

# Paola Agata Eustochia Donato

## 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	The online coupling of liquid chromatography to Fourier transform infrared spectroscopy using a solute-deposition interface: A proof of concept. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 703-712.	3.7	5
2	Identification of high-value generating molecules from the wastes of tuna fishery industry by liquid chromatography and gas chromatography hyphenated techniques with automated sample preparation. <i>Journal of Separation Science</i> , 2021, 44, 1571-1580.	2.5	15
3	Pattern-Type Separation of Triacylglycerols by Silver Thiolate—Non-Aqueous Reversed Phase Comprehensive Liquid Chromatography. <i>Separations</i> , 2021, 8, 88.	2.4	11
4	Selected papers from the 42th International Symposium on Capillary Chromatography and 15th GC—GC symposium (RIVA 2018). <i>Journal of Chromatography A</i> , 2020, 1613, 460626.	3.7	0
5	Gas Chromatography—Fourier Transform Infrared Spectroscopy for Unambiguous Determination of Illicit Drugs: A Proof of Concept. <i>Frontiers in Chemistry</i> , 2020, 8, 624.	3.6	19
6	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. <i>Frontiers in Chemistry</i> , 2020, 8, 618339.	3.6	17
7	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
8	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
9	Supercritical fluid chromatography for lipid analysis in foodstuffs. <i>Journal of Separation Science</i> , 2017, 40, 361-382.	2.5	32
10	Role of the flavonoid-rich fraction in the antioxidant and cytotoxic activities of <i>Bauhinia forficata</i> Link. (Fabaceae) leaves extract. <i>Natural Product Research</i> , 2016, 30, 1229-1239.	1.8	40
11	Lipidomics. <i>Comprehensive Analytical Chemistry</i> , 2015, 68, 395-439.	1.3	4
12	Determination of the polyphenolic content of a <i>Capsicum annum</i> L. extract by liquid chromatography coupled to photodiode array and mass spectrometry detection and evaluation of its biological activity. <i>Journal of Separation Science</i> , 2015, 38, 171-178.	2.5	54
13	Study of the carotenoid composition in membrillo, guanabana toreta, jobo and mamey fruits. <i>Fruits</i> , 2015, 70, 163-172.	0.4	10
14	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
15	Determination of new bioflavonoids in bergamot ( <i>Citrus bergamia</i> ) peel oil by liquid chromatography coupled to tandem ion trap—time-of-flight mass spectrometry. <i>Flavour and Fragrance Journal</i> , 2014, 29, 131-136.	2.6	13
16	NMR characterisation and dynamic behaviour of [Pt(bipy)(R-Thiourea) <sub>2</sub> Cl <sub>2</sub> ] and [Pt(phen)(R-Thiourea) <sub>2</sub> Cl <sub>2</sub> ] complexes. <i>Inorganica Chimica Acta</i> , 2014, 410, 1-10.	2.4	11
17	High performance characterization of triacylglycerols in milk and milk-related samples by liquid chromatography and mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1360, 172-187.	3.7	54
18	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

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19	Profiling and quantifying polar lipids in milk by hydrophilic interaction liquid chromatography coupled with evaporative light-scattering and mass spectrometry detection. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 4617-4626.	3.7	49
20	<i>Juniperus oxycedrus</i> L. subsp. <i>oxycedrus</i> and <i>Juniperus oxycedrus</i> L. subsp. <i>macrocarpa</i> (Sibth. & Poir.) Tjallingii: Antioxidant and antimicrobial activities. <i>Food and Chemical Toxicology</i> , 2013, 58, 22-29.	3.6	49
21	<i>Betula pendula</i> Roth leaves: gastroprotective effects of an HPLC-fingerprinted methanolic extract. <i>Natural Product Research</i> , 2013, 27, 1569-1575.	1.8	9
22	Potential of comprehensive chromatography in food analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 52, 186-205.	11.4	91
23	Stop-flow comprehensive two-dimensional liquid chromatography combined with mass spectrometric detection for phospholipid analysis. <i>Journal of Chromatography A</i> , 2013, 1278, 46-53.	3.7	69
24	Mass spectrometric elucidation of triacylglycerol content of <i>Brevoortia tyrannus</i> (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
25	Ultra high pressure in the second dimension of a comprehensive two-dimensional liquid chromatographic system for carotenoid separation in red chili peppers. <i>Journal of Chromatography A</i> , 2012, 1255, 244-251.	3.7	63
26	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
27	Development of an online capillary comprehensive 2D-LC system for the analysis of proteome samples. <i>Journal of Separation Science</i> , 2012, 35, 530-533.	2.5	22
28	Online Comprehensive RPLC-MS/MS—RPLC with Mass Spectrometry Detection for the Analysis of Proteome Samples. <i>Analytical Chemistry</i> , 2011, 83, 2485-2491.	6.5	60
29	Determination of phospholipids in milk samples by means of hydrophilic interaction liquid chromatography coupled to evaporative light scattering and mass spectrometry detection. <i>Journal of Chromatography A</i> , 2011, 1218, 6476-6482.	3.7	110
30	Comprehensive two-dimensional liquid chromatography with evaporative light-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
31	Analytical characterization of mandarin ( <i>Citrus deliciosa</i> Ten.) essential oil. <i>Flavour and Fragrance Journal</i> , 2011, 26, 34-46.	2.6	28
32	RP-LC-MS/MS analysis of a tryptic digest using a combination of totally porous and partially porous stationary phases. <i>Journal of Separation Science</i> , 2010, 33, 1454-1461.	2.5	38
33	High peak capacity separation of peptides through the serial connection of LC shell-packed columns. <i>Journal of Separation Science</i> , 2009, 32, 1129-1136.	2.5	34
34	Epoxy-carotenoids esters analysis in intact orange juices using two-dimensional comprehensive liquid chromatography. <i>Journal of Separation Science</i> , 2009, 32, 973-980.	2.5	49
35	Characterization of the polyphenolic fraction of <i>Morus alba</i> leaves extracts by HPLC coupled to a hybrid IT-TOF MS system. <i>Journal of Separation Science</i> , 2009, 32, 3627-3634.	2.5	56
36	Comprehensive two-dimensional liquid chromatography to quantify polyphenols in red wines. <i>Journal of Chromatography A</i> , 2009, 1216, 7483-7487.	3.7	74

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37	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
38	Comparative Analysis of Flavonoid Profile, Antioxidant and Antimicrobial Activity of the Berries of <i>Juniperus communis</i> L. var. <i>communis</i> and <i>Juniperus communis</i> L. var. <i>saxatilis</i> Pall. from Turkey. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 6570-6577.	5.2	91
39	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
40	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
41	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
42	Serial coupled columns reversed-phase separations in high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2008, 1188, 208-215.	3.7	45
43	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
44	Comprehensive chromatographic methods for the analysis of lipids. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 191-205.	11.4	73