

Mónica Calderín-Santiago

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,038
citations

331670

21
h-index

454955

30
g-index

47
all docs

47
docs citations

47
times ranked

1910
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic patterns in the lipoxygenase pathway associated to fruitiness attributes of extra virgin olive oil. <i>Journal of Food Composition and Analysis</i> , 2022, 109, 104478.	3.9	5
2	Lyophilization as pre-processing for sample storage in the determination of vitamin D3 and metabolites in serum and plasma. <i>Talanta</i> , 2021, 222, 121692.	5.5	5
3	Vitamin D3 levels in women and factors contributing to explain metabolic variations. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 211, 105884.	2.5	3
4	Dry sweat as sample for metabolomics analysis. <i>Talanta</i> , 2020, 208, 120428.	5.5	21
5	Development of a qualitative/quantitative strategy for comprehensive determination of polar lipids by LC-MS/MS in human plasma. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 489-498.	3.7	10
6	Optimization of a MALDI-Imaging protocol for studying adipose tissue-associated disorders. <i>Talanta</i> , 2020, 219, 121184.	5.5	11
7	Profiling analysis of phospholipid fatty acids in serum as a complement to the comprehensive fatty acids method. <i>Journal of Chromatography A</i> , 2020, 1619, 460965.	3.7	7
8	Determination of glycerophospholipids in vegetable edible oils: Proof of concept to discriminate olive oil categories. <i>Food Chemistry</i> , 2019, 299, 125136.	8.2	16
9	Comprehensive analysis of pig feces metabolome by chromatographic techniques coupled to mass spectrometry in high resolution mode: Influence of sample preparation on the identification coverage. <i>Talanta</i> , 2019, 199, 303-309.	5.5	7
10	Evaluation of short-term storage prior to analysis of vitamin D3 and metabolites in human serum by liquid chromatography coupled to tandem mass spectrometry. <i>Talanta</i> , 2019, 198, 344-349.	5.5	10
11	Study of sample preparation for determination of endocannabinoids and analogous compounds in human serum by LC-MS/MS in MRM mode. <i>Talanta</i> , 2018, 185, 602-610.	5.5	33
12	Metabolomics analysis of human sweat collected after moderate exercise. <i>Talanta</i> , 2018, 177, 47-65.	5.5	46
13	Influence of sample preparation on lipidomics analysis of polar lipids in adipose tissue. <i>Talanta</i> , 2018, 177, 86-93.	5.5	32
14	Metabolomic profiling of human lung tumor tissues - nucleotide metabolism as a candidate for therapeutic interventions and biomarkers. <i>Molecular Oncology</i> , 2018, 12, 1778-1796.	4.6	42
15	Multi-omic profiling to assess the effect of iron starvation in <i>Streptococcus pneumoniae</i> TIGR4. <i>PeerJ</i> , 2018, 6, e4966.	2.0	6
16	Exhaled breath condensate to discriminate individuals with different smoking habits by GC-TOF/MS. <i>Scientific Reports</i> , 2017, 7, 1421.	3.3	18
17	Integrated proteomic and metabolomic analysis reveals that rhodomyrton reduces the capsule in <i>Streptococcus pneumoniae</i> . <i>Scientific Reports</i> , 2017, 7, 2715.	3.3	22
18	MetaboQC: A tool for correcting untargeted metabolomics data with mass spectrometry detection using quality controls. <i>Talanta</i> , 2017, 174, 29-37.	5.5	23

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19	Untargeted analysis to monitor metabolic changes of garlic along heat treatment by LC-QTOF MS/MS. <i>Electrophoresis</i> , 2017, 38, 2349-2360.	2.4	14
20	Prostate Cancer Patients' Negative Biopsy Controls Discrimination by Untargeted Metabolomics Analysis of Urine by LC-QTOF: Upstream Information on Other Omics. <i>Scientific Reports</i> , 2016, 6, 38243.	3.3	29
21	Confirmatory and quantitative analysis of fatty acid esters of hydroxy fatty acids in serum by solid phase extraction coupled to liquid chromatography tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2016, 943, 82-88.	5.4	13
22	Recent advances in human sweat metabolomics for lung cancer screening. <i>Metabolomics</i> , 2016, 12, 1.	3.0	25
23	Identification of metabolomics panels for potential lung cancer screening by analysis of exhaled breath condensate. <i>Journal of Breath Research</i> , 2016, 10, 026002.	3.0	33
24	Metabolomics analysis of exhaled breath condensate for discrimination between lung cancer patients and risk factor individuals. <i>Journal of Breath Research</i> , 2016, 10, 016011.	3.0	23
25	MSCombine: a tool for merging untargeted metabolomic data from high-resolution mass spectrometry in the positive and negative ionization modes. <i>Metabolomics</i> , 2016, 12, 1.	3.0	25
26	Development of a method for enhancing metabolomics coverage of human sweat by gas chromatography-mass spectrometry in high resolution mode. <i>Analytica Chimica Acta</i> , 2016, 905, 115-125.	5.4	39
27	Influence of the collection tube on metabolomic changes in serum and plasma. <i>Talanta</i> , 2016, 150, 681-689.	5.5	42
28	Study of sample preparation for quantitative analysis of amino acids in human sweat by liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2016, 146, 310-317.	5.5	44
29	Enhancing detection coverage in untargeted metabolomics analysis by solid-phase extraction on-line coupled to LC-MS/MS. <i>Electrophoresis</i> , 2015, 36, 2179-2187.	2.4	9
30	Human sweat metabolomics for lung cancer screening. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 5381-5392.	3.7	90
31	Use of <i>Lactobacillus</i> spp to Degrade Pesticides in Milk. , 2015, , 207-213.		1
32	Determination of Fatty Acids and Stable Carbon Isotopic Ratio in Subcutaneous Fat to Identify the Feeding Regime of Iberian Pigs. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 692-699.	5.2	8
33	Influence of genotype on the fatty acids composition of virgin olive oils from advanced selections obtained by crosses between Arbequina, Picual, and Frantoio cultivars along the ripening process. <i>European Journal of Lipid Science and Technology</i> , 2015, 117, 1261-1270.	1.5	2
34	Development of a method for metabolomic analysis of human exhaled breath condensate by gas chromatography-mass spectrometry in high resolution mode. <i>Analytica Chimica Acta</i> , 2015, 887, 118-126.	5.4	32
35	Study of exhaled breath condensate sample preparation for metabolomics analysis by LC-MS/MS in high resolution mode. <i>Talanta</i> , 2015, 144, 1360-1369.	5.5	34
36	Optimization study for metabolomics analysis of human sweat by liquid chromatography-tandem mass spectrometry in high resolution mode. <i>Journal of Chromatography A</i> , 2014, 1333, 70-78.	3.7	63

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37	Analysis of serum phospholipid profiles by liquid chromatography-tandem mass spectrometry in high resolution mode for evaluation of atherosclerotic patients. <i>Journal of Chromatography A</i> , 2014, 1371, 154-162.	3.7	23
38	Enhanced Detection and Identification in Metabolomics by Use of LC-MS/MS Untargeted Analysis in Combination with Gas-Phase Fractionation. <i>Analytical Chemistry</i> , 2014, 86, 7558-7565.	6.5	39
39	Quantitative determination and confirmatory analysis of N-acetylneuraminic and N-glycolylneuraminic acids in serum and urine by solid-phase extraction on-line coupled to liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1346, 88-96.	3.7	18
40	High-resolution mass spectrometry to evaluate the influence of crossbreeding segregating populations on the phenolic profile of virgin olive oils. <i>Journal of the Science of Food and Agriculture</i> , 2014, 94, 3100-3109.	3.5	15
41	Method based on GC-MS to study the influence of tricarboxylic acid cycle metabolites on cardiovascular risk factors. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 74, 178-185.	2.8	27
42	Global metabolomic profiling of human serum from obese individuals by liquid chromatography-time-of-flight/mass spectrometry to evaluate the intake of breakfasts prepared with heated edible oils. <i>Food Chemistry</i> , 2013, 141, 1722-1731.	8.2	12
43	Metabolomic discrimination between patients with stable angina, non-ST elevation myocardial infarction, and acute myocardial infarct. <i>Electrophoresis</i> , 2013, 34, 2827-2835.	2.4	0
44	Determination of essential amino acids in human serum by a targeting method based on automated SPE-LC-MS/MS: Discrimination between artherosclerotic patients. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 70, 476-484.	2.8	27
45	Cholesterol oxidation products in milk: Processing formation and determination. <i>European Journal of Lipid Science and Technology</i> , 2012, 114, 687-694.	1.5	18
46	Analytical platform for verification and quantitation of target peptides in human serum: Application to cathelicidin. <i>Analytical Biochemistry</i> , 2011, 415, 39-45.	2.4	10
47	The dual trend in histatins research. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 1011-1018.	11.4	6