

Feliciano Priego-Capote

List of Publications by Year in descending order

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215
papers

7,019
citations

66234

42
h-index

91712

69
g-index

220
all docs

220
docs citations

220
times ranked

9645
citing authors

#	ARTICLE	IF	CITATIONS
1	Soxhlet extraction: Past and present panacea. <i>Journal of Chromatography A</i> , 2010, 1217, 2383-2389.	1.8	500
2	Ultrasound-assisted crystallization (sonocrystallization). <i>Ultrasonics Sonochemistry</i> , 2007, 14, 717-724.	3.8	493
3	Ultrasound-assisted preparation of liquid samples. <i>Talanta</i> , 2007, 72, 321-334.	2.9	138
4	Analytical uses of ultrasound I. Sample preparation. <i>TrAC - Trends in Analytical Chemistry</i> , 2004, 23, 644-653.	5.8	137
5	Metabolomics analysis II. Preparation of biological samples prior to detection. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 120-127.	5.8	133
6	Metabolomics analysis I. Selection of biological samples and practical aspects preceding sample preparation. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 111-119.	5.8	119
7	Monoclonal Behavior of Molecularly Imprinted Polymer Nanoparticles in Capillary Electrochromatography. <i>Analytical Chemistry</i> , 2008, 80, 2881-2887.	3.2	112
8	Human sweat metabolomics for lung cancer screening. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 5381-5392.	1.9	90
9	Quality of olives: A focus on agricultural preharvest factors. <i>Scientia Horticulturae</i> , 2018, 233, 491-509.	1.7	88
10	Identification and determination of fat-soluble vitamins and metabolites in human serum by liquid chromatography/triple quadrupole mass spectrometry with multiple reaction monitoring. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 1745-1754.	0.7	85
11	Comparison of Accelerated Methods for the Extraction of Phenolic Compounds from Different Vine-Shoot Cultivars. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 3051-3060.	2.4	83
12	Ultrasound in analytical chemistry. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 387, 249-257.	1.9	82
13	Fast and selective determination of triterpenic compounds in olive leaves by liquid chromatography-tandem mass spectrometry with multiple reaction monitoring after microwave-assisted extraction. <i>Talanta</i> , 2009, 78, 40-48.	2.9	82
14	Ultrasound-assisted extraction and silylation prior to gas chromatography-mass spectrometry for the characterization of the triterpenic fraction in olive leaves. <i>Journal of Chromatography A</i> , 2007, 1165, 158-165.	1.8	75
15	Gut microbiota steroid sexual dimorphism and its impact on gonadal steroids: influences of obesity and menopausal status. <i>Microbiome</i> , 2020, 8, 136.	4.9	72
16	Qualitative and Quantitative Sugar Profiling in Olive Fruits, Leaves, and Stems by Gas Chromatography-Tandem Mass Spectrometry (GC-MS/MS) after Ultrasound-Assisted Leaching. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 12292-12299.	2.4	71
17	Hydrophilic antioxidants of virgin olive oil. Part 2: Biosynthesis and biotransformation of phenolic compounds in virgin olive oil as affected by agronomic and processing factors. <i>European Journal of Lipid Science and Technology</i> , 2011, 113, 692-707.	1.0	71
18	Ultrasound-assisted digestion: A useful alternative in sample preparation. <i>Journal of Proteomics</i> , 2007, 70, 299-310.	2.4	70

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19	Glycation Isotopic Labeling with ¹³ C-Reducing Sugars for Quantitative Analysis of Glycated Proteins in Human Plasma. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 579-592.	2.5	70
20	Tentative Identification of Phenolic Compounds in Olive Pomace Extracts Using Liquid Chromatography-Tandem Mass Spectrometry with a Quadrupole-Quadrupole-Time-of-Flight Mass Detector. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 11542-11550.	2.4	69
21	Headspace-MS volatile profile of black garlic vs fresh garlic: Evolution along fermentation and behavior under heating. <i>LWT - Food Science and Technology</i> , 2017, 80, 98-105.	2.5	68
22	Ultrasound-assisted levitation: Lab-on-a-drop. <i>TrAC - Trends in Analytical Chemistry</i> , 2006, 25, 856-867.	5.8	67
23	Ultrasound assistance to liquid-liquid extraction: A debatable analytical tool. <i>Analytica Chimica Acta</i> , 2007, 583, 2-9.	2.6	67
24	Fast separation and determination of phenolic compounds by capillary electrophoresis-diode array detection. <i>Journal of Chromatography A</i> , 2004, 1045, 239-246.	1.8	65
25	Determination of the ubiquinol-10 and ubiquinone-10 (coenzyme Q10) in human serum by liquid chromatography tandem mass spectrometry to evaluate the oxidative stress. <i>Journal of Chromatography A</i> , 2007, 1175, 242-248.	1.8	63
26	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.	1.8	63
27	Early <i>Salmonella</i> Typhimurium infection in pigs disrupts Microbiome composition and functionality principally at the ileum mucosa. <i>Scientific Reports</i> , 2018, 8, 7788.	1.6	61
28	Hydrophilic antioxidants of virgin olive oil. Part 1: Hydrophilic phenols: A key factor for virgin olive oil quality. <i>European Journal of Lipid Science and Technology</i> , 2011, 113, 678-691.	1.0	60
29	Glucotoxicity and pancreatic proteomics. <i>Journal of Proteomics</i> , 2009, 71, 576-591.	1.2	59
30	Sequential (step-by-step) detection, identification and quantitation of extra virgin olive oil adulteration by chemometric treatment of chromatographic profiles. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 388, 1859-1865.	1.9	55
31	Cultivar influence on variability in olive oil phenolic profiles determined through an extensive germplasm survey. <i>Food Chemistry</i> , 2018, 266, 192-199.	4.2	53
32	Simultaneous Ultrasound-Assisted Emulsification-Extraction of Polar and Nonpolar Compounds from Solid Plant Samples. <i>Analytical Chemistry</i> , 2007, 79, 6767-6774.	3.2	52
33	Characterization of lemon (<i>Citrus limon</i>) polar extract by liquid chromatography-tandem mass spectrometry in high resolution mode. <i>Journal of Mass Spectrometry</i> , 2015, 50, 1196-1205.	0.7	52
34	The phenolic profile of virgin olive oil is influenced by malaxation conditions and determines the oxidative stability. <i>Food Chemistry</i> , 2020, 314, 126183.	4.2	52
35	Quantitative method for determination of oleocanthal and oleacein in virgin olive oils by liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2017, 162, 24-31.	2.9	51
36	Untargeted characterization of extracts from <i>Cannabis sativa</i> L. cultivars by gas and liquid chromatography coupled to mass spectrometry in high resolution mode. <i>Talanta</i> , 2020, 208, 120384.	2.9	50

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37	Identification and quantification of trans fatty acids in bakery products by gas chromatography–mass spectrometry after focused microwave Soxhlet extraction. <i>Food Chemistry</i> , 2007, 100, 859-867.	4.2	48
38	Identification and quantification of trans fatty acids in bakery products by gas chromatography–mass spectrometry after dynamic ultrasound-assisted extraction. <i>Journal of Chromatography A</i> , 2004, 1045, 203-210.	1.8	47
39	Characterization of monovarietal virgin olive oils by phenols profiling. <i>Talanta</i> , 2015, 132, 424-432.	2.9	47
40	Metabolomics analysis of human sweat collected after moderate exercise. <i>Talanta</i> , 2018, 177, 47-65.	2.9	46
41	Strategies for proteomic analysis of non-enzymatically glycosylated proteins. <i>Mass Spectrometry Reviews</i> , 2009, 28, 135-146.	2.8	45
42	Characterization of Stevia leaves by LC–QTOF MS/MS analysis of polar and non-polar extracts. <i>Food Chemistry</i> , 2017, 219, 329-338.	4.2	45
43	Characterization of Refined Edible Oils Enriched with Phenolic Extracts from Olive Leaves and Pomace. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 5866-5873.	2.4	44
44	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.	2.9	44
45	Comparison of sample preparation approaches for phospholipids profiling in human serum by liquid chromatography–tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1240, 21-28.	1.8	43
46	Automated targeting analysis of eicosanoid inflammation biomarkers in human serum and in the exometabolome of stem cells by SPE–LC–MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 1093-1103.	1.9	42
47	Influence of the collection tube on metabolomic changes in serum and plasma. <i>Talanta</i> , 2016, 150, 681-689.	2.9	42
48	Establishing compositional differences between fresh and black garlic by a metabolomics approach based on LC–QTOF MS/MS analysis. <i>Journal of Food Composition and Analysis</i> , 2017, 62, 155-163.	1.9	42
49	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.	2.1	42
50	Fast method for the determination of total fat and trans fatty-acids content in bakery products based on microwave-assisted Soxhlet extraction and medium infrared spectroscopy detection. <i>Analytica Chimica Acta</i> , 2004, 517, 13-20.	2.6	41
51	Quality and Stability of Edible Oils Enriched with Hydrophilic Antioxidants from the Olive Tree: The Role of Enrichment Extracts and Lipid Composition. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 11432-11441.	2.4	41
52	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.	3.2	39
53	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.	2.6	39
54	An approach to the phytochemical profiling of rocket [<i>Eruca sativa</i> (Mill.) Thell]. <i>Journal of the Science of Food and Agriculture</i> , 2013, 93, 3809-3819.	1.7	37

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55	Comparative Study of the Effect of Sample Pretreatment and Extraction on the Determination of Flavonoids from Lemon (<i>Citrus limon</i>). <i>PLoS ONE</i> , 2016, 11, e0148056.	1.1	37
56	Study of sample preparation for metabolomic profiling of human saliva by liquid chromatography–time of flight/mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1248, 178-181.	1.8	35
57	Influence of vegetable oil fatty acid composition on ultrasound-assisted synthesis of biodiesel. <i>Fuel</i> , 2014, 125, 183-191.	3.4	35
58	LC–MS/MS quantitative analysis of paclitaxel and its major metabolites in serum, plasma and tissue from women with ovarian cancer after intraperitoneal chemotherapy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 91, 131-137.	1.4	35
59	Liquid chromatography/triple quadrupole tandem mass spectrometry with multiple reaction monitoring for optimal selection of transitions to evaluate nutraceuticals from olive–tree materials. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 855-864.	0.7	34
60	Development and application of a quantitative method for determination of flavonoids in orange peel: Influence of sample pretreatment on composition. <i>Talanta</i> , 2015, 144, 349-355.	2.9	34
61	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.	2.9	34
62	Ultrasound-enhanced enzymatic hydrolysis of conjugated female steroids as pretreatment for their analysis by LC–MS/MS in urine. <i>Analyst, The</i> , 2009, 134, 1416.	1.7	33
63	Identification of metabolomics panels for potential lung cancer screening by analysis of exhaled breath condensate. <i>Journal of Breath Research</i> , 2016, 10, 026002.	1.5	33
64	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.	2.9	33
65	Automated determination of folate catabolites in human biofluids (urine, breast milk and serum) by on-line SPE–HILIC–MS/MS. <i>Journal of Chromatography A</i> , 2010, 1217, 4688-4695.	1.8	32
66	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.	2.6	32
67	Two-dimensional liquid chromatography coupled to tandem mass spectrometry for vitamin D metabolite profiling including the C3-epimer-25-monohydroxyvitamin D3. <i>Journal of Chromatography A</i> , 2016, 1451, 50-57.	1.8	32
68	Influence of sample preparation on lipidomics analysis of polar lipids in adipose tissue. <i>Talanta</i> , 2018, 177, 86-93.	2.9	32
69	Ultrasound-assisted continuous liquid–liquid extraction without phase separation and hydrolysis of paracetamol in suppositories. <i>Analytica Chimica Acta</i> , 2003, 489, 223-232.	2.6	31
70	Synthesis of biodiesel from castor oil: Silent versus sonicated methylation and energy studies. <i>Energy Conversion and Management</i> , 2015, 96, 561-567.	4.4	31
71	Phenolic profile of virgin olive oil from advanced breeding selections. <i>Spanish Journal of Agricultural Research</i> , 2012, 10, 443.	0.3	30
72	Automated fast extraction of nitrated polycyclic aromatic hydrocarbons from soil by focused microwave-assisted Soxhlet extraction prior to gas chromatography–electron-capture detection. <i>Journal of Chromatography A</i> , 2003, 994, 159-167.	1.8	29

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73	Analytical uses of ultrasound. <i>TrAC - Trends in Analytical Chemistry</i> , 2004, 23, 829-838.	5.8	29
74	Prostate Cancer Patients's 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.	1.6	29
75	Tentative identification of the composition of <i>Agaricus bisporus</i> aqueous enzymatic extracts with antiviral activity against HCV: A study by liquid chromatography-tandem mass spectrometry in high resolution mode. <i>Journal of Functional Foods</i> , 2016, 24, 403-419.	1.6	29
76	The analytical process to search for metabolomics biomarkers. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 147, 341-349.	1.4	29
77	The decrease in the health benefits of extra virgin olive oil during storage is conditioned by the initial phenolic profile. <i>Food Chemistry</i> , 2021, 336, 127730.	4.2	29
78	Speciation of chromium by in-capillary derivatization and electrophoretically mediated microanalysis. <i>Journal of Chromatography A</i> , 2006, 1113, 244-250.	1.8	28
79	Lesser known ultrasound-assisted heterogeneous sample-preparation procedures. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 154-162.	5.8	28
80	Oleocanthalic Acid, a Chemical Marker of Olive Oil Aging and Exposure to a High Storage Temperature with Potential Neuroprotective Activity. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 7337-7346.	2.4	28
81	Determination of essential amino acids in human serum by a targeting method based on automated SPE-LC-MS/MS: Discrimination between arteriosclerotic patients. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 70, 476-484.	1.4	27
82	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.	1.4	27
83	HS-GC/MS volatile profile of different varieties of garlic and their behavior under heating. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 3843-3852.	1.9	27
84	Targeted Analysis of the Concentration Changes of Phenolic Compounds in Persian Lime (<i>Citrus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.4	27
85	Study of blood collection and sample preparation for analysis of vitamin D and its metabolites by liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2015, 879, 69-76.	2.6	26
86	Characterization and Comparison of Wine Lees by Liquid Chromatography-Mass Spectrometry in High-Resolution Mode. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 1116-1125.	2.4	26
87	Quantitative analytical method to evaluate the metabolism of vitamin D. <i>Clinica Chimica Acta</i> , 2015, 442, 6-12.	0.5	26
88	Serum 25-hydroxyvitamin D and breast cancer risk by pathological subtype (MCC-Spain). <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 182, 4-13.	1.2	26
89	Is dialysis alive as a membrane-based separation technique?. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 315-326.	5.8	25
90	Biodiesel synthesis from saturated and unsaturated oils assisted by the combination of ultrasound, agitation and heating. <i>Fuel</i> , 2014, 131, 6-16.	3.4	25

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91	Recent advances in human sweat metabolomics for lung cancer screening. <i>Metabolomics</i> , 2016, 12, 1.	1.4	25
92	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.	1.4	25
93	Influence of genetic and interannual factors on the phenolic profiles of virgin olive oils. <i>Food Chemistry</i> , 2021, 342, 128357.	4.2	25
94	Virgin olive oil phenolic profile and variability in progenies from olive crosses. <i>Journal of the Science of Food and Agriculture</i> , 2012, 92, 2524-2533.	1.7	24
95	Effect of sample pretreatment on the extraction of lemon (<i>Citrus limon</i>) components. <i>Talanta</i> , 2016, 153, 386-391.	2.9	24
96	Flow injection analysis-based methodology for automatic on-line monitoring and quality control for biodiesel production. <i>Bioresource Technology</i> , 2009, 100, 421-427.	4.8	23
97	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.	1.8	23
98	Development and application of a quantitative method based on LC-QQ MS/MS for determination of steviol glycosides in <i>Stevia</i> leaves. <i>Talanta</i> , 2016, 154, 263-269.	2.9	23
99	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.	1.5	23
100	MetaboQC: A tool for correcting untargeted metabolomics data with mass spectrometry detection using quality controls. <i>Talanta</i> , 2017, 174, 29-37.	2.9	23
101	Dual injection capillary electrophoresis: Foundations and applications. <i>Electrophoresis</i> , 2004, 25, 4074-4085.	1.3	22
102	Influence of Simulated Deep Frying on the Antioxidant Fraction of Vegetable Oils after Enrichment with Extracts from Olive Oil Pomace. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 9806-9814.	2.4	22
103	Comparison of extraction methods for exploitation of grape skin residues from ethanol distillation. <i>Talanta</i> , 2012, 101, 292-298.	2.9	22
104	Mechanism of imazamox resistance of the Clearfield® wheat cultivar for better weed control. <i>Agronomy for Sustainable Development</i> , 2015, 35, 639-648.	2.2	22
105	Integrated proteomic and metabolomic analysis reveals that rhodomyrone reduces the capsule in <i>Streptococcus pneumoniae</i> . <i>Scientific Reports</i> , 2017, 7, 2715.	1.6	22
106	Automated solid-phase extraction for concentration and clean-up of female steroid hormones prior to liquid chromatography-electrospray ionization-tandem mass spectrometry: An approach to lipidomics. <i>Journal of Chromatography A</i> , 2008, 1207, 46-54.	1.8	21
107	Temporal metabolomic analysis of glucoside phenolic compounds and their aglycone forms in olive tree and derived materials. <i>Phytochemical Analysis</i> , 2009, 20, 221-230.	1.2	21
108	The role of ultrasound in analytical derivatizations. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 1189-1195.	1.2	21

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109	Dry sweat as sample for metabolomics analysis. <i>Talanta</i> , 2020, 208, 120428.	2.9	21
110	Determination of phenolic compounds in grape skin by capillary electrophoresis with simultaneous dual fluorescence and diode array absorption detection after dynamic superheated liquid leaching. <i>Journal of Chromatography A</i> , 2007, 1139, 301-307.	1.8	20
111	Phenolic composition of virgin olive oils from cross breeding segregating populations. <i>European Journal of Lipid Science and Technology</i> , 2012, 114, 542-551.	1.0	20
112	Quantitative Analysis of Glycated Proteins. <i>Journal of Proteome Research</i> , 2014, 13, 336-347.	1.8	20
113	Selective ultrasound-enhanced enzymatic hydrolysis of oleuropein to its aglycon in olive (<i>Olea</i>) Tj ETQq1 1 0.784314,rgBT /Oyerlock 10 4.2 20	4.2	20
114	Determination of primary fatty acid amides in different biological fluids by LC-MS/MS in MRM mode with synthetic deuterated standards: Influence of biofluid matrix on sample preparation. <i>Talanta</i> , 2019, 193, 29-36.	2.9	20
115	Targeting metabolomics analysis of the sunscreen agent 2-ethylhexyl 4-(N,N-dimethylamino)benzoate in human urine by automated on-line solid-phase extraction-liquid chromatography-tandem mass spectrometry with liquid chromatography-time-of-flight/mass spectrometry confirmation. <i>Journal of Chromatography A</i> , 2011, 1218, 3013-3021.	1.8	19
116	Screening and confirmatory analysis of glyoxylate: A biomarker of plants resistance against herbicides. <i>Talanta</i> , 2010, 82, 1757-1762.	2.9	18
117	Cholesterol oxidation products in milk: Processing formation and determination. <i>European Journal of Lipid Science and Technology</i> , 2012, 114, 687-694.	1.0	18
118	The Human Diabetes Proteome Project (HDPP): From network biology to targets for therapies and prevention. <i>Translational Proteomics</i> , 2013, 1, 3-11.	1.2	18
119	Comparative profiling analysis of woody flavouring from vine-shoots and oak chips. <i>Journal of the Science of Food and Agriculture</i> , 2014, 94, 504-514.	1.7	18
120	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.	1.8	18
121	Exhaled breath condensate to discriminate individuals with different smoking habits by GC-TOF/MS. <i>Scientific Reports</i> , 2017, 7, 1421.	1.6	18
122	Automated method for targeting analysis of prostanoids in human serum by on-line solid-phase extraction and liquid chromatography-mass spectrometry in selected reaction monitoring. <i>Journal of Chromatography A</i> , 2011, 1218, 2848-2855.	1.8	17
123	Automated method for determination of olive oil phenols and metabolites in human plasma and application in intervention studies. <i>Journal of Chromatography A</i> , 2012, 1258, 108-116.	1.8	17
124	Characterization of the glycated human cerebrospinal fluid proteome. <i>Journal of Proteomics</i> , 2012, 75, 4766-4782.	1.2	17
125	Sunlight exposure increases the phenolic content in postharvested white grapes. An evaluation of their antioxidant activity in <i>Saccharomyces cerevisiae</i> . <i>Journal of Functional Foods</i> , 2013, 5, 1566-1575.	1.6	17
126	Tentative identification of polar and mid-polar compounds in extracts from wine lees by liquid chromatography-tandem mass spectrometry in high-resolution mode. <i>Journal of Mass Spectrometry</i> , 2015, 50, 826-837.	0.7	17

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127	Comparative study of the effect of auxiliary energies on the extraction of Citrus fruit components. <i>Talanta</i> , 2015, 144, 522-528.	2.9	17
128	Evaluation of Antioxidant and Wound-Healing Properties of EHO-85, a Novel Multifunctional Amorphous Hydrogel Containing <i>Olea europaea</i> Leaf Extract. <i>Pharmaceutics</i> , 2022, 14, 349.	2.0	17
129	Dynamic ultrasound-assisted leaching of essential macro and micronutrient metal elements from animal feeds prior to flame atomic absorption spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 1376-1381.	1.9	16
130	Determination of B2 and B6 vitamers in serum by capillary electrophoresis-molecular fluorescence-charge coupled detector. <i>Electrophoresis</i> , 2005, 26, 2376-2383.	1.3	16
131	Anthocyanidins, Proanthocyanidins, and Anthocyanins Profiling in Wine Lees by Solid-Phase Extractionâ€“Liquid Chromatography Coupled to Electrospray Ionization Tandem Mass Spectrometry with Data-Dependent Methods. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 12539-12548.	2.4	16
132	Ultrasound-assisted hydrolysis and chemical derivatization combined to lab-on-valve solid-phase extraction for the determination of sialic acids in human biofluids by HPLC-liquid chromatography-laser induced fluorescence. <i>Analytica Chimica Acta</i> , 2013, 766, 69-76.	2.6	16
133	Characterisation of the influences of aspirin-acetylation and glycation on human plasma proteins. <i>Journal of Proteomics</i> , 2015, 114, 125-135.	1.2	16
134	Determination of glycerophospholipids in vegetable edible oils: Proof of concept to discriminate olive oil categories. <i>Food Chemistry</i> , 2019, 299, 125136.	4.2	16
135	Use of chemometrics and mid infrared spectroscopy for the selection of extraction alternatives to reference analytical methods for total fat isolation. <i>Analytica Chimica Acta</i> , 2004, 525, 159-169.	2.6	15
136	Human Hemolysate Glycated Proteome. <i>Analytical Chemistry</i> , 2011, 83, 5673-5680.	3.2	15
137	Influence of Deep Frying on the Unsaponifiable Fraction of Vegetable Edible Oils Enriched with Natural Antioxidants. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 7194-7202.	2.4	15
138	Evaluation of the Composition of Vine Shoots and Oak Chips for Oenological Purposes by Superheated Liquid Extraction and High-Resolution Liquid Chromatographyâ€“Time-of-Flight/Mass Spectrometry Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 3409-3417.	2.4	15
139	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.	1.7	15
140	Bioaccumulation assessment of the sunscreen agent 2-ethylhexyl 4-(N,N-dimethylamino)benzoate in human semen by automated online SPE-LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 1003-1011.	1.9	14
141	Effects of arachidonic acid on the concentration of hydroxyeicosatetraenoic acids in culture media of mesenchymal stromal cells differentiating into adipocytes or osteoblasts. <i>Genes and Nutrition</i> , 2014, 9, 375.	1.2	14
142	Changes in the composition of the polar fraction of Persian lime (<i>Citrus latifolia</i>) during fruit growth by LCâ€“QTOF MS/MS analysis. <i>Food Chemistry</i> , 2017, 234, 262-268.	4.2	14
143	GCâ€“MS study of changes in polar/mid-polar and volatile compounds in Persian lime (<i>Citrus</i>) Tj ETQq1 1 0.784314 rgBT /Overl	1.7	14
144	Untargeted analysis to monitor metabolic changes of garlic along heat treatment by LCâ€“QTOF MS/MS. <i>Electrophoresis</i> , 2017, 38, 2349-2360.	1.3	14

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