Giorgio Famiglini

List of Publications by Year
in descending order

71	2,670	172207	189595
papers	citations	29 h-index	50 g-index

72	72	72	2471
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Liquid Chromatographyâ€“Electron Capture Negative Ionizationâ€“Tandem Mass Spectrometry Detection of Pesticides in a Commercial Formulation. Journal of the American Society for Mass Spectrometry, 2022, 33, 141-148.	1.2	4
2	Direct Coupling of Bio-SPME to Liquid Electron Ionization-MS/MS via a Modified Microfluidic Open Interface. Journal of the American Society for Mass Spectrometry, 2021, 32, 262-269.	1.2	14
3	The history of electron ionization in LC-MS, from the early days to modern technologies: A review. Analytica Chimica Acta, 2021, 1167, 338350.	2.6	25
4	Tyrosol and Hydroxytyrosol Determination in Extra Virgin Olive Oil with Direct Liquid Electron Ionization-Tandem Mass Spectrometry. Separations, 2021, 8, 173.	1.1	6
5	Microfluidic water-assisted trap focusing method for ultra-large volume injection in reversed-phase nano-liquid chromatography coupled to electron ionization tandem-mass spectrometry. Journal of Chromatography A, 2020, 1627, 461421.	1.8	5
6	MASS SPECTROMETRY ANALYSIS OF DRUGS OF ABUSE: CHALLENGES AND EMERGING STRATEGIES. Mass Spectrometry Reviews, 2020, 39, 703-744.	2.8	38
7	Mass Spectrometry Based Approach for Organic Synthesis Monitoring. Analytical Chemistry, 2019, 91, 11916-11922.	3.2	14
8	Rapid, hydrolysis-free, dilute-and-shoot method for the determination of buprenorphine, norbuprenorphine and their glucuronides in urine samples using UHPLC-MS/MS. Journal of Pharmaceutical and Biomedical Analysis, 2019, 166, 236-243.	1.4	11
9	Evaluation of a liquid electron ionization liquid chromatographyâ€“mass spectrometry interface. Journal of Chromatography A, 2019, 1591, 120-130.	1.8	33
10	Determination of benzodiazepines in beverages using green extraction methods and capillary HPLC-UV detection. Journal of Pharmaceutical and Biomedical Analysis, 2018, 154, 492-500.	1.4	28
11	Electron Ionization LC-MS. Comprehensive Analytical Chemistry, 2018, 79, 1-28.	0.7	9
12	The effect of diethylene glycol on pollution from offshore gas platforms. Environmental Chemistry, 2018, 15, 74.	0.7	1
13	Atmospheric Pressure Vaporization Mechanism for Coupling a Liquid Phase with Electron Ionization Mass Spectrometry. Analytical Chemistry, 2017, 89, 2049-2056.	3.2	35
14	Liquid chromatography-electron ionization tandem mass spectrometry with the Direct-EI interface in the fast determination of diazepam and flunitrazepam in alcoholic beverages. Electrophoresis, 2016, 37, 1048-1054.	1.3	24
15	Maltooligosaccharides in the northwestern Adriatic Sea. Chemistry and Ecology, 2016, 32, 88-102.	0.6	2
16	Microextraction by packed sorbent (MEPS)-UHPLC-UV: A simple and efficient method for the determination of five benzodiazepines in an alcoholic beverage. Journal of Pharmaceutical and Biomedical Analysis, 2016, 125, 48-53.	1.4	33
17	Condensed Phase Membrane Introduction Mass Spectrometry with Direct Electron Ionization: On-line Measurement of PAHs in Complex Aqueous Samples. Journal of the American Society for Mass Spectrometry, 2016, 27, 301-308.	1.2	17
18	Boosting the Detection Potential of Liquid Chromatography-Electron Ionization Mass Spectrometry Using a Ceramic Coated Ion Source. Journal of the American Society for Mass Spectrometry, 2016, 27, 153-160.	1.2	12

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19	The Rapid Measurement of Benzodiazepines in a Milk-Based Alcoholic Beverage Using QuEChERS Extraction and GC-MS Analysis. Journal of Analytical Toxicology, 2015, 39, 306-312.	1.7	32
20	Occurrence of specific environmental risk factors in brain tissues of sudden infant death and sudden intrauterine unexpected death victims assessed with gas chromatographyâ€“tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2015, 407, 2463-2472.	1.9	2
21	Rapid LCâ€MS method for the detection of common fragrances in personal care products without sample preparation. Electrophoresis, 2014, 35, 1339-1345.	1.3	25
22	Determination of selected endocrine disrupting compounds in human fetal and newborn tissues by GC-MS. Analytical and Bioanalytical Chemistry, 2014, 406, 2779-2788.	1.9	16
23	Flow injection of liquid samples to a mass spectrometer with ionization under vacuum conditions: a combined ion source for single-photon and electron impact ionization. Analytical and Bioanalytical Chemistry, 2013, 405, 6953-6957.	1.9	12
24	A Fast and Effective Method for Packing Nano-LC Columns with Solid-Core Nano Particles Based on the Synergic Effect of Temperature, Slurry Composition, Sonication and Pressure. Chromatographia, 2013, 76, 1079-1086.	0.7	10
25	A new liquid chromatographyâ€“mass spectrometry approach for generic screening and quantitation of potential genotoxic alkylation compounds without derivatization. Journal of Chromatography A, 2012, 1255, 286-290.	1.8	18
26	Determination of Natural Pyrethrins by Liquid Chromatographyâ€Electron Ionisationâ€Mass Spectrometry. Phytochemical Analysis, 2012, 23, 191-196.	1.2	7
27	Inâ€depth performance investigation of a nanoâ€LC gradient generator. Electrophoresis, 2012, 33, 575-582.	1.3	7
28	Temperature effects on nanoâ€<scp>LC</scp> column packing technology. Journal of Separation Science, 2012, 35, 1589-1595.	1.3	6
29	Application of Liquid Chromatography-Direct-Electron Ionization-MS in an in Vitro Dermal Absorption Study: Quantitative Determination of trans-Cinnamaldehyde. Analytical Chemistry, 2011, 83, 8537-8542.	3.2	15
30	Electron ionization in LC-MS: recent developments and applications of the direct-EI LC-MS interface. Analytical and Bioanalytical Chemistry, 2011, 399, 2683-2693.	1.9	44
31	Profiling of non-esterified fatty acids in human plasma using liquid chromatography-electron ionization mass spectrometry. Analytical and Bioanalytical Chemistry, 2011, 400, 2933-2941.	1.9	38
32	An overview of matrix effects in liquid chromatographyâ€“mass spectrometry. Mass Spectrometry Reviews, 2011, 30, 491-509.	2.8	601
33	Directâ€EI in LCâ€“MS: Towards a universal detector for smallâ€molecule applications. Mass Spectrometry Reviews, 2011, 30, 1242-1255.	2.8	43
34	MATRIX EFFECTS IN LIQUID CHROMATOGRAPHY-MASS SPECTROMETRY. Journal of Liquid Chromatography and Related Technologies, 2010, 33, 1067-1081.	0.5	54
35	Study on the maltooligosaccharide composition of mucilage samples collected along the northern Adriatic coast. Carbohydrate Research, 2009, 344, 120-126.	1.1	5
36	LCâ€“ESI-MS determination of diethylene glycol pollution in sea water samples collected around gas extraction platform plants. Talanta, 2009, 80, 257-262.	2.9	4

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37	Single-Step LC/MS Method for the Simultaneous Determination of GC-Amenable Organochlorine and LC-Amenable Phenoxy Acidic Pesticides. Analytical Chemistry, 2009, 81, 7373-7378.	3.2	50
38	Overcoming Matrix Effects in Liquid Chromatographyâ^'Mass Spectrometry. Analytical Chemistry, 2008, 80, 9343-9348.	3.2	228
39	Near-field dispersion of produced formation water (PFW) in the Adriatic Sea: An integrated numericalâ€"chemical approach. Marine Environmental Research, 2008, 65, 325-337.	1.1	9
40	Organochlorine Pesticides by LCâ^'MS. Analytical Chemistry, 2008, 80, 3445-3449.	3.2	76
41	Study on the oligosaccharides composition of the water-soluble fraction of marine mucilage by electrospray tandem mass spectrometry. Water Research, 2007, 41, 2911-2920.	5.3	19
42	Application of nano-FIA-Direct-EI-MS to determine diethylene glycol in produced formation water discharges and seawater samples. Chemosphere, 2007, 69, 554-560.	4.2	18
43	Advanced Liquid Chromatographyâ^'Mass Spectrometry Interface Based on Electron Ionization. Analytical Chemistry, 2007, 79, 5364-5372.	3.2	60
44	Adsorption of Pure and Mixed Solvent Solutions of Spin Probes onto Stationary Phases. Journal of Physical Chemistry B, 2006, 110, 10421-10429.	1.2	9
45	Liquid chromatography-electron ionization mass spectrometry: Fields of application and evaluation of the performance of a Direct-EI interface. Mass Spectrometry Reviews, 2005, 24, 978-989.	2.8	29
46	Determination of Endocrine Disrupting Compounds in Marine Water by Nanoliquid Chromatography/Direct-Electron Ionization Mass Spectrometry. Analytical Chemistry, 2005, 77, 7654-7661.	3.2	30
47	Fate of Enrofloxacin in Swine Sewage. Journal of Agricultural and Food Chemistry, 2004, 52, 3473-3477.	2.4	26
48	Nano-high-performance liquid chromatographyâ€"electron ionization mass spectrometry approach for environmental analysis. Analytica Chimica Acta, 2003, 493, 125-136.	2.6	47
49	Variable-Gradient Generator for Micro- and Nano-HPLC. Analytical Chemistry, 2003, 75, 1173-1179.	3.2	50
50	Peer Reviewed: Electron Ionization for LC/MS. Analytical Chemistry, 2003, 75, 496 A-503 A.	3.2	15
51	Comparison of Solid-Phase Extraction and Micro-Solid-Phase Extraction for Liquid Chromatography/Mass Spectrometry Analysis of Pesticides in Water Samples. Journal of AOAC INTERNATIONAL, 2003, 86, 941-946.	0.7	6
52	Trace Level Determination of Organophosphorus Pesticides in Water with the New Direct-Electron Ionization LC/MS Interface. Analytical Chemistry, 2002, 74, 3547-3554.	3.2	136
53	A simple approach for coupling liquid chromatography and electron ionization mass spectrometry. Journal of the American Society for Mass Spectrometry, 2002, 13, 265-273.	1.2	48
54	New liquid chromatography/electron ionization mass spectrometry methods in water analysis. Annali Di Chimica, 2002, 92, 623-36.	0.6	0

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55	Micro-SPE Method for Sample Introduction in Capillary HPLC/MS. Analytical Chemistry, 2001, 73, 298-302.	3.2	22
56	New trends in the application of electron ionization to liquid chromatography?mass spectrometry interfacing. Mass Spectrometry Reviews, 2001, 20, 88-104.	2.8	46
57	An Efficient Liquid Chromatographyâ^'Mass Spectrometry Interface for the Generation of Electron Ionization Spectra. Analytical Chemistry, 2000, 72, 3841-3846.	3.2	31
58	Liquid chromatographicâ€“mass spectrometric determination of phenolic compounds using a capillary-scale particle beam interface. Journal of Chromatography A, 1999, 855, 515-527.	1.8	35
59	Simultaneous Determination of Acidic and Basic-Neutral Pesticides in Water at ppt Concentration Level by Ion-Interaction Micro-HPLC/MS. Environmental Science & Technology, 1999, 33, 3905-3910.	4.6	13
60	Capillary-scale particle-beam liquid chromatography/mass spectrometry interface: Can electron ionization sustain the competition?. Journal of the American Society for Mass Spectrometry, 1998, 9, 993-1001.	1.2	31
61	Use of Nonvolatile Buffers in Liquid Chromatography/Mass Spectrometry:Â Advantages of Capillary-Scale Particle Beam Interfacing. Analytical Chemistry, 1997, 69, 5136-5141.	3.2	27
62	Large volume injection of acidic pesticides by reversed-phase micro high-performance liquid chromatography. Journal of Chromatography A, 1997, 768, 215-222.	1.8	33
63	Enhanced detection sensitivity by large volume injection in reversed-phase micro-high-performance liquid chromatography. Journal of Chromatography A, 1996, 742, 69-78.	1.8	36
64	Electron capture ionization of explosives with a microflow rate particle beam interface. Journal of the American Society for Mass Spectrometry, 1996, 7, 753-758.	1.2	31
65	Analysis of coumarins by micro high-performance liquid chromatography-mass spectrometry with a particle beam interface. Journal of the American Society for Mass Spectrometry, 1995, 6, 132-139.	1.2	25
66	Determination of aflatoxins in peanut meal by LC/MS with a particle beam interface. Chromatographia, 1995, 40, 411-416.	0.7	36
67	Analysis of Thermally Unstable Compounds by a Liquid Chromatography/Mass Spectrometry Particle Beam Interface with a Modified Ion Source. Analytical Chemistry, 1995, 67, 412-419.	3.2	35
68	New Approach for the Analysis of Acidic Pesticides in Water by LC/MS with a Particle Beam Interface. Environmental Science & Technology, 1995, 29, 2295-2300.	4.6	29
69	Generation of split-flow micro-gradients for capillary HPLC. Chromatographia, 1994, 39, 279-284.	0.7	29
70	Determination of Acidic and Basic/Neutral Pesticides in Water with a New Microliter Flow Rate LC/MS Particle Beam Interface. Analytical Chemistry, 1994, 66, 1416-1423.	3.2	76
71	Evaluation of the Performance of a Microflow Rate LC/MS Particle Beam Interface. Analytical Chemistry, 1994, 66, 3970-3976.	3.2	29