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	Identification and Quantification of Urinary Microbial Phenolic Metabolites by HPLC-ESI-LTQ-Orbitrap-HRMS and Their Relationship with Dietary Polyphenols in Adolescents. Antioxidants, 2022, 11, 1167.	5.1	12
2	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,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5		3
3	Total Analysis of the Major Secoiridoids in Extra Virgin Olive Oil: Validation of an UHPLC-ESI-MS/MS Method. Antioxidants, 2021, 10, 540.	5.1	17
4	Tissue Distribution of Oleocanthal and Its Metabolites after Oral Ingestion in Rats. Antioxidants, 2021, 10, 688.	5.1	16
5	Metabolomics Technologies for the Identification and Quantification of Dietary Phenolic Compound Metabolites: An Overview. Antioxidants, 2021, 10, 846.	5.1	27
6	Quantitative Dietary Fingerprinting (QDF)â€”A Novel Tool for Comprehensive Dietary Assessment Based on Urinary Nutrimetabolomics. Journal of Agricultural and Food Chemistry, 2020, 68, 1851-1861.	5.2	34
7	Inhibition of Tryptophan Hydroxylases and Monoamine Oxidase-A by the Proton Pump Inhibitor, Omeprazoleâ€”In Vitro and In Vivo Investigations. Frontiers in Pharmacology, 2020, 11, 593416.	3.5	10
8	Characterization of the Human Exposome by a Comprehensive and Quantitative Large-Scale Multianalyte Metabolomics Platform. Analytical Chemistry, 2020, 92, 13767-13775.	6.5	54
9	Quantifying the human diet in the crosstalk between nutrition and health by multi-targeted metabolomics of food and microbiota-derived metabolites. International Journal of Obesity, 2020, 44, 2372-2381.	3.4	30
10	Ex-Vivo and In-Vivo Assessment of Cyclamen europaeum Extract After Nasal Administration. Pharmaceutics, 2019, 11, 426.	4.5	6
11	Phytohormone Profiling Method for Rice: Effects of GA20ox Mutation on the Gibberellin Content of Japonica Rice Varieties. Frontiers in Plant Science, 2019, 10, 733.	3.6	8
12	Chronic adenosine A_{2A} receptor blockade induces locomotor sensitization and potentiates striatal LTD IN GPR37â€deficient mice. Journal of Neurochemistry, 2019, 148, 796-809.	3.9	10
13	Mechanistically different effects of fat and sugar on insulin resistance, hypertension, and gut microbiota in rats. American Journal of Physiology - Endocrinology and Metabolism, 2018, 314, E552-E563.	3.5	39
14	Metabotypes of response to bariatric surgery independent of the magnitude of weight loss. PLoS ONE, 2018, 13, e0198214.	2.5	11
15	Untargeted Profiling of Concordant/Discordant Phenotypes of High Insulin Resistance and Obesity To Predict the Risk of Developing Diabetes. Journal of Proteome Research, 2018, 17, 2307-2317.	3.7	20
16	Characterization of Metabolomic Profile Associated with Metabolic Improvement after Bariatric Surgery in Subjects with Morbid Obesity. Journal of Proteome Research, 2018, 17, 2704-2714.	3.7	12
17	A discoveryâ€driven approach to elucidate urinary metabolome changes after a regular and moderate consumption of beer and nonalcoholic beer in subjects at high cardiovascular risk. Molecular Nutrition and Food Research, 2017, 61, 1600980.	3.3	10
18	Bioavailability of tomato polyphenols is enhanced by processing and fat addition: Evidence from a randomized feeding trial. Molecular Nutrition and Food Research, 2016, 60, 1578-1589.	3.3	53

#	Article	IF	Citations
19	Sensitive and Rapid UHPLC-MS/MS for the Analysis of Tomato Phenolics in Human Biological Samples. Molecules, 2015, 20, 20409-20425.	3.8	13
20	Effect ofn-3 PUFA supplementation at different EPA:DHA ratios on the spontaneously hypertensive obese rat model of the metabolic syndrome. British Journal of Nutrition, 2015, 113, 878-887.	2.3	44
21	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. Analytical Chemistry, 2015, 87, 2639-2647.	6.5	39
22	Optimization of a liquid chromatography-tandem mass spectrometry method for the quantification of traces of taxanes in a Corylus avellana cell suspension medium. RSC Advances, 2015, 5, 17976-17983.	3.6	3
23	Alteration of cellular lipids and lipid metabolism markers in RTL-W1 cells exposed to model endocrine disrupters. Aquatic Toxicology, 2015, 165, 277-285.	4.0	17
24	<scp>d</scp>-Fagomine attenuates metabolic alterations induced by a high-energy-dense diet in rats. Food and Function, 2015, 6, 2614-2619.	4.6	16
25	A metabolomicsâ€driven approach to predict cocoa product consumption by designing a multimetabolite biomarker model in freeâ€living subjects from the PREDIMED study. Molecular Nutrition and Food Research, 2015, 59, 212-220.	3.3	44
26	A comprehensive characterisation of beer polyphenols by high resolution mass spectrometry (LCâ€“ESI-LTQ-Orbitrap-MS). Food Chemistry, 2015, 169, 336-343.	8.2	163
27	Improved Characterization of Polyphenols Using Liquid Chromatography. , 2014, , 261-292.		7
28	Discovery of human urinary biomarkers of aroniaâ€citrus juice intake by <scp>HPLC</scp>â€q‐<scp>TOF</scp>â€based metabolomic approach. Electrophoresis, 2014, 35, 1599-1606.	2.4	21
29	Characterization of complex lipid mixtures in contaminant exposed JEG-3 cells using liquid chromatography and high-resolution mass spectrometry. Environmental Science and Pollution Research, 2014, 21, 11907-11916.	5.3	26
30	Phenolic profiling of the skin, pulp and seeds of AlbariÃ±o grapes using hybrid quadrupole time-of-flight and triple-quadrupole mass spectrometry. Food Chemistry, 2014, 145, 874-882.	8.2	101
31	Urinary Isoxanthohumol Is a Specific and Accurate Biomarker of Beer Consumptionce. Journal of Nutrition, 2014, 144, 484-488.	2.9	24
32	Liquid chromatography-tandem mass spectrometry analysis of eicosanoids and related compounds in cell models. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 964, 41-49.	2.3	33
33	Analytical Condition Setting a Crucial Step in the Quantification of Unstable Polyphenols in Acidic Conditions: Analyzing Prenylflavanoids in Biological Samples by Liquid Chromatographyâ€“Electrospray Ionization Triple Quadruple Mass Spectrometry. Analytical Chemistry, 2013, 85, 5547-5554.	6.5	20
34	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. Journal of Chromatography A, 2012, 1265, 105-113.	3.7	50
35	Analysis of phenolic compounds by high-performance liquid chromatography coupled to electrospray ionization tandem mass spectrometry in senescent and water-stressed tobacco. Plant Science, 2012, 182, 71-78.	3.6	61
36	Evaluation of a Method To Characterize the Phenolic Profile of Organic and Conventional Tomatoes. Journal of Agricultural and Food Chemistry, 2012, 60, 3373-3380.	5.2	70

#	Article	IF	Citations
37	Urolithins Are the Main Urinary Microbial-Derived Phenolic Metabolites Discriminating a Moderate Consumption of Nuts in Free-Living Subjects with Diagnosed Metabolic Syndrome. Journal of Agricultural and Food Chemistry, 2012, 60, 8930-8940.	5.2	61
38	Phenolic Profile and Hydrophilic Antioxidant Capacity as Chemotaxonomic Markers of Tomato Varieties. Journal of Agricultural and Food Chemistry, 2011, 59, 3994-4001.	5.2	97
39	Metabolomics Unveils Urinary Changes in Subjects with Metabolic Syndrome following 12-Week Nut Consumption. Journal of Proteome Research, 2011, 10, 5047-5058.	3.7	99
40	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. Journal of Pharmaceutical and Biomedical Analysis, 2011, 56, 976-982.	2.8	30
41	Screening of the polyphenol content of tomato-based products through accurate-mass spectrometry (HPLCâ€“ESI-QTOF). Food Chemistry, 2011, 129, 877-883.	8.2	90
42	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. Rapid Communications in Mass Spectrometry, 2010, 24, 2986-2992.	1.5	151
43	Metabolic profiling of bioactive Pancratium canariense extracts by GCâ€MS. Phytochemical Analysis, 2010, 21, 80-88.	2.4	51
44	Elevated Circulating LDL Phenol Levels in Men Who Consumed Virgin Rather Than Refined Olive Oil Are Associated with Less Oxidation of Plasma LDL ,. Journal of Nutrition, 2010, 140, 501-508.	2.9	103
45	Absorption and Metabolization of Cytoprotective Epicatechin Thio Conjugates in Rats. Drug Metabolism and Disposition, 2010, 38, 2188-2194.	3.3	5
46	Enhanced determination of abscisic acid (ABA) and abscisic acid glucose ester (ABA-GE) in Cistus albidus plants by liquid chromatographyâ€“mass spectrometry in tandem mode. Plant Physiology and Biochemistry, 2009, 47, 256-261.	5.8	77
47	Targeted metabolic profiling of phenolics in urine and plasma after regular consumption of cocoa by liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2009, 1216, 7258-7267.	3.7	160
48	An LC-MS-Based Metabolomics Approach for Exploring Urinary Metabolome Modifications after Cocoa Consumption. Journal of Proteome Research, 2009, 8, 5060-5068.	3.7	139
49	Highâ€resolution liquid chromatography/electrospray ionization timeâ€ofâ€flight mass spectrometry combined with liquid chromatography/electrospray ionization tandem mass spectrometry to identify polyphenols from grape antioxidant dietary fiber. Rapid Communications in Mass Spectrometry, 2008, 22, 3489-3500.	1.5	42
50	Absorption and pharmacokinetics of green tea catechins in beagles. British Journal of Nutrition, 2008, 100, 496-502.	2.3	25
51	HPLCâ€“Tandem Mass Spectrometric Method to Characterize Resveratrol Metabolism in Humans. Clinical Chemistry, 2007, 53, 292-299.	3.2	92
52	Absorption and pharmacokinetics of grapefruit flavanones in beagles. British Journal of Nutrition, 2007, 98, 86-92.	2.3	43
53	A New LC/MS/MS Rapid and Sensitive Method for the Determination of Green Tea Catechins and their Metabolites in Biological Samples. Journal of Agricultural and Food Chemistry, 2007, 55, 8857-8863.	5.2	52
54	Quantification of Intracellular Phosphorylated Carbohydrates in HT29 Human Colon Adenocarcinoma Cell Line Using Liquid Chromatographyâ^'Electrospray Ionization Tandem Mass Spectrometry. Analytical Chemistry, 2007, 79, 5000-5005.	6.5	19

#	Article	IF	Citations
55	Antioxidant Activity and Phenolic Composition of Lavandin (Lavandula x intermedia Emeric ex) Tj ETQq1 1 0.784314 rgBT /Overlock 10	5.2	66
56	Comprehensive liquid chromatographyâ€“ion-spray tandem mass spectrometry method for the identification and quantification of eight hydroxylated brominated diphenyl ethers in environmental matrices. Journal of Mass Spectrometry, 2007, 42, 890-899.	1.6	49
57	Separation and characterization of phenolic compounds in argan fruit pulp using liquid chromatographyâ€“negative electrospray ionization tandem mass spectroscopy. Food Chemistry, 2007, 100, 1398-1401.	8.2	63
58	Presence of virgin olive oil phenolic metabolites in human low density lipoprotein fraction: Determination by high-performance liquid chromatographyâ€“electrospray ionization tandem mass spectrometry. Analytica Chimica Acta, 2007, 583, 402-410.	5.4	65
59	A new LCâ€“ESI-MS/MS method to measure long-chain acylcarnitine levels in cultured cells. Analytica Chimica Acta, 2007, 599, 1-6.	5.4	24
60	The origin of the ancient Egyptian drink Shedeh revealed using LC/MS/MS. Journal of Archaeological Science, 2006, 33, 98-101.	2.4	50
61	First evidence of white wine in ancient Egypt from Tutankhamun's tomb. Journal of Archaeological Science, 2006, 33, 1075-1080.	2.4	69
62	Rapid high-performance liquid chromatographyâ€“electrospray ionization tandem mass spectrometry method for qualitative and quantitative analysis of virgin olive oil phenolic metabolites in human low-density lipoproteins. Journal of Chromatography A, 2006, 1116, 69-75.	3.7	35
63	Simultaneous quantitative LCâ€“ESI-MS/MS analyses of salicylic acid and jasmonic acid in crude extracts of Cucumis sativus under biotic stress. Phytochemistry, 2006, 67, 395-401.	2.9	149
64	Detection and Quantification of Unbound Phytochelatin 2 in Plant Extracts of Brassica napus Grown with Different Levels of Mercury. Plant Physiology, 2006, 142, 742-749.	4.8	59
65	A rapid method for analysis of abscisic acid (ABA) in crude extracts of water stressed Arabidopsis thaliana plants by liquid chromatographyâ€”mass spectrometry in tandem mode. Plant Physiology and Biochemistry, 2005, 43, 407-411.	5.8	64
66	Anthocyanins in aged blueberry-fed rats are found centrally and may enhance memory. Nutritional Neuroscience, 2005, 8, 111-120.	3.1	482
67	Rapid Liquid Chromatography Tandem Mass Spectrometry Assay To Quantify Plasma (â^')-Epicatechin Metabolites after Ingestion of a Standard Portion of Cocoa Beverage in Humans. Journal of Agricultural and Food Chemistry, 2005, 53, 6190-6194.	5.2	80
68	Uptake of Diet Resveratrol into the Human Low-Density Lipoprotein. Identification and Quantification of Resveratrol Metabolites by Liquid Chromatography Coupled with Tandem Mass Spectrometry. Analytical Chemistry, 2005, 77, 3149-3155.	6.5	129
69	Characterization and Quantification of Phenolic Compounds in Olive Oils by Solid-Phase Extraction, HPLC-DAD, and HPLC-MS/MS. Journal of Agricultural and Food Chemistry, 2005, 53, 4331-4340.	5.2	160
70	Separation and Characterization of Phenolic Compounds in Fennel (Foeniculum vulgare) Using Liquid Chromatographyâ^'Negative Electrospray Ionization Tandem Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2004, 52, 3679-3687.	5.2	198
71	Qualitative analysis of phenolic compounds in apple pomace using liquid chromatography coupled to mass spectrometry in tandem mode. Rapid Communications in Mass Spectrometry, 2004, 18, 553-563.	1.5	147
72	Characterization of acylated flavonoid-O-glycosides and methoxylated flavonoids fromTagetes maximaby liquid chromatography coupled to electrospray ionization tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2004, 18, 2801-2810.	1.5	77

#	Article	IF	Citations
73	Liquid Chromatography with Mass Spectrometry in Tandem Mode Applied for the Identification of Wine Markers in Residues from Ancient Egyptian Vessels. Analytical Chemistry, 2004, 76, 1672-1677.	6.5	132
74	Investigation of Lepechinia graveolens for its antioxidant activity and phenolic composition. Journal of Ethnopharmacology, 2004, 94, 175-184.	4.1	41
75	Liquid chromatographic/electrospray ionization tandem mass spectrometric study of the phenolic composition of cocoa (Theobroma cacao). Journal of Mass Spectrometry, 2003, 38, 35-42.	1.6	396
76	Identification of phenolic compounds in artichoke waste by high-performance liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2003, 1008, 57-72.	3.7	145
77	Chapter 6 Phenols. Handbook of Analytical Separations, 2001, 3, 175-236.	0.8	5
78	New carrier electrolytes for the separation of chlorophenols by capillary electrophoresis. Electrophoresis, 2000, 21, 611-618.	2.4	18
79	Determination of phenols in sea water by liquid chromatography with electrochemical detection after enrichment by using solid-phase extraction cartridges and disks. Analytica Chimica Acta, 1995, 304, 75-84.	5.4	108