher ratio analysis. <i>Journal of Chromatography A</i> , 2022, 1662, 462735.	1.8	23
2	Multidimensional gas chromatography: Hyphenation with mass spectrometry. <i>Comprehensive Analytical Chemistry</i> , 2022, , .	0.7	0
3	Magnet integrated fabric phase sorptive extraction as a stand-alone extraction device for the monitoring of benzoyl urea insecticides in water samples by HPLC-DAD. <i>Journal of Chromatography A</i> , 2022, 1672, 463026.	1.8	16
4	Flow-modulated comprehensive two-dimensional gas chromatography combined with time-of-flight mass spectrometry: use of hydrogen as a more sustainable alternative to helium. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 6371-6378.	1.9	10
5	Heart-cutting and comprehensive multidimensional gas chromatography: Basic principles. <i>Comprehensive Analytical Chemistry</i> , 2022, , 69-92.	0.7	2
6	Exploring the volatile profile of whiskey samples using solid-phase microextraction Arrow and comprehensive two-dimensional gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2022, 1676, 463241.	1.8	15
7	Direct analysis of phthalate esters in vegetable oils by means of comprehensive two-dimensional gas chromatography combined with triple quadrupole mass spectrometry. <i>Food Chemistry</i> , 2022, 396, 133721.	4.2	8
8	A unique data analysis framework and open source benchmark data set for the analysis of comprehensive two-dimensional gas chromatography software. <i>Journal of Chromatography A</i> , 2021, 1635, 461721.	1.8	11
9	Evaluation of different internal diameter coated modulation columns within the context of solidâ€state modulation. <i>Journal of Separation Science</i> , 2021, 44, 1923-1930.	1.3	1
10	Preliminary observations on the use of a novel low duty cycle flow modulator for comprehensive two-dimensional gas chromatography. <i>Journal of Chromatography A</i> , 2021, 1643, 462076.	1.8	6
11	Determination of multi-pesticide residues in vegetable products using a â€reduced-scaleâ€Quechers method and flow-modulated comprehensive two-dimensional gas chromatography-triple quadrupole mass spectrometry. <i>Journal of Chromatography A</i> , 2021, 1645, 462126.	1.8	15
12	Use of a low-cost, lab-made Y-interface for liquid-gas chromatography coupling for the analysis of mineral oils in food samples. <i>Journal of Chromatography A</i> , 2021, 1648, 462191.	1.8	6
13	Occurrence of Mineral Oil Hydrocarbons in Omega-3 Fatty Acid Dietary Supplements. <i>Foods</i> , 2021, 10, 2424.	1.9	2
14	Chemical characterization of unconventional palm oils from <i>Hyophorbe indica</i> and two other endemic Arecaceae species from Reunion Island. <i>Natural Product Research</i> , 2020, 34, 93-101.	1.0	3
15	Analysis of Organic Sulphur Compounds in Coal Tar by Using Comprehensive Two-Dimensional Gas Chromatography-High Resolution Time-of-Flight Mass Spectrometry. <i>Separations</i> , 2020, 7, 26.	1.1	3
16	High-speed GC-MS. , 2020, , 109-132.		1
17	Detectors and basic data analysis. <i>Separation Science and Technology</i> , 2020, 12, 205-227.	0.0	2
18	Comprehensive 2D Gas Chromatography. , 2020, , 183-226.		1

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19	Towards the determination of an equivalent standard column set between cryogenic and flow-modulated comprehensive two-dimensional gas chromatography. <i>Analytica Chimica Acta</i> , 2020, 1105, 231-236.	2.6	7
20	Rapid and miniaturized qualitative and quantitative gas chromatography profiling of human blood total fatty acids. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 2327-2337.	1.9	23
21	Conventional GC-MS applications. , 2020, , 75-108.		0
22	A lab-developed interface for liquid-gas chromatography coupling based on the use of a modified programmed-temperature-vaporizing injector. <i>Journal of Chromatography A</i> , 2020, 1622, 461096.	1.8	8
23	Fingerprinting of the Unsaponifiable Fraction of Vegetable Oils by Using Cryogenically-Modulated Comprehensive Two-Dimensional Gas Chromatography-High Resolution Time-of-Flight Mass Spectrometry. <i>Food Analytical Methods</i> , 2020, 13, 1523-1529.	1.3	12
24	Fast gas chromatography-mass spectrometry: A review of the last decade. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 118, 444-452.	5.8	65
25	High-performance liquid chromatography combined with electron ionization mass spectrometry: A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 118, 112-122.	5.8	54
26	Study of the Lipid Profile of ATCC and Clinical Strains of <i>Staphylococcus aureus</i> in Relation to Their Antibiotic Resistance. <i>Molecules</i> , 2019, 24, 1276.	1.7	17
27	In-Depth Qualitative Analysis of Lime Essential Oils Using the Off-Line Combination of Normal Phase High Performance Liquid Chromatography and Comprehensive Two-Dimensional Gas Chromatography-Quadrupole Mass Spectrometry. <i>Foods</i> , 2019, 8, 580.	1.9	6
28	Comprehensive two-dimensional gas chromatography-mass spectrometry using milder electron ionization conditions: A preliminary evaluation. <i>Journal of Chromatography A</i> , 2019, 1589, 134-140.	1.8	15
29	On-line liquid chromatography-comprehensive two dimensional gas chromatography with dual detection for the analysis of mineral oil and synthetic hydrocarbons in cosmetic lip care products. <i>Analytica Chimica Acta</i> , 2019, 1048, 221-226.	2.6	14
30	Cryogenic modulation fast GC – GC-MS using a 10 μ m microbore column combination: Concept, method optimization, and application. <i>Journal of Separation Science</i> , 2018, 41, 1112-1117.	1.3	8
31	FOREWORD. <i>Journal of Chromatography A</i> , 2018, 1536, 1.	1.8	0
32	Comprehensive two-dimensional gas chromatography: A perspective on processes of modulation. <i>Journal of Chromatography A</i> , 2018, 1536, 2-5.	1.8	27
33	Use of a recently developed thermal modulator within the context of comprehensive two-dimensional gas chromatography combined with time-of-flight mass spectrometry: Gas flow optimization aspects. <i>Journal of Separation Science</i> , 2018, 42, 691-697.	1.3	8
34	Gas Chromatography-Mass Spectrometry: A Multidimensional Technology. , 2018, , 202-202.		0
35	Current state of comprehensive two-dimensional gas chromatography-mass spectrometry with focus on processes of ionization. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 105, 360-366.	5.8	42
36	In-pipette solid-phase extraction prior to flow-modulation comprehensive two-dimensional gas chromatography with dual detection for the determination of minor components in vegetable oils. <i>Talanta</i> , 2017, 165, 598-603.	2.9	3

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37	Miniaturization of the QuEChERS Method in the Fast Gas Chromatography-Tandem Mass Spectrometry Analysis of Pesticide Residues in Vegetables. <i>Food Analytical Methods</i> , 2017, 10, 2636-2645.	1.3	12
38	Analysis of essential oils through comprehensive two-dimensional gas chromatography: General utility. <i>Flavour and Fragrance Journal</i> , 2017, 32, 218-227.	1.2	18
39	Odour-active compounds in the traditional Armenian soup seasoning herb <i>Heracleum transcaucasicum</i> . <i>European Food Research and Technology</i> , 2017, 243, 969-977.	1.6	3
40	Detailed Profiling of the Volatile Oxygenated Fraction of Mandarin Essential Oils by Using the Off-Line Combination of High-Performance Liquid Chromatography and Comprehensive Two-Dimensional Gas Chromatography-Mass Spectrometry. <i>Food Analytical Methods</i> , 2017, 10, 1106-1116.	1.3	7
41	Comprehensive Gas Chromatography Methodologies for the Analysis of Lipids. , 2017, , 407-444.		5
42	Comprehensive two-dimensional gas chromatography-mass spectrometry: Recent evolution and current trends. <i>Mass Spectrometry Reviews</i> , 2016, 35, 524-534.	2.8	100
43	Flow modulation comprehensive two-dimensional gas chromatography-mass spectrometry using $\hat{a}\%^{4}$ mL min \hat{a}^{-1} gas flows. <i>Journal of Chromatography A</i> , 2016, 1441, 134-139.	1.8	30
44	Four-stage (low-)flow modulation comprehensive gas chromatography-quadrupole mass spectrometry for the determination of recently-highlighted cosmetic allergens. <i>Journal of Chromatography A</i> , 2016, 1439, 144-151.	1.8	31
45	Impact of comprehensive two-dimensional gas chromatography with mass spectrometry on food analysis. <i>Journal of Separation Science</i> , 2016, 39, 149-161.	1.3	49
46	Potential of Comprehensive Two-Dimensional Gas Chromatography for the Analysis of Lipids. , 2016, , 1-13.		0
47	Analysis of the sesquiterpene fraction of citrus essential oils by using the off-line combination of high performance liquid chromatography and gas chromatography-based methods: a comparative study. <i>Flavour and Fragrance Journal</i> , 2015, 30, 411-422.	1.2	15
48	Non-polar lipids characterization of Quinoa (<i>Chenopodium quinoa</i>) seed by comprehensive two-dimensional gas chromatography with flame ionization/mass spectrometry detection and non-aqueous reversed-phase liquid chromatography with atmospheric pressure chemical ionization mass spectrometry detection. <i>Journal of Separation Science</i> , 2015, 38, 3151-3160.	1.3	17
49	Evaluation of a novel helium ionization detector within the context of (low-)flow modulation comprehensive two-dimensional gas chromatography. <i>Journal of Chromatography A</i> , 2015, 1402, 102-109.	1.8	18
50	Occurrence of oleic and 18:1 methyl-branched acyl chains in lipids of <i>Rhodobacter sphaeroides</i> 2.4.1. <i>Analytica Chimica Acta</i> , 2015, 885, 191-198.	2.6	10
51	Determination of aromatic sulphur compounds in heavy gas oil by using (low-)flow modulated comprehensive two-dimensional gas chromatography-triple quadrupole mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1387, 86-94.	1.8	35
52	On-Line Combination of High Performance Liquid Chromatography with Comprehensive Two-Dimensional Gas Chromatography-Triple Quadrupole Mass Spectrometry: A Proof of Principle Study. <i>Analytical Chemistry</i> , 2015, 87, 1911-1918.	3.2	27
53	Flow-Modulated Comprehensive Two-Dimensional Gas Chromatography Combined with a High-Resolution Time-of-Flight Mass Spectrometer: A Proof-of-Principle Study. <i>Analytical Chemistry</i> , 2015, 87, 2925-2930.	3.2	29
54	Determination of phthalate esters in vegetable oils using direct immersion solid-phase microextraction and fast gas chromatography coupled with triple quadrupole mass spectrometry. <i>Analytica Chimica Acta</i> , 2015, 887, 237-244.	2.6	47

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55	The penetration of green sample-preparation techniques in comprehensive two-dimensional gas chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 71, 74-84.	5.8	25
56	Analysis of human plasma lipids by using comprehensive two-dimensional gas chromatography with dual detection and with the support of high-resolution time-of-flight mass spectrometry for structural elucidation. <i>Journal of Separation Science</i> , 2015, 38, 267-275.	1.3	18
57	Flow-modulation low-pressure comprehensive two-dimensional gas chromatography. <i>Journal of Chromatography A</i> , 2014, 1372, 236-244.	1.8	44
58	Elucidation of the volatile composition of Marsala wines by using comprehensive two-dimensional gas chromatography. <i>Food Chemistry</i> , 2014, 142, 262-268.	4.2	45
59	Use of greatly-reduced gas flows in flow-modulated comprehensive two-dimensional gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1359, 271-276.	1.8	48
60	Rapid Isolation of High Solute Amounts Using an Online Four-Dimensional Preparative System: Normal Phase-Liquid Chromatography Coupled to Methyl Siloxane-Ionic Liquid-Wax Phase Gas Chromatography. <i>Analytical Chemistry</i> , 2014, 86, 4295-4301.	3.2	20
61	Qualitative and quantitative analysis of the unsaponifiable fraction of vegetable oils by using comprehensive 2D GC with dual MS/FID detection. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 4655-4663.	1.9	27
62	Comparison of two different multidimensional liquid-gas chromatography interfaces for determination of mineral oil saturated hydrocarbons in foodstuffs. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 1077-1084.	1.9	24
63	Analysis of the unsaponifiable fraction of lipids belonging to various milk-types by using comprehensive two-dimensional gas chromatography with dual mass spectrometry/flame ionization detection and with the support of high resolution time-of-flight mass spectrometry for structural elucidation. <i>Journal of Chromatography A</i> , 2013, 1313, 194-201.	1.8	35
64	Rapid collection and identification of a novel component from <i>Clausena lansium</i> Skeels leaves by means of three-dimensional preparative gas chromatography and nuclear magnetic resonance/infrared/mass spectrometric analysis. <i>Analytica Chimica Acta</i> , 2013, 785, 119-125.	2.6	36
65	The off-line combination of high performance liquid chromatography and comprehensive two-dimensional gas chromatography-mass spectrometry: A powerful approach for highly detailed essential oil analysis. <i>Journal of Chromatography A</i> , 2013, 1305, 276-284.	1.8	38
66	Untargeted and targeted comprehensive two-dimensional GC analysis using a novel unified high-speed triple quadrupole mass spectrometer. <i>Journal of Chromatography A</i> , 2013, 1278, 153-159.	1.8	43
67	Potential of comprehensive chromatography in food analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 52, 186-205.	5.8	91
68	Measurement of fundamental chromatography parameters in conventional and split-flow comprehensive two-dimensional gas chromatography-mass spectrometry: A focus on the importance of second-dimension injection efficiency. <i>Journal of Separation Science</i> , 2013, 36, 212-218.	1.3	8
69	Fast gas chromatography combined with a high-speed triple quadrupole mass spectrometer for the analysis of unknown and target citrus essential oil volatiles. <i>Journal of Separation Science</i> , 2013, 36, 511-516.	1.3	11
70	Gas velocity at the point of re-injection: An additional parameter in comprehensive two-dimensional gas chromatography optimization. <i>Journal of Chromatography A</i> , 2013, 1314, 216-223.	1.8	17
71	Detailed elucidation of hydrocarbon contamination in food products by using solid-phase extraction and comprehensive gas chromatography with dual detection. <i>Analytica Chimica Acta</i> , 2013, 773, 97-104.	2.6	22
72	Solid-phase microextraction with fast GC combined with a high-speed triple quadrupole mass spectrometer for targeted and untargeted food analysis. <i>Journal of Separation Science</i> , 2013, 36, 2145-2150.	1.3	13

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73	A direct sensitivity comparison between flow-modulated comprehensive 2D and 1D GC in untargeted and targeted MS-based experiments. <i>Journal of Separation Science</i> , 2013, 36, 2746-2752.	1.3	18
74	Evaluation of comprehensive two-dimensional gas chromatography coupled to rapid scanning quadrupole mass spectrometry for quantitative analysis. <i>Journal of Chromatography A</i> , 2012, 1255, 177-183.	1.8	21
75	A flow-modulated comprehensive gas chromatography-mass spectrometry method for the analysis of fatty acid profiles in marine and biological samples. <i>Journal of Chromatography A</i> , 2012, 1255, 171-176.	1.8	31
76	Hyphenated dimensions in separation science. <i>Journal of Chromatography A</i> , 2012, 1255, 1-2.	1.8	2
77	Determination of saturated-hydrocarbon contamination in baby foods by using on-line liquid-gas chromatography and off-line liquid chromatography-comprehensive gas chromatography combined with mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1259, 221-226.	1.8	27
78	Increasing the Isolated Quantities and Purities of Volatile Compounds by Using a Triple Deans-Switch Multidimensional Preparative Gas Chromatographic System with an Apolar-Wax-Ionic Liquid Stationary-Phase Combination. <i>Analytical Chemistry</i> , 2012, 84, 7092-7098.	3.2	36
79	Heart-cutting multidimensional gas chromatography: A review of recent evolution, applications, and future prospects. <i>Analytica Chimica Acta</i> , 2012, 716, 66-75.	2.6	90
80	Current-day employment of the micro-bore open-tubular capillary column in the gas chromatography field. <i>Journal of Chromatography A</i> , 2012, 1261, 23-36.	1.8	30
81	Use of ionic liquids as stationary phases in hyphenated gas chromatography techniques. <i>Journal of Chromatography A</i> , 2012, 1255, 130-144.	1.8	94
82	Mass spectrometry detection in comprehensive liquid chromatography: Basic concepts, instrumental aspects, applications and trends. <i>Mass Spectrometry Reviews</i> , 2012, 31, 523-559.	2.8	86
83	Analysis of <i>Citrus</i> essential oils: state of the art and future perspectives. A review. <i>Flavour and Fragrance Journal</i> , 2012, 27, 98-123.	1.2	91
84	Evaluation of a Medium-Polarity Ionic Liquid Stationary Phase in the Analysis of Flavor and Fragrance Compounds. <i>Analytical Chemistry</i> , 2011, 83, 7947-7954.	3.2	77
85	Modulators for comprehensive two-dimensional gas chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 1437-1461.	5.8	115
86	A rapid multidimensional liquid-gas chromatography method for the analysis of mineral oil saturated hydrocarbons in vegetable oils. <i>Journal of Chromatography A</i> , 2011, 1218, 7476-7480.	1.8	42
87	Identification of the Bacterial Cellular Lipid Fraction by Using Fast GC-MS and Innovative MS Libraries. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , 2011, , 231-244.	0.5	1
88	Performance evaluation of a rapid-scanning quadrupole mass spectrometer in the comprehensive two-dimensional gas chromatography analysis of pesticides in water. <i>Journal of Separation Science</i> , 2011, 34, 2411-2417.	1.3	35
89	Application of a multidimensional gas chromatography system with simultaneous mass spectrometric and flame ionization detection to the analysis of sandalwood oil. <i>Journal of Chromatography A</i> , 2011, 1218, 137-142.	1.8	42
90	A flexible loop-type flow modulator for comprehensive two-dimensional gas chromatography. <i>Journal of Chromatography A</i> , 2011, 1218, 3140-3145.	1.8	35

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91	Genuineness assessment of mandarin essential oils employing gas chromatography–combustion–isotope ratio MS (GC–C–IRMS). <i>Journal of Separation Science</i> , 2010, 33, 617-625.	1.3	48
92	Multidimensional GC coupled to MS for the simultaneous determination of oxygenate compounds and BTEX in gasoline. <i>Journal of Separation Science</i> , 2010, 33, 594-599.	1.3	28
93	Characterization of bacterial lipid profiles by using rapid sample preparation and fast comprehensive two-dimensional gas chromatography in combination with mass spectrometry. <i>Journal of Separation Science</i> , 2010, 33, 2334-2340.	1.3	38
94	Accurate quadrupole MS peak reconstruction in optimized gas-flow comprehensive two-dimensional gas chromatography. <i>Journal of Separation Science</i> , 2010, 33, 2791-2795.	1.3	4
95	Thorough evaluation of the validity of conventional enantio-gas chromatography in the analysis of volatile chiral compounds in mandarin essential oil: A comparative investigation with multidimensional gas chromatography. <i>Journal of Chromatography A</i> , 2010, 1217, 1101-1105.	1.8	42
96	Optimized use of a 50 μ m ID secondary column in comprehensive two-dimensional gas chromatography–mass spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 4160-4166.	1.8	28
97	Evaluation of a Rapid-Scanning Quadrupole Mass Spectrometer in an Apolar \tilde{A} – Ionic-Liquid Comprehensive Two-Dimensional Gas Chromatography System. <i>Analytical Chemistry</i> , 2010, 82, 8583-8590.	3.2	88
98	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
99	Characterization of the yerba mate (<i>Ilex paraguariensis</i>) volatile fraction using solid-phase microextraction–comprehensive 2D GC–MS. <i>Journal of Separation Science</i> , 2009, 32, 3755-3763.	1.3	27
100	Enhanced resolution comprehensive two-dimensional gas chromatography applied to the analysis of roasted coffee volatiles. <i>Journal of Chromatography A</i> , 2009, 1216, 7301-7306.	1.8	35
101	Conventional and fast gas chromatography analysis of biodiesel blends using an ionic liquid stationary phase. <i>Journal of Chromatography A</i> , 2009, 1216, 8992-8997.	1.8	76
102	Optimized Use of a 50 μ m Internal Diameter Secondary Column in a Comprehensive Two-Dimensional Gas Chromatography System. <i>Analytical Chemistry</i> , 2009, 81, 8529-8537.	3.2	17
103	Evaluation of Use of a Dicationic Liquid Stationary Phase in the Fast and Conventional Gas Chromatographic Analysis of Health-Hazardous C ₁₈ Cis/Trans Fatty Acids. <i>Analytical Chemistry</i> , 2009, 81, 5561-5568.	3.2	67
104	Chapter 10 Analysis of Food Constituents. <i>Comprehensive Analytical Chemistry</i> , 2009, , 215-241.	0.7	1
105	Editorial. <i>Journal of Separation Science</i> , 2009, 32, 3573-3574.	1.3	1
106	Comprehensive two-dimensional gas chromatography–mass spectrometry: A review. <i>Mass Spectrometry Reviews</i> , 2008, 27, 101-124.	2.8	350
107	Elucidation of fatty acid profiles in vegetable oils exploiting group-type patterning and enhanced sensitivity of comprehensive two-dimensional gas chromatography. <i>Journal of Separation Science</i> , 2008, 31, 1797-1802.	1.3	32
108	Evaluation of use of a very short polar microbore column segment in high-speed gas chromatography analysis. <i>Journal of Separation Science</i> , 2008, 31, 2634-2639.	1.3	17

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109	Acquisition of deeper knowledge on the human plasma fatty acid profile exploiting comprehensive 2D GC. <i>Journal of Separation Science</i> , 2008, 31, 3347-3351.	1.3	35
110	Offline LC-GC-MS in combination with rapid-scanning quadrupole mass spectrometry. <i>Journal of Separation Science</i> , 2008, 31, 3329-3336.	1.3	15
111	Editorial: <i>J. Sep. Sci.</i> 19/2008. <i>Journal of Separation Science</i> , 2008, 31, 3285-3286.	1.3	2
112	Reliable identification of pesticides using linear retention indices as an active tool in gas chromatographic-mass spectrometric analysis. <i>Journal of Chromatography A</i> , 2008, 1186, 430-433.	1.8	15
113	Generation of Improved Gas Linear Velocities in a Comprehensive Two-Dimensional Gas Chromatography System. <i>Analytical Chemistry</i> , 2007, 79, 2266-2275.	3.2	54
114	Rapid analysis of food products by means of high speed gas chromatography. <i>Journal of Separation Science</i> , 2007, 30, 508-526.	1.3	40
115	Fast gas chromatography-full scan quadrupole mass spectrometry for the determination of allergens in fragrances. <i>Journal of Separation Science</i> , 2007, 30, 1905-1911.	1.3	39
116	Comprehensive chromatographic methods for the analysis of lipids. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 191-205.	5.8	73
117	Comprehensive gas chromatography coupled to mass spectrometry for the separation of pesticides in a very complex matrix. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 389, 1755-1763.	1.9	39
118	Fast enantiomeric analysis of a complex essential oil with an innovative multidimensional gas chromatographic system. <i>Journal of Chromatography A</i> , 2006, 1105, 11-16.	1.8	31
119	High-throughput analysis of bergamot essential oil by fast solid-phase microextraction-capillary gas chromatography-flame ionization detection. <i>Journal of Chromatography A</i> , 2006, 1103, 162-165.	1.8	28
120	Rapid, micro-scale preparation and very fast gas chromatographic separation of cod liver oil fatty acid methyl esters. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 41, 1566-1570.	1.4	67
121	Silver-ion reversed-phase comprehensive two-dimensional liquid chromatography combined with mass spectrometric detection in lipidic food analysis. <i>Journal of Chromatography A</i> , 2005, 1086, 91-98.	1.8	115
122	Comprehensive two-dimensional GC for the analysis of citrus essential oils. <i>Flavour and Fragrance Journal</i> , 2005, 20, 136-140.	1.2	47
123	Determination of flavor components in Sicilian goat cheese by automated HS-SPME-GC. <i>Flavour and Fragrance Journal</i> , 2005, 20, 659-665.	1.2	46
124	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
125	Reliable characterization of coffee bean aroma profiles by automated headspace solid phase microextraction-gas chromatography-mass spectrometry with the support of a dual-filter mass spectra library. <i>Journal of Separation Science</i> , 2005, 28, 1101-1109.	1.3	80
126	Comprehensive two-dimensional gas chromatography in combination with rapid scanning quadrupole mass spectrometry in perfume analysis. <i>Journal of Chromatography A</i> , 2005, 1067, 235-243.	1.8	95

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127	Fast GC for the Analysis of Citrus Oils. <i>Journal of Chromatographic Science</i> , 2004, 42, 410-416.	0.7	40
128	Evaluation of fast gas chromatography and gas chromatography-mass spectrometry in the analysis of lipids. <i>Journal of Chromatography A</i> , 2004, 1035, 237-247.	1.8	65
129	Off-line coupling of non-aqueous reversed-phase and silver ion high-performance liquid chromatography-mass spectrometry for the characterization of rice oil triacylglycerol positional isomers. <i>Journal of Chromatography A</i> , 2004, 1041, 135-142.	1.8	114
130	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
131	Comprehensive multidimensional GC for the characterization of roasted coffee beans. <i>Journal of Separation Science</i> , 2004, 27, 442-450.	1.3	76
132	Fast GC analysis with a 50 μ m ID column: theory, practical aspects, and application to a highly complex sample. <i>Journal of Separation Science</i> , 2004, 27, 1149-1156.	1.3	21
133	Analysis of roasted coffee bean volatiles by using comprehensive two-dimensional gas chromatography-time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2004, 1054, 57-65.	1.8	91
134	Comprehensive two-dimensional chromatography in food analysis. <i>Journal of Chromatography A</i> , 2004, 1054, 3-16.	1.8	91
135	Analysis of roasted coffee bean volatiles by using comprehensive two-dimensional gas chromatography-time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2004, 1054, 57-65.	1.8	55
136	Comprehensive two-dimensional chromatography in food analysis. <i>Journal of Chromatography A</i> , 2004, 1054, 3-16.	1.8	8
137	Analysis of roasted coffee bean volatiles by using comprehensive two-dimensional gas chromatography-time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2004, 1054, 57-65.	1.8	6
138	Fast GC for the analysis of fats and oils. <i>Journal of Separation Science</i> , 2003, 26, 1467-1473.	1.3	29
139	Detailed analysis and group-type separation of natural fats and oils using comprehensive two-dimensional gas chromatography. <i>Journal of Chromatography A</i> , 2003, 1019, 187-196.	1.8	77
140	Comparison of Fast and Conventional GC Analysis for Citrus Essential Oils. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 5602-5606.	2.4	50