

Olga Jauregui

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5188439/publications.pdf>

Version: 2024-02-01

79
papers

5,271
citations

66343

42
h-index

82547

72
g-index

79
all docs

79
docs citations

79
times ranked

7745
citing authors

#	ARTICLE	IF	CITATIONS
1	Anthocyanins in aged blueberry-fed rats are found centrally and may enhance memory. <i>Nutritional Neuroscience</i> , 2005, 8, 111-120.	3.1	482
2	Liquid chromatographic/electrospray ionization tandem mass spectrometric study of the phenolic composition of cocoa (<i>Theobroma cacao</i>). <i>Journal of Mass Spectrometry</i> , 2003, 38, 35-42.	1.6	396
3	Separation and Characterization of Phenolic Compounds in Fennel (<i>Foeniculum vulgare</i>) Using Liquid Chromatography ⁺ Negative Electrospray Ionization Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 3679-3687.	5.2	198
4	A comprehensive characterisation of beer polyphenols by high resolution mass spectrometry (LC ⁺ ESI-LTQ-Orbitrap-MS). <i>Food Chemistry</i> , 2015, 169, 336-343.	8.2	163
5	Characterization and Quantification of Phenolic Compounds in Olive Oils by Solid-Phase Extraction, HPLC-DAD, and HPLC-MS/MS. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 4331-4340.	5.2	160
6	Targeted metabolic profiling of phenolics in urine and plasma after regular consumption of cocoa by liquid chromatography ⁺ tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 7258-7267.	3.7	160
7	Improved characterization of tomato polyphenols using liquid chromatography/electrospray ionization linear ion trap quadrupole Orbitrap mass spectrometry and liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 2986-2992.	1.5	151
8	Simultaneous quantitative LC ⁺ ESI-MS/MS analyses of salicylic acid and jasmonic acid in crude extracts of <i>Cucumis sativus</i> under biotic stress. <i>Phytochemistry</i> , 2006, 67, 395-401.	2.9	149
9	Qualitative analysis of phenolic compounds in apple pomace using liquid chromatography coupled to mass spectrometry in tandem mode. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 553-563.	1.5	147
10	Identification of phenolic compounds in artichoke waste by high-performance liquid chromatography ⁺ tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2003, 1008, 57-72.	3.7	145
11	An LC-MS-Based Metabolomics Approach for Exploring Urinary Metabolome Modifications after Cocoa Consumption. <i>Journal of Proteome Research</i> , 2009, 8, 5060-5068.	3.7	139
12	Liquid Chromatography with Mass Spectrometry in Tandem Mode Applied for the Identification of Wine Markers in Residues from Ancient Egyptian Vessels. <i>Analytical Chemistry</i> , 2004, 76, 1672-1677.	6.5	132
13	Uptake of Diet Resveratrol into the Human Low-Density Lipoprotein. Identification and Quantification of Resveratrol Metabolites by Liquid Chromatography Coupled with Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2005, 77, 3149-3155.	6.5	129
14	Determination of phenols in sea water by liquid chromatography with electrochemical detection after enrichment by using solid-phase extraction cartridges and disks. <i>Analytica Chimica Acta</i> , 1995, 304, 75-84.	5.4	108
15	Elevated Circulating LDL Phenol Levels in Men Who Consumed Virgin Rather Than Refined Olive Oil Are Associated with Less Oxidation of Plasma LDL. <i>Journal of Nutrition</i> , 2010, 140, 501-508.	2.9	103
16	Phenolic profiling of the skin, pulp and seeds of Albari ⁺ grapes using hybrid quadrupole time-of-flight and triple-quadrupole mass spectrometry. <i>Food Chemistry</i> , 2014, 145, 874-882.	8.2	101
17	Metabolomics Unveils Urinary Changes in Subjects with Metabolic Syndrome following 12-Week Nut Consumption. <i>Journal of Proteome Research</i> , 2011, 10, 5047-5058.	3.7	99
18	Phenolic Profile and Hydrophilic Antioxidant Capacity as Chemotaxonomic Markers of Tomato Varieties. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 3994-4001.	5.2	97

#	ARTICLE	IF	CITATIONS
19	HPLC-Tandem Mass Spectrometric Method to Characterize Resveratrol Metabolism in Humans. <i>Clinical Chemistry</i> , 2007, 53, 292-299.	3.2	92
20	Screening of the polyphenol content of tomato-based products through accurate-mass spectrometry (HPLC-ESI-QTOF). <i>Food Chemistry</i> , 2011, 129, 877-883.	8.2	90
21	Rapid Liquid Chromatography Tandem Mass Spectrometry Assay To Quantify Plasma (â)-Epicatechin Metabolites after Ingestion of a Standard Portion of Cocoa Beverage in Humans. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 6190-6194.	5.2	80
22	Characterization of acylated flavonoid-O-glycosides and methoxylated flavonoids from <i>Tagetes maximab</i> by liquid chromatography coupled to electrospray ionization tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 2801-2810.	1.5	77
23	Enhanced determination of abscisic acid (ABA) and abscisic acid glucose ester (ABA-GE) in <i>Cistus albidus</i> plants by liquid chromatography-mass spectrometry in tandem mode. <i>Plant Physiology and Biochemistry</i> , 2009, 47, 256-261.	5.8	77
24	Evaluation of a Method To Characterize the Phenolic Profile of Organic and Conventional Tomatoes. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 3373-3380.	5.2	70
25	First evidence of white wine in ancient Egypt from Tutankhamun's tomb. <i>Journal of Archaeological Science</i> , 2006, 33, 1075-1080.	2.4	69
26	Antioxidant Activity and Phenolic Composition of Lavandin (<i>Lavandula x intermedia</i> Emeric ex) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	3.2	66
27	Presence of virgin olive oil phenolic metabolites in human low density lipoprotein fraction: Determination by high-performance liquid chromatography-electrospray ionization tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2007, 583, 402-410.	5.4	65
28	A rapid method for analysis of abscisic acid (ABA) in crude extracts of water stressed <i>Arabidopsis thaliana</i> plants by liquid chromatography-mass spectrometry in tandem mode. <i>Plant Physiology and Biochemistry</i> , 2005, 43, 407-411.	5.8	64
29	Separation and characterization of phenolic compounds in argan fruit pulp using liquid chromatography-negative electrospray ionization tandem mass spectroscopy. <i>Food Chemistry</i> , 2007, 100, 1398-1401.	8.2	63
30	Analysis of phenolic compounds by high-performance liquid chromatography coupled to electrospray ionization tandem mass spectrometry in senescent and water-stressed tobacco. <i>Plant Science</i> , 2012, 182, 71-78.	3.6	61
31	Urolithins Are the Main Urinary Microbial-Derived Phenolic Metabolites Discriminating a Moderate Consumption of Nuts in Free-Living Subjects with Diagnosed Metabolic Syndrome. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 8930-8940.	5.2	61
32	Detection and Quantification of Unbound Phytochelatin 2 in Plant Extracts of <i>Brassica napus</i> Grown with Different Levels of Mercury. <i>Plant Physiology</i> , 2006, 142, 742-749.	4.8	59
33	Characterization of the Human Exposome by a Comprehensive and Quantitative Large-Scale Multianalyte Metabolomics Platform. <i>Analytical Chemistry</i> , 2020, 92, 13767-13775.	6.5	54
34	Bioavailability of tomato polyphenols is enhanced by processing and fat addition: Evidence from a randomized feeding trial. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 1578-1589.	3.3	53
35	A New LC/MS/MS Rapid and Sensitive Method for the Determination of Green Tea Catechins and their Metabolites in Biological Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 8857-8863.	5.2	52
36	Metabolic profiling of bioactive <i>Pancreaticum canariense</i> extracts by GC-MS. <i>Phytochemical Analysis</i> , 2010, 21, 80-88.	2.4	51

#	ARTICLE	IF	CITATIONS
37	The origin of the ancient Egyptian drink Shedeḥ revealed using LC/MS/MS. <i>Journal of Archaeological Science</i> , 2006, 33, 98-101.	2.4	50
38	Gut and microbial resveratrol metabolite profiling after moderate long-term consumption of red wine versus dealcoholized red wine in humans by an optimized ultra-high-pressure liquid chromatography tandem mass spectrometry method. <i>Journal of Chromatography A</i> , 2012, 1265, 105-113.	3.7	50
39	Comprehensive liquid chromatography-ion-spray tandem mass spectrometry method for the identification and quantification of eight hydroxylated brominated diphenyl ethers in environmental matrices. <i>Journal of Mass Spectrometry</i> , 2007, 42, 890-899.	1.6	49
40	Effect of n-3 PUFA supplementation at different EPA:DHA ratios on the spontaneously hypertensive obese rat model of the metabolic syndrome. <i>British Journal of Nutrition</i> , 2015, 113, 878-887.	2.3	44
41	A metabolomics-driven approach to predict cocoa product consumption by designing a multimetabolite biomarker model in free-living subjects from the PREDIMED study. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 212-220.	3.3	44
42	Absorption and pharmacokinetics of grapefruit flavanones in beagles. <i>British Journal of Nutrition</i> , 2007, 98, 86-92.	2.3	43
43	High-resolution liquid chromatography/electrospray ionization time-of-flight mass spectrometry combined with liquid chromatography/electrospray ionization tandem mass spectrometry to identify polyphenols from grape antioxidant dietary fiber. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 3489-3500.	1.5	42
44	Investigation of <i>Lepechinia graveolens</i> for its antioxidant activity and phenolic composition. <i>Journal of Ethnopharmacology</i> , 2004, 94, 175-184.	4.1	41
45	New and Vintage Solutions To Enhance the Plasma Metabolome Coverage by LC-ESI-MS Untargeted Metabolomics: The Not-So-Simple Process of Method Performance Evaluation. <i>Analytical Chemistry</i> , 2015, 87, 2639-2647.	6.5	39
46	Mechanistically different effects of fat and sugar on insulin resistance, hypertension, and gut microbiota in rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 314, E552-E563.	3.5	39
47	Rapid high-performance liquid chromatography-ion electrospray ionization tandem mass spectrometry method for qualitative and quantitative analysis of virgin olive oil phenolic metabolites in human low-density lipoproteins. <i>Journal of Chromatography A</i> , 2006, 1116, 69-75.	3.7	35
48	Quantitative Dietary Fingerprinting (QDF) - A Novel Tool for Comprehensive Dietary Assessment Based on Urinary Nutrimetabolomics. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 1851-1861.	5.2	34
49	Liquid chromatography-tandem mass spectrometry analysis of eicosanoids and related compounds in cell models. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 964, 41-49.	2.3	33
50	Rapid simultaneous analysis of cyclooxygenase, lipoxygenase and cytochrome P-450 metabolites of arachidonic and linoleic acids using high performance liquid chromatography/mass spectrometry in tandem mode. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 56, 976-982.	2.8	30
51	Quantifying the human diet in the crosstalk between nutrition and health by multi-targeted metabolomics of food and microbiota-derived metabolites. <i>International Journal of Obesity</i> , 2020, 44, 2372-2381.	3.4	30
52	Metabolomics Technologies for the Identification and Quantification of Dietary Phenolic Compound Metabolites: An Overview. <i>Antioxidants</i> , 2021, 10, 846.	5.1	27
53	Characterization of complex lipid mixtures in contaminant exposed JEG-3 cells using liquid chromatography and high-resolution mass spectrometry. <i>Environmental Science and Pollution Research</i> , 2014, 21, 11907-11916.	5.3	26
54	Absorption and pharmacokinetics of green tea catechins in beagles. <i>British Journal of Nutrition</i> , 2008, 100, 496-502.	2.3	25

#	ARTICLE	IF	CITATIONS
55	A new LC-ESI-MS/MS method to measure long-chain acylcarnitine levels in cultured cells. <i>Analytica Chimica Acta</i> , 2007, 599, 1-6.	5.4	24
56	Urinary Isoxanthohumol Is a Specific and Accurate Biomarker of Beer Consumption. <i>Journal of Nutrition</i> , 2014, 144, 484-488.	2.9	24
57	Discovery of human urinary biomarkers of aronia-citrus juice intake by HPLC-TOF-based metabolomic approach. <i>Electrophoresis</i> , 2014, 35, 1599-1606.	2.4	21
58	Analytical Condition Setting a Crucial Step in the Quantification of Unstable Polyphenols in Acidic Conditions: Analyzing Prenylflavanoids in Biological Samples by Liquid Chromatography-Electrospray Ionization Triple Quadrupole Mass Spectrometry. <i>Analytical Chemistry</i> , 2013, 85, 5547-5554.	6.5	20
59	Untargeted Profiling of Concordant/Discordant Phenotypes of High Insulin Resistance and Obesity To Predict the Risk of Developing Diabetes. <i>Journal of Proteome Research</i> , 2018, 17, 2307-2317.	3.7	20
60	Quantification of Intracellular Phosphorylated Carbohydrates in HT29 Human Colon Adenocarcinoma Cell Line Using Liquid Chromatography-Electrospray Ionization Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2007, 79, 5000-5005.	6.5	19
61	New carrier electrolytes for the separation of chlorophenols by capillary electrophoresis. <i>Electrophoresis</i> , 2000, 21, 611-618.	2.4	18
62	Alteration of cellular lipids and lipid metabolism markers in RTL-W1 cells exposed to model endocrine disrupters. <i>Aquatic Toxicology</i> , 2015, 165, 277-285.	4.0	17
63	Total Analysis of the Major Secoiridoids in Extra Virgin Olive Oil: Validation of an UHPLC-ESI-MS/MS Method. <i>Antioxidants</i> , 2021, 10, 540.	5.1	17
64	Fagomine attenuates metabolic alterations induced by a high-energy-dense diet in rats. <i>Food and Function</i> , 2015, 6, 2614-2619.	4.6	16
65	Tissue Distribution of Oleocanthal and Its Metabolites after Oral Ingestion in Rats. <i>Antioxidants</i> , 2021, 10, 688.	5.1	16
66	Sensitive and Rapid UHPLC-MS/MS for the Analysis of Tomato Phenolics in Human Biological Samples. <i>Molecules</i> , 2015, 20, 20409-20425.	3.8	13
67	Characterization of Metabolomic Profile Associated with Metabolic Improvement after Bariatric Surgery in Subjects with Morbid Obesity. <i>Journal of Proteome Research</i> , 2018, 17, 2704-2714.	3.7	12
68	Identification and Quantification of Urinary Microbial Phenolic Metabolites by HPLC-ESI-LTQ-Orbitrap-HRMS and Their Relationship with Dietary Polyphenols in Adolescents. <i>Antioxidants</i> , 2022, 11, 1167.	5.1	12
69	Metabotypes of response to bariatric surgery independent of the magnitude of weight loss. <i>PLoS ONE</i> , 2018, 13, e0198214.	2.5	11
70	A discovery-driven approach to elucidate urinary metabolome changes after a regular and moderate consumption of beer and nonalcoholic beer in subjects at high cardiovascular risk. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600980.	3.3	10
71	Chronic adenosine A _{2A} receptor blockade induces locomotor sensitization and potentiates striatal LTD IN GPR37-deficient mice. <i>Journal of Neurochemistry</i> , 2019, 148, 796-809.	3.9	10
72	Inhibition of Tryptophan Hydroxylases and Monoamine Oxidase-A by the Proton Pump Inhibitor, Omeprazole-In Vitro and In Vivo Investigations. <i>Frontiers in Pharmacology</i> , 2020, 11, 593416.	3.5	10

#	ARTICLE	IF	CITATIONS
73	Phytohormone Profiling Method for Rice: Effects of GA20ox Mutation on the Gibberellin Content of Japonica Rice Varieties. <i>Frontiers in Plant Science</i> , 2019, 10, 733.	3.6	8
74	Improved Characterization of Polyphenols Using Liquid Chromatography. , 2014, , 261-292.		7
75	Ex-Vivo and In-Vivo Assessment of Cyclamen europaeum Extract After Nasal Administration. <i>Pharmaceutics</i> , 2019, 11, 426.	4.5	6
76	Chapter 6 Phenols. <i>Handbook of Analytical Separations</i> , 2001, 3, 175-236.	0.8	5
77	Absorption and Metabolization of Cytoprotective Epicatechin Thio Conjugates in Rats. <i>Drug Metabolism and Disposition</i> , 2010, 38, 2188-2194.	3.3	5
78	Optimization of a liquid chromatography-tandem mass spectrometry method for the quantification of traces of taxanes in a <i>Corylus avellana</i> cell suspension medium. <i>RSC Advances</i> , 2015, 5, 17976-17983.	3.6	3
79	A Response to LÃ©a Drieu et al., 2020, â€œIs It Possible to Identify Ancient Wine Production Using Biomolecular Approaches?â€ (STAR: Science & Technology of Archaeological Research</i>,) Tj ETQq1 1 0.784314 rgBf /Overlo		