

Diego GarcÃ-a-GÃ³mez

List of Publications by Year in descending order

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50
papers

1,420
citations

304368

22
h-index

344852

36
g-index

51
all docs

51
docs citations

51
times ranked

2092
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring polar hydrophobicity in organized media for extracting oligopeptides: application to the extraction of opiorphin in human saliva. <i>Journal of Chromatography A</i> , 2021, 1635, 461777.	1.8	10
2	Personalised therapeutic management of epileptic patients guided by pathway-driven breath metabolomics. <i>Communications Medicine</i> , 2021, 1, .	1.9	16
3	Real-time pharmacokinetics via online analysis of exhaled breath. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 205, 114311.	1.4	6
4	LC-HRMS based on mixed-mode chromatography for the separation of teicoplanin and the unravelment of its composition. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 186, 113308.	1.4	2
5	A new sample treatment strategy based on simultaneous supramolecular solvent and dispersive solid-phase extraction for the determination of ionophore coccidiostats in all legislated foodstuffs. <i>Food Chemistry</i> , 2020, 326, 126987.	4.2	17
6	A high thermally stable oligomer-based supramolecular solvent for universal headspace Gas Chromatography: Proof-of-principle determination of residual solvents in drugs. <i>Analytica Chimica Acta</i> , 2019, 1046, 132-139.	2.6	17
7	Multifunctional green supramolecular solvents for cost-effective production of highly stable astaxanthin-rich formulations from <i>Haematococcus pluvialis</i> . <i>Food Chemistry</i> , 2019, 279, 294-302.	4.2	43
8	Restricted Access Volatile Supramolecular Solvents for Single-Step Extraction/Cleanup of Benzimidazole Anthelmintic Drugs in Milk Prior to LC-MS/MS. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 520-530.	2.4	14
9	SUPRAS extraction approach for matrix-independent determination of amphetamine-type stimulants by LC-MS/MS. <i>Talanta</i> , 2018, 182, 574-582.	2.9	46
10	Real-time mass spectrometric identification of metabolites characteristic of chronic obstructive pulmonary disease in exhaled breath. <i>Clinical Mass Spectrometry</i> , 2018, 7, 29-35.	1.9	46
11	Real-time exhaled breath analysis in patients with cystic fibrosis and controls. <i>Journal of Breath Research</i> , 2018, 12, 036013.	1.5	21
12	Hydrophilic Interaction Chromatography: Current Trends and Applications. , 2018, , 100-100.		0
13	Determination of nucleosides and nucleotides in food samples by using liquid chromatography and capillary electrophoresis. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 92, 12-31.	5.8	36
14	Rapid fingerprinting of grape volatile composition using secondary electrospray ionization orbitrap mass spectrometry: A preliminary study of grape ripening. <i>Food Control</i> , 2017, 81, 107-112.	2.8	14
15	P205 Real-time exhaled breath analysis identifies altered metabolic signature in cystic fibrosis. <i>Chest</i> , 2017, 151, A104.	0.4	1
16	Multicore Magnetic Nanoparticles Coated with Oligomeric Micelles: Characterization and Potential for the Extraction of Contaminants over a Wide Polarity Range. <i>Analytical Chemistry</i> , 2017, 89, 1353-1361.	3.2	12
17	Comprehensive Real-Time Analysis of the Yeast Volatilome. <i>Scientific Reports</i> , 2017, 7, 14236.	1.6	34
18	Anthelmintic Benzimidazoles in Eggs. , 2017, , 465-474.		2

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19	Real Time Read-Out of Plant Metabolism. <i>Chimia</i> , 2016, 70, 660-660.	0.3	0
20	Expanding metabolite coverage of real-time breath analysis by coupling a universal secondary electrospray ionization source and high resolution mass spectrometry—a pilot study on tobacco smokers. <i>Journal of Breath Research</i> , 2016, 10, 016010.	1.5	58
21	Real-Time Chemical Analysis of Cigarette Aerosols By Means Of Secondary Electrospray Ionization Mass Spectrometry. <i>Chemistry - A European Journal</i> , 2016, 22, 2452-2457.	1.7	24
22	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. <i>Food Chemistry</i> , 2016, 211, 827-835.	4.2	20
23	Real-Time Quantification of Amino Acids in the Exhalome by Secondary Electrospray Ionization—Mass Spectrometry: A Proof-of-Principle Study. <i>Clinical Chemistry</i> , 2016, 62, 1230-1237.	1.5	36
24	Secondary electrospray ionization coupled to high-resolution mass spectrometry reveals tryptophan pathway metabolites in exhaled human breath. <i>Chemical Communications</i> , 2016, 52, 8526-8528.	2.2	25
25	Capturing in Vivo Plant Metabolism by Real-Time Analysis of Low to High Molecular Weight Volatiles. <i>Analytical Chemistry</i> , 2016, 88, 2406-2412.	3.2	25
26	Effects of CPAP therapy withdrawal on exhaled breath pattern in obstructive sleep apnoea. <i>Thorax</i> , 2016, 71, 110-117.	2.7	51
27	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1019, 132-139.	1.2	17
28	Real-time determination of slightly volatile amino acids in the exhalome by secondary electrospray ionization. A proof-of-principle study. , 2016, , .		0
29	Differentiation of oral bacteria in in vitro cultures and human saliva by secondary electrospray ionization — mass spectrometry. <i>Scientific Reports</i> , 2015, 5, 15163.	1.6	28
30	Design and development of a two-dimensional system based on hydrophilic and reversed-phase liquid chromatography with on-line sample treatment for the simultaneous separation of excreted xenobiotics and endogenous metabolites in urine. <i>Biomedical Chromatography</i> , 2015, 29, 1190-1196.	0.8	6
31	Real-Time High-Resolution Tandem Mass Spectrometry Identifies Furan Derivatives in Exhaled Breath. <i>Analytical Chemistry</i> , 2015, 87, 6919-6924.	3.2	19
32	Identification of 2-Alkenals, 4-Hydroxy-2-alkenals, and 4-Hydroxy-2,6-alkadienals in Exhaled Breath Condensate by UHPLC-HRMS and in Breath by Real-Time HRMS. <i>Analytical Chemistry</i> , 2015, 87, 3087-3093.	3.2	49
33	Detection and Quantification of Benzothiazoles in Exhaled Breath and Exhaled Breath Condensate by Real-Time Secondary Electrospray Ionization—High-Resolution Mass Spectrometry and Ultra-High Performance Liquid Chromatography. <i>Environmental Science & Technology</i> , 2015, 49, 12519-12524.	4.6	30
34	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. <i>Journal of Chromatography A</i> , 2015, 1414, 129-137.	1.8	34
35	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. <i>Food Chemistry</i> , 2015, 174, 348-355.	4.2	28
36	The effect of CPAP withdrawal on exhaled breath in OSA — A randomised controlled trial. , 2015, , .		0

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37	Evidence of altered phosphatidylcholine metabolism in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2014, 35, 271-278.	1.5	256
38	A validated method for the determination of nucleotides in infant formulas by capillary electrophoresis coupled to mass spectrometry. <i>Electrophoresis</i> , 2014, 35, 1677-1684.	1.3	19
39	Development of a procedure for the isolation and enrichment of modified nucleosides and nucleobases from urine prior to their determination by capillary electrophoresis-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 88, 489-496.	1.4	14
40	Capillary electrophoresis-mass spectrometry for direct determination of urinary modified nucleosides. Evaluation of synthetic urine as a surrogate matrix for quantitative analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 942-943, 21-30.	1.2	24
41	Capillary electrophoresis coupled to mass spectrometry for the determination of anthelmintic benzimidazoles in eggs using a QuEChERS with preconcentration as sample treatment. <i>Journal of Chromatography A</i> , 2013, 1278, 166-174.	1.8	70
42	Stationary phases for separation of nucleosides and nucleotides by hydrophilic interaction liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 47, 111-128.	5.8	77
43	Evaluation of the Electrostatic Contribution to the Retention of Modified Nucleosides and Nucleobases by Zwitterionic Hydrophilic Interaction Chromatography. , 2012, 2012, 1-5.		1
44	A fast and reliable method for the quantitative determination of benzimidazoles and metabolites in milk by LC-MS/MS with on-line sample treatment. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 2909-2914.	1.9	21
45	Development and validation of a hydrophilic interaction chromatography-tandem mass spectrometry method with on-line polar extraction for the analysis of urinary nucleosides. Potential application in clinical diagnosis. <i>Journal of Chromatography A</i> , 2011, 1218, 9055-9063.	1.8	54
46	Study of retention behaviour and mass spectrometry compatibility in zwitterionic hydrophilic interaction chromatography for the separation of modified nucleosides and nucleobases. <i>Journal of Chromatography A</i> , 2011, 1218, 3994-4001.	1.8	29
47	A confirmatory method for the determination of phenolic endocrine disruptors in honey using restricted-access material-liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 1239-1247.	1.9	21
48	Determination of endocrine disruptors in honey by CE-MS using restricted access materials for matrix cleanup. <i>Electrophoresis</i> , 2010, 31, 2279-2288.	1.3	23
49	Automated sample treatment with the injection of large sample volumes for the determination of contaminants and metabolites in urine. <i>Journal of Separation Science</i> , 2010, 33, 2240-2249.	1.3	9
50	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 chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 40-48.	1.8	15