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List of Publications by Year
in descending order

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44 papers	1,862 citations	172457 29 h-index	265206 42 g-index
46 all docs	46 docs citations	46 times ranked	2013 citing authors

#	Article	IF	Citations
1	Determination of phospholipids in milk samples by means of hydrophilic interaction liquid chromatography coupled to evaporative light scattering and mass spectrometry detection. Journal of Chromatography A, 2011, 1218, 6476-6482.	3.7	110
2	Comparative Analysis of Flavonoid Profile, Antioxidant and Antimicrobial Activity of the Berries of Juniperus communis L. var. communis and Juniperus communis L. var. saxatilis Pall. from Turkey. Journal of Agricultural and Food Chemistry, 2009, 57, 6570-6577.	5.2	91
3	Potential of comprehensive chromatography in food analysis. TrAC - Trends in Analytical Chemistry, 2013, 52, 186-205.	11.4	91
4	High efficiency liquid chromatography techniques coupled to mass spectrometry for the characterization of mate extracts. Journal of Chromatography A, 2009, 1216, 7213-7221.	3.7	89
5	Mass spectrometry detection in comprehensive liquid chromatography: Basic concepts, instrumental aspects, applications and trends. Mass Spectrometry Reviews, 2012, 31, 523-559.	5.4	86
6	Comprehensive two-dimensional liquid chromatography to quantify polyphenols in red wines. Journal of Chromatography A, 2009, 1216, 7483-7487.	3.7	74
7	Comprehensive chromatographic methods for the analysis of lipids. TrAC - Trends in Analytical Chemistry, 2007, 26, 191-205.	11.4	73
8	Use of partially porous column as second dimension in comprehensive twoâ€dimensional system for analysis of polyphenolic antioxidants. Journal of Separation Science, 2008, 31, 3297-3308.	2.5	72
9	Stop-flow comprehensive two-dimensional liquid chromatography combined with mass spectrometric detection for phospholipid analysis. Journal of Chromatography A, 2013, 1278, 46-53.	3.7	69
10	Ultra high pressure in the second dimension of a comprehensive two-dimensional liquid chromatographic system for carotenoid separation in red chili peppers. Journal of Chromatography A, 2012, 1255, 244-251.	3.7	63
11	Online Comprehensive RPLC Ã— RPLC with Mass Spectrometry Detection for the Analysis of Proteome Samples. Analytical Chemistry, 2011, 83, 2485-2491.	6.5	60
12	Characterization of the polyphenolic fraction of Morus alba leaves extracts by HPLC coupled to a hybrid ITâ€TOF MS system. Journal of Separation Science, 2009, 32, 3627-3634.	2.5	56
13	High performance characterization of triacylglycerols in milk and milk-related samples by liquid chromatography and mass spectrometry. Journal of Chromatography A, 2014, 1360, 172-187.	3.7	54
14	Determination of the polyphenolic content of a Capsicum annuum L. extract by liquid chromatography coupled to photodiode array and mass spectrometry detection and evaluation of its biological activity. Journal of Separation Science, 2015, 38, 171-178.	2.5	54
15	Complementary Analytical Liquid Chromatography Methods for the Characterization of Aqueous Phase from Pyrolysis of Lignocellulosic Biomasses. Analytical Chemistry, 2014, 86, 11255-11262.	6.5	51
16	Epoxycarotenoids esters analysis in intact orange juices using twoâ€dimensional comprehensive liquid chromatography. Journal of Separation Science, 2009, 32, 973-980.	2.5	49
17	Profiling and quantifying polar lipids in milk by hydrophilic interaction liquid chromatography coupled with evaporative light-scattering and mass spectrometry detection. Analytical and Bioanalytical Chemistry, 2013, 405, 4617-4626.	3.7	49
18	Juniperus oxycedrus L. subsp. oxycedrus and Juniperus oxycedrus L. subsp. macrocarpa (Sibth. &) Tj ETQq0 0 0 rgBT /Overlock 10 Tf and antimicrobial activities. Food and Chemical Toxicology, 2013, 58, 22-29.	3.6	49

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19	Comprehensive Liquid Chromatography and Other Liquid-Based Comprehensive Techniques Coupled to Mass Spectrometry in Food Analysis. Analytical Chemistry, 2017, 89, 414-429.	6.5	46
20	Serial coupled columns reversed-phase separations in high-performance liquid chromatography. Journal of Chromatography A, 2008, 1188, 208-215.	3.7	45
21	Rapid analysis of food products by means of high speed gas chromatography. Journal of Separation Science, 2007, 30, 508-526.	2.5	40
22	Role of the flavonoid-rich fraction in the antioxidant and cytotoxic activities of Bauhinia forficata Link. (Fabaceae) leaves extract. Natural Product Research, 2016, 30, 1229-1239.	1.8	40
23	RPâ€ŁCÃ—RPâ€ŁC analysis of a tryptic digest using a combination of totally porous and partially porous stationary phases. Journal of Separation Science, 2010, 33, 1454-1461.	2.5	38
24	Acquisition of deeper knowledge on the human plasma fatty acid profile exploiting comprehensive 2â€Ð GC. Journal of Separation Science, 2008, 31, 3347-3351.	2.5	35
25	Comprehensive lipid profiling in the Mediterranean mussel (Mytilus galloprovincialis) using hyphenated and multidimensional chromatography techniques coupled to mass spectrometry detection. Analytical and Bioanalytical Chemistry, 2018, 410, 3297-3313.	3.7	35
26	High peak capacity separation of peptides through the serial connection of LC shellâ€þacked columns. Journal of Separation Science, 2009, 32, 1129-1136.	2.5	34
27	Mass spectrometric elucidation of triacylglycerol content of Brevoortia tyrannus (menhaden) oil using non-aqueous reversed-phase liquid chromatography under ultra high pressure conditions. Journal of Chromatography A, 2012, 1259, 227-236.	3.7	34
28	Continuous vs. segmented second-dimension system gradients for comprehensive two-dimensional liquid chromatography of sugarcane (Saccharum spp.). Analytical and Bioanalytical Chemistry, 2014, 406, 4315-4324.	3.7	33
29	Supercritical fluid chromatography for lipid analysis in foodstuffs. Journal of Separation Science, 2017, 40, 361-382.	2.5	32
30	Analytical characterization of mandarin (Citrus deliciosa Ten.) essential oil. Flavour and Fragrance Journal, 2011, 26, 34-46.	2.6	28
31	Comprehensive twoâ€dimensional liquid chromatography with evaporative lightâ€scattering detection for the analysis of triacylglycerols in Borago officinalis. Journal of Separation Science, 2011, 34, 688-692.	2.5	24
32	Development of an online capillary comprehensive 2Dâ€ŁC system for the analysis of proteome samples. Journal of Separation Science, 2012, 35, 530-533.	2.5	22
33	Gas Chromatographyâ€"Fourier Transform Infrared Spectroscopy for Unambiguous Determination of Illicit Drugs: A Proof of Concept. Frontiers in Chemistry, 2020, 8, 624.	3.6	19
34	Analytical Characterization of 3-MeO-PCP and 3-MMC in Seized Products and Biosamples: The Role of LC-HRAM-Orbitrap-MS and Solid Deposition GC-FTIR. Frontiers in Chemistry, 2020, 8, 618339.	3.6	17
35	Offline LC-GCÃ—GC in combination with rapid-scanning quadrupole mass spectrometry. Journal of Separation Science, 2008, 31, 3329-3336.	2.5	15
36	Identification of highâ€value generating molecules from the wastes of tuna fishery industry by liquid chromatography and gas chromatography hyphenated techniques with automated sample preparation. Journal of Separation Science, 2021, 44, 1571-1580.	2.5	15

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37	Determination of new bioflavonoids in bergamot (Citrus bergamia) peel oil by liquid chromatography coupled to tandem ion trapâ€“timeâ€ofâ€flight mass spectrometry. Flavour and Fragrance Journal, 2014, 29, 131-136.	2.6	13
38	NMR characterisation and dynamic behaviour of [Pt(bipy)(R-Thiourea)2]Cl2 and [Pt(phen)(R-Thiourea)2]Cl2 complexes. Inorganica Chimica Acta, 2014, 410, 1-10.	2.4	11
39	Pattern-Type Separation of Triacylglycerols by Silver ThiolateÃ—Non-Aqueous Reversed Phase Comprehensive Liquid Chromatography. Separations, 2021, 8, 88.	2.4	11
40	Study of the carotenoid composition in membrillo, guanabana toreta, jobo and mamey fruits. Fruits, 2015, 70, 163-172.	0.4	10
41	Betula pendula Roth leaves: gastroprotective effects of an HPLC-fingerprinted methanolic extract. Natural Product Research, 2013, 27, 1569-1575.	1.8	9
42	The online coupling of liquid chromatography to Fourier transform infrared spectroscopy using a solute-deposition interface: A proof of concept. Analytical and Bioanalytical Chemistry, 2022, 414, 703-712.	3.7	5
43	Lipidomics. Comprehensive Analytical Chemistry, 2015, 68, 395-439.	1.3	4
44	Selected papers from the 42th International Symposium on Capillary Chromatography and 15th GCâ€Ã—â€GC symposium (RIVA 2018). Journal of Chromatography A, 2020, 1613, 460626.	3.7	0