Encarnacion Rodriguez-Gonzalo

List of Publications by Year
in descending order

84 papers	3,132 citations	136740 32 h-index	161609 54 g-index
85 all docs	85 docs citations	85 times ranked	3132 citing authors

#	Article	IF	Citations
1	Simple method for the determination of anthelmintic drugs in milk intended for human consumption using liquid chromatographyâ€“tandem mass spectrometry. Journal of the Science of Food and Agriculture, 2022, 102, 322-329.	1.7	7
2	Rapid and reliable analysis of underivatized amino acids in urine using tandem mass spectrometry. Microchemical Journal, 2022, 172, 106914.	2.3	5
3	Evaluation of the selectivity of molecularly imprinted polymer cartridges for nitroimidazoles. Application to the simultaneous extraction of nitroimidazoles and benzimidazoles from samples of animal origin. Microchemical Journal, 2022, 172, 107000.	2.3	4
4	Maf/ham1-like pyrophosphatases of non-canonical nucleotides are host-specific partners of viral RNA-dependent RNA polymerases. PLoS Pathogens, 2022, 18, e1010332.	2.1	7
5	LC-HRMS based on mixed-mode chromatography for the separation of teicoplanin and the unravelment of its composition. Journal of Pharmaceutical and Biomedical Analysis, 2020, 186, 113308.	1.4	2
6	Development of a fast and reliable methodology for the determination of polyamines in urine by using a guard column as a low-resolution fractioning step prior to mass spectrometry. Comparison with flow injection-mass spectrometry analysis. Microchemical Journal, 2020, 158, 105223.	2.3	6
7	Determination of leucine and isoleucine/allo-isoleucine by electrospray ionization-tandem mass spectrometry and partial least square regression: Application to saliva samples. Talanta, 2020, 216, 120811.	2.9	6
8	Development of a screening and confirmatory method for the analysis of polar endogenous compounds in saliva based on a liquid chromatographic-tandem mass spectrometric system. Journal of Chromatography A, 2019, 1590, 88-95.	1.8	11
9	Analysis of Isoflavones in Foods. Comprehensive Reviews in Food Science and Food Safety, 2018, 17, 391-411.	5.9	50
10	Hydrophilic Interaction Chromatography: Current Trends and Applications. , 2018, , 100-100.		0
11	Capillary electrophoresis coupled to mass spectrometry employing hexafluoro-2-propanol for the determination of nucleosides and nucleotide mono-, di- and tri-phosphates in baby foods. Food Chemistry, 2017, 233, 38-44.	4.2	13
12	Determination of nucleosides and nucleotides in food samples by using liquid chromatography and capillary electrophoresis. TrAC - Trends in Analytical Chemistry, 2017, 92, 12-31.	5.8	36
13	Anthelmintic Benzimidazoles in Eggs. , 2017, , 465-474.		2
14	Rapid determination of nucleotides in infant formula by means of nanoâ€liquid chromatography. Electrophoresis, 2016, 37, 1873-1880.	1.3	12
15	Determination of nucleosides and nucleotides in baby foods by hydrophilic interaction chromatography coupled to tandem mass spectrometry in the presence of hydrophilic ion-pairing reagents. Food Chemistry, 2016, 211, 827-835.	4.2	20
16	Development, validation and application of a fast analytical methodology for the simultaneous determination of DNA- and RNA-derived urinary nucleosides by liquid chromatography coupled to tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1019, 132-139.	1.2	17
17	Design and development of a twoâ€dimensional system based on hydrophilic and reversedâ€phase liquid chromatography with onâ€line sample treatment for the simultaneous separation of excreted xenobiotics and endogenous metabolites in urine. Biomedical Chromatography, 2015, 29, 1190-1196.	0.8	6
18	Efficiency of a molecularly imprinted polymer for selective removal of phenols and phenoxyacids from contaminated waters. International Journal of Environmental Science and Technology, 2015, 12, 3079-3088.	1.8	7

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19	Adenosine monophosphate is elevated in the bronchoalveolar lavage fluid of mice with acute respiratory toxicity induced by nanoparticles with high surface hydrophobicity. Nanotoxicology, 2015, 9, 106-115.	1.6	16
20	Hydrophilic interaction chromatography coupled to tandem mass spectrometry in the presence of hydrophilic ion-pairing reagents for the separation of nucleosides and nucleotide mono-, di- and triphosphates. Journal of Chromatography A, 2015, 1414, 129-137.	1.8	34
21	Analysis of free nucleotide monophosphates in human milk and effect of pasteurisation or high-pressure processing on their contents by capillary electrophoresis coupled to mass spectrometry. Food Chemistry, 2015, 174, 348-355.	4.2	28
22	A validated method for the determination of nucleotides in infant formulas by capillary electrophoresis coupled to mass spectrometry. Electrophoresis, 2014, 35, 1677-1684.	1.3	19
23	Development of a procedure for the isolation and enrichment of modified nucleosides and nucleobases from urine prior to their determination by capillary electrophoresisâ€“mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2014, 88, 489-496.	1.4	14
24	Occurrence of phenols and phenoxyacid herbicides in environmental waters using an imprinted polymer as a selective sorbent. Science of the Total Environment, 2013, 454-455, 299-306.	3.9	21
25	Capillary electrophoresisâ€“mass spectrometry for direct determination of urinary modified nucleosides. Evaluation of synthetic urine as a surrogate matrix for quantitative analysis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 942-943, 21-30.	1.2	24
26	Capillary electrophoresis coupled to mass spectrometry for the determination of anthelmintic benzimidazoles in eggs using a QuEChERS with preconcentration as sample treatment. Journal of Chromatography A, 2013, 1278, 166-174.	1.8	70
27	Stationary phases for separation of nucleosides and nucleotides by hydrophilic interaction liquid chromatography. TrAC - Trends in Analytical Chemistry, 2013, 47, 111-128.	5.8	77
28	Evaluation of the Electrostatic Contribution to the Retention of Modified Nucleosides and Nucleobases by Zwitterionic Hydrophilic Interaction Chromatography. , 2012, 2012, 1-5.		1
29	Programed nebulizingâ€gas pressure mode for quantitative capillary electrophoresisâ€mass spectrometry analysis of endocrine disruptors in honey. Electrophoresis, 2012, 33, 2374-2381.	1.3	14
30	A fast and reliable method for the quantitative determination of benzimidazoles and metabolites in milk by LC-MS/MS with on-line sample treatment. Analytical and Bioanalytical Chemistry, 2012, 404, 2909-2914.	1.9	21
31	Programmed Nebulizing Gas Pressure for Efficient and Stable Capillary Electrophoresisâ^'Mass Spectrometry Analysis of Anionic Compounds in Positive Separation Mode. Analytical Chemistry, 2011, 83, 2834-2839.	3.2	11
32	Behavior of Phenols and Phenoxyacids on a Bisphenol-A Imprinted Polymer. Application for Selective Solid-Phase Extraction from Water and Urine Samples. International Journal of Molecular Sciences, 2011, 12, 3322-3339.	1.8	28
33	Development and validation of a hydrophilic interaction chromatographyâ€“tandem mass spectrometry method with on-line polar extraction for the analysis of urinary nucleosides. Potential application in clinical diagnosis. Journal of Chromatography A, 2011, 1218, 9055-9063.	1.8	54
34	Study of retention behaviour and mass spectrometry compatibility in zwitterionic hydrophilic interaction chromatography for the separation of modified nucleosides and nucleobases. Journal of Chromatography A, 2011, 1218, 3994-4001.	1.8	29
35	A confirmatory method for the determination of phenolic endocrine disruptors in honey using restricted-access materialâ€“liquid chromatographyâ€“tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2010, 398, 1239-1247.	1.9	21
36	Determination of endocrine disruptors in honey by CZEâ€MS using restricted access materials for matrix cleanup. Electrophoresis, 2010, 31, 2279-2288.	1.3	23

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37	Automated sample treatment with the injection of large sample volumes for the determination of contaminants and metabolites in urine. Journal of Separation Science, 2010, 33, 2240-2249.	1.3	9
38	Development and validation of a method for the detection and confirmation of biomarkers of exposure in human urine by means of restricted access material-liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2010, 1217, 40-48.	1.8	15
39	Inâ€capillary microextraction using monolithic polymers: Application to preconcentration of carbamate pesticides prior to their separation by MEKC. Electrophoresis, 2009, 30, 1913-1922.	1.3	25
40	Ultrasonic solvent extraction and nonaqueous CE for the determination of herbicide residues in potatoes. Journal of Separation Science, 2009, 32, 575-584.	1.3	20
41	Use of a bisphenol-A imprinted polymer as a selective sorbent for the determination of phenols and phenoxyacids in honey by liquid chromatography with diode array and tandem mass spectrometric detection. Analytica Chimica Acta, 2009, 650, 195-201.	2.6	66
42	Inâ€capillary preconcentration of pirimicarb and carbendazim with a monolithic polymeric sorbent prior to separation by CZE. Electrophoresis, 2008, 29, 4066-4077.	1.3	22
43	Sensitive determination of herbicides in food samples by nonaqueous CE using pressurized liquid extraction. Electrophoresis, 2007, 28, 3606-3616.	1.3	46
44	Development of a chemometric correlation technique to estimate acidâ€“base descriptors for cationic acids in non-aqueous media. Analytica Chimica Acta, 2007, 584, 410-418.	2.6	7
45	Behaviour of triazine herbicides and their hydroxylated and dealkylated metabolites on a propazine-imprinted polymer. Analytica Chimica Acta, 2006, 559, 186-194.	2.6	40
46	Comparison of a non-aqueous capillary electrophoresis method with high performance liquid chromatography for the determination of herbicides and metabolites in water samples. Journal of Chromatography A, 2006, 1122, 194-201.	1.8	39
47	Determination of endocrine-disrupting compounds in cereals by pressurized liquid extraction and liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2006, 1137, 207-215.	1.8	61
48	Ion-pair association and acidâ€“base equilibria in nonaqueous capillary electrophoresis of weakly basic compounds. Electrophoresis, 2006, 27, 423-432.	1.3	9
49	Use of a polar-embedded stationary phase for the separation of tocopherols by CEC. Electrophoresis, 2006, 27, 4423-4430.	1.3	15
50	Determination of triazines and dealkylated and hydroxylated metabolites in river water using a propazine-imprinted polymer. Journal of Chromatography A, 2005, 1085, 199-206.	1.8	41
51	Pressurized liquid extraction in the analysis of food and biological samples. Journal of Chromatography A, 2005, 1089, 1-17.	1.8	339
52	Behaviour of carbamate pesticides in gas chromatography and their determination with solid-phase extraction and solid-phase microextraction as preconcentration steps. Journal of Separation Science, 2005, 28, 2130-2138.	1.3	49
53	Development and characterisation of a molecularly imprinted polymer prepared by precipitation polymerisation for the determination of phenylurea herbicides. Journal of Separation Science, 2005, 28, 453-461.	1.3	31
54	Determination of weakly acidic endocrine-disrupting compounds by liquid chromatographyâ€“mass spectrometry with post-column base addition. Journal of Chromatography A, 2004, 1056, 131-138.	1.8	37

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55	Simultaneous determination of phenyl- and sulfonylurea herbicides in water by solid-phase extraction and liquid chromatography with UV diode array or mass spectrometric detection. Analytica Chimica Acta, 2004, 517, 71-79.	2.6	113
56	Solid-phase extraction and sample stackingâ€“micellar electrokinetic capillary chromatography for the determination of multiresidues of herbicides and metabolites. Journal of Chromatography A, 2003, 990, 291-302.	1.8	44
57	Determination of herbicides, including thermally labile phenylureas, by solid-phase microextraction and gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2003, 1002, 1-12.	1.8	48
58	Prediction of the behaviour of organic pollutants using cloudpoint extraction. Journal of Chromatography A, 2003, 1005, 23-34.	1.8	33
59	Evolution over time of the agricultural pollution of waters in an area of Salamanca and Zamora (Spain). Water Research, 2003, 37, 928-938.	5.3	96
60	Comparative study of separation and determination of triazines by micellar electrokinetic capillary chromatography and nonaqueous capillary electrophoresis: Application to residue analysis in natural waters. Electrophoresis, 2002, 23, 494.	1.3	17
61	Determination of herbicides and metabolites by solid-phase extraction and liquid chromatography. Journal of Chromatography A, 2002, 950, 157-166.	1.8	92
62	Extraction of pesticides by membrane separation. Transfer prediction by linear discriminant analysis and soft independent modelling of class analogy. Journal of Separation Science, 2001, 24, 577-586.	1.3	6
63	Analytical applications of membrane extraction in chromatography and electrophoresis. Journal of Chromatography A, 2000, 902, 195-204.	1.8	62
64	Surfactant cloud point extraction and preconcentration of organic compounds prior to chromatography and capillary electrophoresis. Journal of Chromatography A, 2000, 902, 251-265.	1.8	370
65	Evaluation of surface- and ground-water pollution due to herbicides in agricultural areas of Zamora and Salamanca (Spain). Journal of Chromatography A, 2000, 869, 471-480.	1.8	79
66	Analysis of pesticide residues in matrices with high lipid contents by membrane separation coupled on-line to a high-performance liquid chromatography system. Journal of Chromatography A, 2000, 869, 427-439.	1.8	54
67	Determination of triazine herbicides in natural waters by solid-phase extraction and non-aqueous capillary zone electrophoresis. Journal of Chromatography A, 2000, 869, 451-461.	1.8	58
68	Cloud Point Extraction as a Preconcentration Step Prior to Capillary Electrophoresis. Analytical Chemistry, 1999, 71, 2468-2474.	3.2	89
69	Electroreduction of the fungicides Folpet, Captan and Captafol on mercury electrodes. Journal of Electroanalytical Chemistry, 1998, 456, 193-202.	1.9	4
70	Capillary Zone Electrophoresis in Nonaqueous Solvents in the Presence of Ionic Additives. Analytical Chemistry, 1997, 69, 4437-4444.	3.2	42
71	Determination of triazines in surface waters by membrane separation coupled on-line to a flow-injection system and partial least squares regression. Analytica Chimica Acta, 1996, 321, 147-155.	2.6	19
72	Determination of triazine herbicides in water by micellar electrokinetic capillary chromatography. Journal of Chromatography A, 1996, 733, 349-360.	1.8	48

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73	Determination of the fungicides folpet, captan and captafol by cloud-point preconcentration and high-performance liquid chromatography with electrochemical detection. Journal of Chromatography A, 1996, 754, 85-96.	1.8	41
74	Membrane extraction-preconcentration cell coupled on-line to flow-injection and liquid chromatographic systems. Determination of triazines in oils. Analytica Chimica Acta, 1995, 304, 323-332.	2.6	46
75	Trace metal atomic absorption spectrometric analysis utilizing sorbent extraction on polymeric-based supports and renewable reagents. Analyst, The, 1994, 119, 1459-1465.	1.7	35
76	Automated high-performance liquid chromatographic method for the determination of organophosphorus pesticides in waters with dual electrochemical (reductiveâ€"oxidative) detection. Journal of Chromatography A, 1993, 644, 49-58.	1.8	29
77	Adsorption of parathion and paraoxon by modified montmorillonites. Toxicological and Environmental Chemistry, 1993, 37, 157-163.	0.6	9
78	Sensitive method for the determination of organophosphorus pesticides in fruits and surface waters by high-performance liquid chromatography with ultraviolet detection. Journal of Chromatography A, 1992, 607, 37-45.	1.8	73
79	Spectrophotometric approaches to the determination of water in acetone by flow injection analysis. Analyst, The, 1991, 116, 1043-1049.	1.7	5
80	Determination of acephate by liquid chromatography in the presence of aqueous soil extracts. Journal of Chromatography A, 1991, 585, 324-328.	1.8	11
81	Determination of parathion in the presence of paraoxon and p -nitrophenol by flow-injection analysis with amperometric detection. Analytica Chimica Acta, 1990, 228, 317-321.	2.6	2
82	Analytical and mechanistic aspects of the polarographic reduction of the herbicide pyrazon. Electroanalysis, 1990, 2, 389-395.	1.5	6
83	Determination of the pesticide guthion by flow-injection analysis with amperometric detection. Electroanalysis, 1990, 2, 487-491.	1.5	1
84	Electroanalytical study of the pesticide guthion. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1988, 244, 221-233.	0.3	12