

Danilo Sciarrone

List of Publications by Year in descending order

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133
papers

4,788
citations

71102

41
h-index

138484

58
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138
all docs

138
docs citations

138
times ranked

3695
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative analysis of essential oils: a complex task. <i>Flavour and Fragrance Journal</i> , 2008, 23, 382-391.	2.6	163
2	LC-MS for the identification of oxygen heterocyclic compounds in citrus essential oils. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000, 24, 147-154.	2.8	135
3	Comprehensive two-dimensional gas chromatography-mass spectrometry: Recent evolution and current trends. <i>Mass Spectrometry Reviews</i> , 2016, 35, 524-534.	5.4	100
4	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
5	Comprehensive two-dimensional chromatography in food analysis. <i>Journal of Chromatography A</i> , 2004, 1054, 3-16.	3.7	91
6	Analysis of citrus essential oils: state of the art and future perspectives. A review.. <i>Flavour and Fragrance Journal</i> , 2012, 27, 98-123.	2.6	91
7	Potential of comprehensive chromatography in food analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 52, 186-205.	11.4	91
8	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
9	High efficiency liquid chromatography techniques coupled to mass spectrometry for the characterization of mate extracts. <i>Journal of Chromatography A</i> , 2009, 1216, 7213-7221.	3.7	89
10	Evaluation of a Rapid-Scanning Quadrupole Mass Spectrometer in an Apolar Ionic-Liquid Comprehensive Two-Dimensional Gas Chromatography System. <i>Analytical Chemistry</i> , 2010, 82, 8583-8590.	6.5	88
11	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
12	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
13	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
14	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
15	Comprehensive two-dimensional liquid chromatography to quantify polyphenols in red wines. <i>Journal of Chromatography A</i> , 2009, 1216, 7483-7487.	3.7	74
16	Use of partially porous column as second dimension in comprehensive two-dimensional system for analysis of polyphenolic antioxidants. <i>Journal of Separation Science</i> , 2008, 31, 3297-3308.	2.5	72
17	Capillary-liquid chromatography (CLC) and nano-LC in food analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 52, 226-238.	11.4	71
18	Comprehensive two-dimensional liquid chromatography-tandem mass spectrometry for the simultaneous determination of wine polyphenols and target contaminants. <i>Journal of Chromatography A</i> , 2016, 1458, 54-62.	3.7	69

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19	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
20	Multidimensional Capillary GC~GC for the Analysis of Complex Samples. 5. Enantiomeric Distribution of Monoterpene Hydrocarbons, Monoterpene Alcohols, and Linalyl Acetate of Bergamot (CitrusbergamiaRisso et Poiteau) Oils. <i>Journal of Agricultural and Food Chemistry</i> , 1998, 46, 4275-4282.	5.2	65
21	Multiple headspace-solid-phase microextraction: An application to quantification of mushroom volatiles. <i>Analytica Chimica Acta</i> , 2013, 770, 1-6.	5.4	65
22	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
23	Enantiomer identification in the flavour and fragrance fields by "interactive" combination of linear retention indices from enantioselective gas chromatography and mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1195, 117-126.	3.7	62
24	Online Comprehensive RPLC ~ RPLC with Mass Spectrometry Detection for the Analysis of Proteome Samples. <i>Analytical Chemistry</i> , 2011, 83, 2485-2491.	6.5	60
25	Nano Liquid Chromatography Directly Coupled to Electron Ionization Mass Spectrometry for Free Fatty Acid Elucidation in Mussel. <i>Analytical Chemistry</i> , 2016, 88, 4021-4028.	6.5	60
26	Characterization of Oils from the Fruits, Leaves and Flowers of the Bitter Orange Tree. <i>Journal of Essential Oil Research</i> , 2011, 23, 45-59.	2.7	55
27	Multidimensional Capillary GC~GC for the Analysis of Real Complex Samples. 3. Enantiomeric Distribution of Monoterpene Hydrocarbons and Monoterpene Alcohols of Mandarin Oils. <i>Journal of Agricultural and Food Chemistry</i> , 1998, 46, 54-61.	5.2	54
28	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
29	Complementary Analytical Liquid Chromatography Methods for the Characterization of Aqueous Phase from Pyrolysis of Lignocellulosic Biomasses. <i>Analytical Chemistry</i> , 2014, 86, 11255-11262.	6.5	51
30	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
31	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
32	Genuineness assessment of mandarin essential oils employing gas chromatography~combustion~isotope ratio MS (GC~C~RMS). <i>Journal of Separation Science</i> , 2010, 33, 617-625.	2.5	48
33	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
34	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
35	Evaluation of the volatile and chiral composition in <i>Pistacia lentiscus</i> L. essential oil. <i>Flavour and Fragrance Journal</i> , 2008, 23, 249-257.	2.6	46
36	Determination of flavanones in <i>Citrus</i> juices by means of one- and two-dimensional liquid chromatography. <i>Journal of Separation Science</i> , 2011, 34, 681-687.	2.5	46

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37	Comprehensive Liquid Chromatography and Other Liquid-Based Comprehensive Techniques Coupled to Mass Spectrometry in Food Analysis. <i>Analytical Chemistry</i> , 2017, 89, 414-429.	6.5	46
38	Serial coupled columns reversed-phase separations in high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2008, 1188, 208-215.	3.7	45
39	Free fatty acid profiling of marine sentinels by nanoLC-EI-MS for the assessment of environmental pollution effects. <i>Science of the Total Environment</i> , 2016, 571, 955-962.	8.0	45
40	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
41	Evaluation of tea tree oil quality and ascaridole: A deep study by means of chiral and multi heart-cuts multidimensional gas chromatography system coupled to mass spectrometry detection. <i>Journal of Chromatography A</i> , 2010, 1217, 6422-6427.	3.7	42
42	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
43	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
44	A rapid multidimensional liquidâ€“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
45	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
46	Multidimensional capillary GC-GC for the analysis of real complex samples. Part II. Enantiomeric distribution of monoterpene hydrocarbons and monoterpene alcohols of cold-pressed and distilled lime oils. <i>Journal of Separation Science</i> , 1998, 10, 203-212.	1.0	40
47	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
48	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.	2.7	37
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 2â€“D GC. <i>Journal of Separation Science</i> , 2008, 31, 3347-3351.	2.5	35
52	Performance evaluation of a rapidâ€“scanning quadrupole mass spectrometer in the comprehensive twoâ€“dimensional gas chromatography analysis of pesticides in water. <i>Journal of Separation Science</i> , 2011, 34, 2411-2417.	2.5	35
53	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
54	Comprehensive lipid profiling in the Mediterranean mussel (<i>Mytilus galloprovincialis</i>) using hyphenated and multidimensional chromatography techniques coupled to mass spectrometry detection. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3297-3313.	3.7	35

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55	Mass spectrometric elucidation of triacylglycerol content of Brevoortia tyrannus (menhaden) oil using non-aqueous reversed-phase liquid chromatography under ultra high pressure conditions. <i>Journal of Chromatography A</i> , 2012, 1259, 227-236.	3.7	34
56	Sicilian lemon oil: Composition of volatile and oxygen heterocyclic fractions and enantiomeric distribution of volatile components. <i>Journal of Separation Science</i> , 2010, 33, 3374-3385.	2.5	33
57	Enantiomeric distribution of key volatile components in Citrus essential oils. <i>Revista Brasileira De Farmacognosia</i> , 2011, 21, 841-849.	1.4	33
58	Continuous vs. segmented second-dimension system gradients for comprehensive two-dimensional liquid chromatography of sugarcane (<i>Saccharum</i> spp.). <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 4315-4324.	3.7	33
59	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
60	Authentication of Bergamot Essential Oil by Gas Chromatography-Combustion-Isotope Ratio Mass Spectrometer (GC-C-IRMS). <i>Journal of Essential Oil Research</i> , 2011, 23, 60-71.	2.7	32
61	Characterization of cold-pressed and processed bergamot oils by using GC-FID, GC-MS, GC-C-IRMS, enantio-GC, MDGC, HPLC and HPLC-MS-IT-TOF. <i>Journal of Essential Oil Research</i> , 2012, 24, 93-117.	2.7	32
62	Supercritical fluid chromatography for lipid analysis in foodstuffs. <i>Journal of Separation Science</i> , 2017, 40, 361-382.	2.5	32
63	Enantioselective gas chromatographic analysis of monoterpenes in essential oils of the family Myrtaceae. <i>Flavour and Fragrance Journal</i> , 2004, 19, 582-585.	2.6	31
64	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
65	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
66	Proposal of a Linear Retention Index System for Improving Identification Reliability of Triacylglycerol Profiles in Lipid Samples by Liquid Chromatography Methods. <i>Analytical Chemistry</i> , 2018, 90, 3313-3320.	6.5	31
67	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
68	Evaluation of Gas Chromatography-Combustion-Isotope Ratio Mass Spectrometry (GC-C-IRMS) for the Quality Assessment of Citrus Liqueurs. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 1661-1670.	5.2	30
69	Determination of the polyphenolic fraction of Pistacia vera L. kernel extracts by comprehensive two-dimensional liquid chromatography coupled to mass spectrometry detection. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 4819-4829.	3.7	30
70	Miniaturized LC in Molecular Omics. <i>Analytical Chemistry</i> , 2020, 92, 11485-11497.	6.5	30
71	Multidimensional liquid chromatography for the determination of chiral coumarins and furocoumarins in Citrus essential oils. <i>Journal of Separation Science</i> , 2012, 35, 1828-1836.	2.5	29
72	Authenticity control on lemon essential oils employing Gas Chromatography-Combustion-Isotope Ratio Mass Spectrometry (GC-C-IRMS). <i>Food Chemistry</i> , 2012, 131, 1523-1530.	8.2	29

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73	Determination of the Metabolite Content of Brassica juncea Cultivars Using Comprehensive Two-Dimensional Liquid Chromatography Coupled with a Photodiode Array and Mass Spectrometry Detection. <i>Molecules</i> , 2020, 25, 1235.	3.8	29
74	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
75	Analytical characterization of mandarin (<i>Citrus deliciosa</i> Ten.) essential oil. <i>Flavour and Fragrance Journal</i> , 2011, 26, 34-46.	2.6	28
76	Determination of saturated-hydrocarbon contamination in baby foods by using on-line liquidâ€“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
77	Multidimensional enantio gas chromatography/mass spectrometry and gas chromatographyâ€“combustion-isotopic ratio mass spectrometry for the authenticity assessment of lime essential oils (<i>C. aurantifolia</i> Swingle and <i>C. latifolia</i> Tanaka). <i>Journal of Chromatography A</i> , 2012, 1226, 87-95.	3.7	26
78	Antimicrobial activity of combined thyme and rosemary essential oils against <i>Listeria monocytogenes</i> in Italian mortadella packaged in modified atmosphere. <i>Journal of Essential Oil Research</i> , 2016, 28, 467-474.	2.7	26
79	Multidimensional Gas Chromatography Coupled to Combustion-Isotope Ratio Mass Spectrometry/Quadrupole MS with a Low-Bleed Ionic Liquid Secondary Column for the Authentication of Truffles and Products Containing Truffle. <i>Analytical Chemistry</i> , 2018, 90, 6610-6617.	6.5	25
80	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
81	Comprehensive twoâ€“dimensional liquid chromatography with evaporative lightâ€“scattering detection for the analysis of triacylglycerols in <i>Borago officinalis</i> . <i>Journal of Separation Science</i> , 2011, 34, 688-692.	2.5	24
82	Comparison of two different multidimensional liquidâ€“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
83	Performance evaluation of a versatile multidimensional chromatographic preparative system based on three-dimensional gas chromatography and liquid chromatographyâ€“two-dimensional gas chromatography for the collection of volatile constituents. <i>Journal of Chromatography A</i> , 2015, 1417, 96-103.	3.7	24
84	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
85	Chemical characterisation of old cabbage (<i>Brassica oleracea</i> L. var. <i>acephala</i>) seed oil by liquid chromatography and different spectroscopic detection systems. <i>Natural Product Research</i> , 2016, 30, 1646-1654.	1.8	22
86	Evolution and status of preparative gas chromatography as a green sample-preparation technique. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 71, 65-73.	11.4	21
87	Authentication of citrus volatiles based on carbon isotope ratios. <i>Journal of Essential Oil Research</i> , 2018, 30, 1-15.	2.7	21
88	Italian Citrus Petitgrain Oils. Part II. Composition of Mandarin Petitgrain Oil. <i>Journal of Essential Oil Research</i> , 1997, 9, 255-266.	2.7	20
89	Rapid Isolation of High Solute Amounts Using an Online Four-Dimensional Preparative System: Normal Phase-Liquid Chromatography Coupled to Methyl Siloxaneâ€“Ionic Liquidâ€“Wax Phase Gas Chromatography. <i>Analytical Chemistry</i> , 2014, 86, 4295-4301.	6.5	20
90	Rapid isolation, reliable characterization, and water solubility improvement of polymethoxyflavones from coldâ€“pressed mandarin essential oil. <i>Journal of Separation Science</i> , 2016, 39, 2018-2027.	2.5	20

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91	Characterization of natural vanilla flavour in foodstuff by HS-SPME and GC-MS. <i>Flavour and Fragrance Journal</i> , 2017, 32, 85-91.	2.6	20
92	Development of a Novel Microwave Distillation Technique for the Isolation of Cannabis sativa L. Essential Oil and Gas Chromatography Analyses for the Comprehensive Characterization of Terpenes and Terpenoids, Including Their Enantio-Distribution. <i>Molecules</i> , 2021, 26, 1588.	3.8	20
93	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
94	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
95	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
96	Quali-quantitative characterization of the volatile constituents in Cordia verbenacea D.C. essential oil exploiting advanced chromatographic approaches and nuclear magnetic resonance analysis. <i>Journal of Chromatography A</i> , 2017, 1524, 246-253.	3.7	18
97	The retention index approach in liquid chromatography: An historical review and recent advances. <i>Journal of Chromatography A</i> , 2021, 1640, 461963.	3.7	18
98	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
99	Combining linear retention index and electron ionization mass spectrometry for a reliable identification in nano liquid chromatography. <i>Journal of Chromatography A</i> , 2020, 1610, 460581.	3.7	17
100	Determination of petitgrain oils landmark parameters by using gas chromatography-combustion-isotope ratio mass spectrometry and enantioselective multidimensional gas chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 679-690.	3.7	16
101	Rapid Plant Volatiles Screening Using Headspace SPME and Person-Portable Gas Chromatography-Mass Spectrometry. <i>Chromatographia</i> , 2019, 82, 297-305.	1.3	16
102	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
103	Comprehensive two-dimensional liquid chromatography-based qualitative screening of aqueous phases from pyrolysis bio-oils. <i>Electrophoresis</i> , 2021, 42, 58-67.	2.4	15
104	Tuberomics: a molecular profiling for the adaption of edible fungi (<i>Tuber magnatum</i> Pico) to different natural environments. <i>BMC Genomics</i> , 2020, 21, 90.	2.8	15
105	On the genuineness of citrus essential oils. Part LVII. The composition of distilled lime oil. <i>Flavour and Fragrance Journal</i> , 1998, 13, 93-97.	2.6	14
106	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
107	Analytical Characterization of Industrial Essential Oils from Fruits and Leaves of <i>C. aurantifolia</i> Tan. and <i>C. latifolia</i> Swing.. <i>Journal of Essential Oil Research</i> , 2011, 23, 68-79.	2.7	13
108	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

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109	Carbon isotope ratios of selected volatiles in <i>Citrus sinensis</i> and in orange-flavoured food. <i>Journal of the Science of Food and Agriculture</i> , 2015, 95, 2944-2950.	3.5	13
110	Improving the productivity of a multidimensional chromatographic preparative system by collecting pure chemicals after each of three chromatographic dimensions. <i>Journal of Chromatography A</i> , 2016, 1475, 80-85.	3.7	13
111	Composition of Egyptian neroli oil. <i>Natural Product Communications</i> , 2011, 6, 1009-14.	0.5	13
112	Pattern-Type Separation of Triacylglycerols by Silver Thiolate-Non-Aqueous Reversed Phase. <i>Comprehensive Liquid Chromatography. Separations</i> , 2021, 8, 88.	2.4	11
113	Enhanced resolution of <i>Mentha piperita</i> volatile fraction using a novel medium-polarity ionic liquid gas chromatography stationary phase. <i>Journal of Separation Science</i> , 2016, 39, 537-544.	2.5	10
114	Composition of Egyptian Neroli Oil. <i>Natural Product Communications</i> , 2011, 6, 1934578X1100600.	0.5	9
115	Novel comprehensive multidimensional liquid chromatography approach for elucidation of the microbiosphere of shikimate-producing <i>Escherichia coli</i> SP1.1/pKD15.071 strain. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3473-3482.	3.7	8
116	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
117	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
118	Overcoming the lack of reliability associated to monodimensional gas chromatography coupled to isotopic ratio mass spectrometry data by heart-cut two-dimensional gas chromatography. <i>Journal of Chromatography A</i> , 2021, 1655, 462473.	3.7	7
119	Non-psychoactive cannabinoids identification by linear retention index approach applied to a hand-portable capillary liquid chromatography platform. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 6341-6353.	3.7	7
120	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
121	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
122	Comprehensive Gas Chromatography Methodologies for the Analysis of Lipids. , 2017, , 407-444.		5
123	Collection and identification of an unknown component from <i>Eugenia uniflora</i> essential oil exploiting a multidimensional preparative three-GC system employing apolar, mid-polar and ionic liquid stationary phases. <i>Faraday Discussions</i> , 2019, 218, 101-114.	3.2	5
124	Simultaneous evaluation of the enantiomeric and carbon isotopic ratios of <i>Cannabis sativa</i> L. essential oils by multidimensional gas chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 5643-5656.	3.7	5
125	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
126	Volatiles from Steam-distilled Leaves of Some Plant Species from Madagascar and New Zealand and Evaluation of Their Biological Activity. <i>Natural Product Communications</i> , 2010, 5, 1934578X1000501.	0.5	4

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127	Isotopic and Statistical Methods for the Traceability of Milk and Dairy Products. Food Analytical Methods, 2022, 15, 1936-1944.	2.6	4
128	Detectors and basic data analysis. Separation Science and Technology, 2020, 12, 205-227.	0.2	2
129	Heart-cutting and comprehensive multidimensional gas chromatography: Basic principles. Comprehensive Analytical Chemistry, 2022, , 69-92.	1.3	2
130	Dealing with complexity: general discussion. Faraday Discussions, 2019, 218, 138-156.	3.2	1
131	Evaluation of the carbon isotope ratios of selected volatiles determined in several citrus authentic petitgrain oils. Bigarade (C. aurantium) petitgrain oil's first case report. Journal of Essential Oil Research, 2019, 31, 99-110.	2.7	1
132	Comprehensive 2D Gas Chromatography. , 2020, , 183-226.		1
133	Multidimensional gas chromatography: Hyphenation with mass spectrometry. Comprehensive Analytical Chemistry, 2022, , .	1.3	0