

# Maria Rambla-Alegre

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

1,284  
citations

304602

22  
h-index

395590

33  
g-index

62  
all docs

62  
docs citations

62  
times ranked

1279  
citing authors

#	ARTICLE	IF	CITATIONS
1	Is it really necessary to validate an analytical method or not? That is the question. <i>Journal of Chromatography A</i> , 2012, 1232, 101-109.	1.8	105
2	Analysis of selected veterinary antibiotics in fish by micellar liquid chromatography with fluorescence detection and validation in accordance with regulation 2002/657/EC. <i>Food Chemistry</i> , 2010, 123, 1294-1302.	4.2	65
3	Development of an analytical methodology to quantify melamine in milk using micellar liquid chromatography and validation according to EU Regulation 2002/654/EC. <i>Talanta</i> , 2010, 81, 894-900.	2.9	65
4	Identification of ciguatoxins in a shark involved in a fatal food poisoning in the Indian Ocean. <i>Scientific Reports</i> , 2017, 7, 8240.	1.6	59
5	Evaluation of the occurrence and fate of pesticides in a typical Mediterranean delta ecosystem (Ebro). <i>Talanta</i> , 2017, 161, 392-398.	3.7	98
6	Evaluation of tetrodotoxins in puffer fish caught along the Mediterranean coast of Spain. Toxin profile of <i>Lagocephalus sceleratus</i> . <i>Environmental Research</i> , 2017, 158, 1-6.	3.7	47
7	Tamoxifen monitoring studies in breast cancer patients by micellar liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 1557-1561.	1.9	43
8	Development of a methodology to quantify tamoxifen and endoxifen in breast cancer patients by micellar liquid chromatography and validation according to the ICH guidelines. <i>Talanta</i> , 2011, 84, 314-318.	2.9	41
9	Occurrence of cyclic imines in European commercial seafood and consumers risk assessment. <i>Environmental Research</i> , 2018, 161, 392-398.	3.7	35
10	Direct determination of verapamil in urine and serum samples by micellar liquid chromatography and fluorescence detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 839, 89-94.	1.2	31
11	Detection of tetrodotoxins in juvenile pufferfish <i>Lagocephalus sceleratus</i> (Gmelin, 1789) from the North Aegean Sea (Greece) by an electrochemical magnetic bead-based immunosensing tool. <i>Food Chemistry</i> , 2019, 290, 255-262.	4.2	30
12	Determination of trazodone in urine and pharmaceuticals using micellar liquid chromatography with fluorescence detection. <i>Journal of Chromatography A</i> , 2007, 1156, 254-258.	1.8	29
13	Fast analysis of relevant contaminants mixture in commercial shellfish. <i>Talanta</i> , 2019, 205, 119884.	2.9	29
14	Use of Mass Spectrometry to Determine the Diversity of Toxins Produced by <i>Gambierdiscus</i> and <i>Fukuyoa</i> Species from Balearic Islands and Crete (Mediterranean Sea) and the Canary Islands (Northeast Atlantic). <i>Toxins</i> , 2020, 12, 305.	1.5	29
15	Analysis of omeprazole and its main metabolites by liquid chromatography using hybrid micellar mobile phases. <i>Analytica Chimica Acta</i> , 2009, 633, 250-256.	2.6	28
16	Use of micellar mobile phases for the chromatographic determination of melamine in dietetic supplements. <i>Analyst</i> , 2012, 137, 269-274.	1.7	27
17	Determination of sulfonamides in milk after precolumn derivatisation by micellar liquid chromatography. <i>Analytica Chimica Acta</i> , 2007, 593, 152-156.	2.6	26
18	Immunorecognition magnetic supports for the development of an electrochemical immunoassay for azaspiracid detection in mussels. <i>Biosensors and Bioelectronics</i> , 2017, 92, 200-206.	5.3	26

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19	Validation of an analytical methodology to quantify melamine in body fluids using micellar liquid chromatography. <i>Talanta</i> , 2012, 88, 617-622.	2.9	25
20	Development and validation of a maleimide-based enzyme-linked immunosorbent assay for the detection of tetrodotoxin in oysters and mussels. <i>Talanta</i> , 2018, 176, 659-666.	2.9	25
21	Capillary electrophoresis determination of antihistamines in serum and pharmaceuticals. <i>Analytica Chimica Acta</i> , 2010, 666, 102-109.	2.6	24
22	Application of a liquid chromatographic procedure for the analysis of penicillin antibiotics in biological fluids and pharmaceutical formulations using sodium dodecyl sulphate/propanol mobile phases and direct injection. <i>Journal of Chromatography A</i> , 2011, 1218, 4972-4981.	1.8	23
23	Addressing the Analytical Challenges for the Detection of Ciguatoxins Using an Electrochemical Biosensor. <i>Analytical Chemistry</i> , 2020, 92, 4858-4865.	3.2	23
24	Quinolones control in milk and eggs samples by liquid chromatography using a surfactant-mediated mobile phase. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 1303-1313.	1.9	21
25	Analytical determination of hydroxytyrosol in olive extract samples by micellar liquid chromatography. <i>Food Chemistry</i> , 2011, 129, 614-618.	4.2	20
26	Immunosensor array platforms based on self-assembled dithiols for the electrochemical detection of tetrodotoxins in puffer fish. <i>Analytica Chimica Acta</i> , 2017, 989, 95-103.	2.6	20
27	Multibiomarker biomonitoring approach using three bivalve species in the Ebro Delta (Catalonia,) Tj ETQq1 1 0.784314 rgBT /Overlock 2.7 20	2.7	20
28	Basic Principles of MLC. <i>Chromatography Research International</i> , 2012, 2012, 1-6.	0.4	19
29	Rapid and sensitive determination of nicotine in formulations and biological fluid using micellar liquid chromatography with electrochemical detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 2397-2402.	1.2	18
30	Evaluation of biogenic amines in fish sauce by derivatization with 3,5-dinitrobenzoyl chloride and micellar liquid chromatography. <i>Journal of Food Composition and Analysis</i> , 2013, 29, 32-36.	1.9	18
31	Self-assembled monolayer-based immunoassays for okadaic acid detection in seawater as monitoring tools. <i>Marine Environmental Research</i> , 2018, 133, 6-14.	1.1	18
32	Bioaccessibility of lipophilic and hydrophilic marine biotoxins in seafood: An in vitro digestion approach. <i>Food and Chemical Toxicology</i> , 2019, 129, 153-161.	1.8	18
33	Quantification of Melamine in Drinking Water and Wastewater by Micellar Liquid Chromatography. <i>Journal of AOAC INTERNATIONAL</i> , 2013, 96, 870-874.	0.7	17
34	Validation of a MLC method with fluorescence detection for the determination of quinolones in urine samples by direct injection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 3975-3981.	1.2	16
35	Micellar Liquid Chromatographic Determination of Carbaryl and 1-Naphthol in Water, Soil, and Vegetables. <i>International Journal of Analytical Chemistry</i> , 2012, 2012, 1-7.	0.4	15
36	Rapid screening and multi-toxin profile confirmation of tetrodotoxins and analogues in human body fluids derived from a puffer fish poisoning incident in New Caledonia. <i>Food and Chemical Toxicology</i> , 2018, 112, 188-193.	1.8	14

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37	Monitoring of HAART regime antiretrovirals in serum of acquired immunodeficiency syndrome patients by micellar liquid chromatography. <i>Analyst, The</i> , 2012, 137, 4327.	1.7	13
38	SIMULTANEOUS SEPARATION AND DETERMINATION OF QUINOLONES IN PHARMACEUTICALS BY MICELLAR LIQUID CHROMATOGRAPHY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2010, 33, 513-525.	0.5	12
39	Coupling gas chromatography and electronic nose detection for detailed cigarette smoke aroma characterization. <i>Journal of Chromatography A</i> , 2014, 1365, 191-203.	1.8	12
40	A fast magnetic bead-based colorimetric immunoassay for the detection of tetrodotoxins in shellfish. <i>Food and Chemical Toxicology</i> , 2020, 140, 111315.	1.8	12
41	Occurrence of Tetrodotoxin in Bivalves and Gastropods from Harvesting Areas and Other Natural Spaces in Spain. <i>Toxins</i> , 2019, 11, 331.	1.5	11
42	Development and validation of a method to determine amoxicillin in physiological fluids using micellar liquid chromatography. <i>Journal of Separation Science</i> , 2008, 31, 2813-2819.	1.3	9
43	Validation of micellar LC-based methods applied to analyze foodstuffs. <i>Bioanalysis</i> , 2013, 5, 481-494.	0.6	9
44	Direct Injection of Plasma Samples and Micellar Chromatography of Procainamide and Its Metabolite N-Acetylprocainamide. <i>Chromatographia</i> , 2010, 71, 273-277.	0.7	8
45	Development and Validation of Micellar Liquid Chromatographic Methods for the Determination of Antibiotics in Different Matrixes. <i>Journal of AOAC INTERNATIONAL</i> , 2011, 94, 775-785.	0.7	8
46	Detoxification of paralytic shellfish poisoning toxins in naturally contaminated mussels, clams and scallops by an industrial procedure. <i>Food and Chemical Toxicology</i> , 2020, 141, 111386.	1.8	8
47	Monitoring Disopyramide, Lidocaine, and Quinidine by Micellar Liquid Chromatography. <i>Journal of AOAC INTERNATIONAL</i> , 2011, 94, 537-542.	0.7	7
48	Optimization of a high-resolution radical scavenging assay coupled online to reversed-phase liquid chromatography for antioxidant detection in complex natural extracts. <i>Journal of Separation Science</i> , 2015, 38, 724-731.	1.3	7
49	A MICELLAR LIQUID CHROMATOGRAPHIC METHOD FOR THE DETERMINATION OF CARBARYL AND 1-NAPHTHOL IN BIOLOGICAL SAMPLES. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012, 35, 355-361.	0.5	6
50	The wide spectrum of methods available to study marine neurotoxins. <i>Advances in Neurotoxicology</i> , 2021, 6, 275-315.	0.7	6
51	Identification of New CTX Analogues in Fish from the Madeira and Selvagens Archipelagos by Neuro-2a CBA and LC-HRMS. <i>Marine Drugs</i> , 2022, 20, 236.	2.2	6
52	Micellar Liquid Chromatography: Recent Advances and Applications. <i>Chromatography Research International</i> , 2012, 2012, 1-2.	0.4	5
53	Column Classification and Selection for the Determination of Antibiotics by Micellar Liquid Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2009, 32, 1127-1140.	0.5	4
54	Micellar Liquid Chromatography Determination of Spermine in Fish Sauce after Derivatization with 3,5-Dinitrobenzoyl Chloride. <i>Chromatography Research International</i> , 2012, 2012, 1-6.	0.4	4

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55	Xanthine Derivatives Quantification in Serum by Capillary Zone Electrophoresis. <i>Journal of Chromatographic Science</i> , 2014, 52, 1121-1126.	0.7	4
56	Marine Toxins Analysis for Consumer Protection. <i>Comprehensive Analytical Chemistry</i> , 2017, 78, 343-378.	0.7	3
57	Cyclodextrin polymers as passive sampling materials for lipophilic marine toxins in <i>Prorocentrum lima</i> cultures and a <i>Dinophysis sacculus</i> bloom in the NW Mediterranean Sea. <i>Chemosphere</i> , 2021, 285, 131464.	4.2	3
58	Retention Behaviour in Micellar Liquid Chromatography. <i>Chromatography Research International</i> , 2012, 2012, 1-5.	0.4	0