

Peter Quinto Tranchida

List of Publications by Year in descending order

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140
papers

4,881
citations

71102

41
h-index

118850

62
g-index

147
all docs

147
docs citations

147
times ranked

3301
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive two-dimensional gas chromatography-mass spectrometry: A review. <i>Mass Spectrometry Reviews</i> , 2008, 27, 101-124.	5.4	350
2	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.	3.7	115
3	Modulators for comprehensive two-dimensional gas chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 1437-1461.	11.4	115
4	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.	3.7	114
5	Comprehensive two-dimensional gas chromatography-mass spectrometry: Recent evolution and current trends. <i>Mass Spectrometry Reviews</i> , 2016, 35, 524-534.	5.4	100
6	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.	3.7	95
7	Use of ionic liquids as stationary phases in hyphenated gas chromatography techniques. <i>Journal of Chromatography A</i> , 2012, 1255, 130-144.	3.7	94
8	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.	3.7	91
9	Comprehensive two-dimensional chromatography in food analysis. <i>Journal of Chromatography A</i> , 2004, 1054, 3-16.	3.7	91
10	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.	2.6	91
11	Potential of comprehensive chromatography in food analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 52, 186-205.	11.4	91
12	Heart-cutting multidimensional gas chromatography: A review of recent evolution, applications, and future prospects. <i>Analytica Chimica Acta</i> , 2012, 716, 66-75.	5.4	90
13	Evaluation of a Rapid-Scanning Quadrupole Mass Spectrometer in an Apolar $\tilde{\text{A}}$ -Ionic-Liquid Comprehensive Two-Dimensional Gas Chromatography System. <i>Analytical Chemistry</i> , 2010, 82, 8583-8590.	6.5	88
14	Mass spectrometry detection in comprehensive liquid chromatography: Basic concepts, instrumental aspects, applications and trends. <i>Mass Spectrometry Reviews</i> , 2012, 31, 523-559.	5.4	86
15	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.	2.5	80
16	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.	3.7	77
17	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.	6.5	77
18	Comprehensive multidimensional GC for the characterization of roasted coffee beans. <i>Journal of Separation Science</i> , 2004, 27, 442-450.	2.5	76

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19	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.	3.7	76
20	Comprehensive chromatographic methods for the analysis of lipids. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 191-205.	11.4	73
21	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.	2.8	67
22	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.	6.5	67
23	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.	3.7	65
24	Fast gas chromatography-mass spectrometry: A review of the last decade. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 118, 444-452.	11.4	65
25	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.	3.7	55
26	Generation of Improved Gas Linear Velocities in a Comprehensive Two-Dimensional Gas Chromatography System. <i>Analytical Chemistry</i> , 2007, 79, 2266-2275.	6.5	54
27	High-performance liquid chromatography combined with electron ionization mass spectrometry: A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 118, 112-122.	11.4	54
28	Comparison of Fast and Conventional GC Analysis for Citrus Essential Oils. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 5602-5606.	5.2	50
29	Impact of comprehensive two-dimensional gas chromatography with mass spectrometry on food analysis. <i>Journal of Separation Science</i> , 2016, 39, 149-161.	2.5	49
30	Genuineness assessment of mandarin essential oils employing gas chromatography-combustion isotope ratio MS (GC-C ₁₈ IRMS). <i>Journal of Separation Science</i> , 2010, 33, 617-625.	2.5	48
31	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.	3.7	48
32	Comprehensive two-dimensional GC for the analysis of citrus essential oils. <i>Flavour and Fragrance Journal</i> , 2005, 20, 136-140.	2.6	47
33	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.	5.4	47
34	Determination of flavor components in Sicilian goat cheese by automated HS-SPME-GC. <i>Flavour and Fragrance Journal</i> , 2005, 20, 659-665.	2.6	46
35	Elucidation of the volatile composition of Marsala wines by using comprehensive two-dimensional gas chromatography. <i>Food Chemistry</i> , 2014, 142, 262-268.	8.2	45
36	Flow-modulation low-pressure comprehensive two-dimensional gas chromatography. <i>Journal of Chromatography A</i> , 2014, 1372, 236-244.	3.7	44

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37	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.	3.7	43
38	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.	3.7	42
39	Analysis of Fresh and Aged Tea Tree Essential Oils By Using GCxGC-qMS. <i>Journal of Chromatographic Science</i> , 2010, 48, 262-266.	1.4	42
40	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.	3.7	42
41	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.	3.7	42
42	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.	11.4	42
43	Fast GC for the Analysis of Citrus Oils. <i>Journal of Chromatographic Science</i> , 2004, 42, 410-416.	1.4	40
44	Rapid analysis of food products by means of high speed gas chromatography. <i>Journal of Separation Science</i> , 2007, 30, 508-526.	2.5	40
45	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.	2.5	39
46	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.	3.7	39
47	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.	2.5	38
48	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.	3.7	38
49	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.	6.5	36
50	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.	5.4	36
51	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.	2.5	35
52	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.	3.7	35
53	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.	2.5	35
54	A flexible loop-type flow modulator for comprehensive two-dimensional gas chromatography. <i>Journal of Chromatography A</i> , 2011, 1218, 3140-3145.	3.7	35

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55	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.	3.7	35
56	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.	3.7	35
57	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.	2.5	34
58	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.	2.5	32
59	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.	3.7	31
60	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.	3.7	31
61	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.	3.7	31
62	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.	3.7	30
63	Flow modulation comprehensive two-dimensional gas chromatography-mass spectrometry using 4 mL min^{-1} gas flows. <i>Journal of Chromatography A</i> , 2016, 1441, 134-139.	3.7	30
64	Fast GC for the analysis of fats and oils. <i>Journal of Separation Science</i> , 2003, 26, 1467-1473.	2.5	29
65	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.	6.5	29
66	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.	3.7	28
67	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.	2.5	28
68	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.	3.7	28
69	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.	2.5	27
70	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.	3.7	27
71	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.	3.7	27
72	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.	6.5	27

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73	Comprehensive two-dimensional gas chromatography: A perspective on processes of modulation. <i>Journal of Chromatography A</i> , 2018, 1536, 2-5.	3.7	27
74	The penetration of green sample-preparation techniques in comprehensive two-dimensional gas chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 71, 74-84.	11.4	25
75	Advanced and innovative chromatographic techniques for the study of citrus essential oils. <i>Flavour and Fragrance Journal</i> , 2005, 20, 249-264.	2.6	24
76	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.	3.7	24
77	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.	3.7	23
78	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.	3.7	23
79	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.	5.4	22
80	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.	2.5	21
81	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.	3.7	21
82	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.	6.5	20
83	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.	2.5	18
84	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.	3.7	18
85	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.	2.5	18
86	Analysis of essential oils through comprehensive two-dimensional gas chromatography: General utility. <i>Flavour and Fragrance Journal</i> , 2017, 32, 218-227.	2.6	18
87	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.	2.5	17
88	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.	6.5	17
89	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.	3.7	17
90	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.	2.5	17

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91	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.	3.8	17
92	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.	3.7	16
93	Offline LC-GC-MS in combination with rapid-scanning quadrupole mass spectrometry. <i>Journal of Separation Science</i> , 2008, 31, 3329-3336.	2.5	15
94	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.	3.7	15
95	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.	2.6	15
96	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.	3.7	15
97	Determination of multi-pesticide residues in vegetable products using a "reduced-scale" QuEChERS method and flow-modulated comprehensive two-dimensional gas chromatography-triple quadrupole mass spectrometry. <i>Journal of Chromatography A</i> , 2021, 1645, 462126.	3.7	15
98	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.	3.7	15
99	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.	5.4	14
100	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.	2.5	13
101	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.	2.6	12
102	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.	2.6	12
103	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.	2.5	11
104	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.	3.7	11
105	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.	5.4	10
106	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.	3.7	10
107	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.	2.5	8
108	Cryogenic modulation fast 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.	2.5	8

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109	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.	2.5	8
110	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.	3.7	8
111	Comprehensive two-dimensional chromatography in food analysis. <i>Journal of Chromatography A</i> , 2004, 1054, 3-16.	3.7	8
112	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.	8.2	8
113	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.	2.6	7
114	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.	5.4	7
115	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.	4.3	6
116	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.	3.7	6
117	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.	3.7	6
118	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.	3.7	6
119	Comprehensive Gas Chromatography Methodologies for the Analysis of Lipids. , 2017, , 407-444.		5
120	Accurate quadrupole MS peak reconstruction in optimized gas-flow comprehensive two-dimensional gas chromatography. <i>Journal of Separation Science</i> , 2010, 33, 2791-2795.	2.5	4
121	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.	5.5	3
122	Odour-active compounds in the traditional Armenian soup seasoning herb <i>Heracleum transcaasicum</i> . <i>European Food Research and Technology</i> , 2017, 243, 969-977.	3.3	3
123	Chemical characterization of unconventional palm oils from <i>Hyophorbe indica</i> and two other endemic <i>Arecaceae</i> species from Reunion Island. <i>Natural Product Research</i> , 2020, 34, 93-101.	1.8	3
124	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.	2.4	3
125	Editorial: <i>J. Sep. Sci.</i> 19/2008. <i>Journal of Separation Science</i> , 2008, 31, 3285-3286.	2.5	2
126	Hyphenated dimensions in separation science. <i>Journal of Chromatography A</i> , 2012, 1255, 1-2.	3.7	2

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127	Detectors and basic data analysis. Separation Science and Technology, 2020, 12, 205-227.	0.2	2
128	Occurrence of Mineral Oil Hydrocarbons in Omega-3 Fatty Acid Dietary Supplements. Foods, 2021, 10, 2424.	4.3	2
129	Heart-cutting and comprehensive multidimensional gas chromatography: Basic principles. Comprehensive Analytical Chemistry, 2022, , 69-92.	1.3	2
130	Chapter 10 Analysis of Food Constituents. Comprehensive Analytical Chemistry, 2009, , 215-241.	1.3	1
131	Identification of the Bacterial Cellular Lipid Fraction by Using Fast GC – GC-MS and Innovative MS Libraries. NATO Science for Peace and Security Series A: Chemistry and Biology, 2011, , 231-244.	0.5	1
132	High-speed GC-MS. , 2020, , 109-132.		1
133	Comprehensive 2D Gas Chromatography. , 2020, , 183-226.		1
134	Evaluation of different internal diameter coated modulation columns within the context of solid-state modulation. Journal of Separation Science, 2021, 44, 1923-1930.	2.5	1
135	Editorial. Journal of Separation Science, 2009, 32, 3573-3574.	2.5	1
136	FOREWORD. Journal of Chromatography A, 2018, 1536, 1.	3.7	0
137	Gas Chromatography-Mass Spectrometry: A Multidimensional Technology. , 2018, , 202-202.		0
138	Conventional GC-MS applications. , 2020, , 75-108.		0
139	Potential of Comprehensive Two-Dimensional Gas Chromatography for the Analysis of Lipids. , 2016, , 1-13.		0
140	Multidimensional gas chromatography: Hyphenation with mass spectrometry. Comprehensive Analytical Chemistry, 2022, , .	1.3	0