Cristina Andres-Lacueva

List of Publications by Year
in descending order

238 papers	18,398 citations	8181 76 h-index	15732 125 g-index
248 all docs	248 docs citations	248 times ranked	21002 citing authors

#	Article	IF	Citations
1	Advances in Polyphenol Research from Chile: A Literature Review. Food Reviews International, 2023, 39, 3134-3171.	8.4	4
2	The serum metabolome mediates the concert of diet, exercise, and neurogenesis, determining the risk for cognitive decline and dementia. Alzheimer's and Dementia, 2022, 18, 654-675.	0.8	12
3	Higher bacterial DNAemia can affect the impact of a polyphenol-rich dietary pattern on biomarkers of intestinal permeability and cardiovascular risk in older subjects. European Journal of Nutrition, 2022, 61, 1209-1220.	3.9	5
4	Animal Protein Intake Is Inversely Associated With Mortality in Older Adults: The InCHIANTI Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 1866-1872.	3.6	11
5	Apolipoprotein E and sex modulate fatty acid metabolism in a prospective observational study of cognitive decline. Alzheimer's Research and Therapy, 2022, 14, 1.	6.2	31
6	Comparison of Flavonoid Intake Assessment Methods Using USDA and Phenol Explorer Databases: Subcohort Diet, Cancer and Health-Next Generationsâ€"MAX Study. Frontiers in Nutrition, 2022, 9, 873774.	3.7	5
7	A Polyphenolâ€Rich Diet Increases the Gut Microbiota Metabolite Indole 3â€Propionic Acid in Older Adults with Preserved Kidney Function. Molecular Nutrition and Food Research, 2022, 66, e2100349.	3.3	12
8	A healthy eating score is inversely associated with depression in older adults: results from the Chilean National Health Survey 2016â€"2017. Public Health Nutrition, 2022, 25, 2864-2875.	2.2	2
9	Effects of Dietary Fibers on Short-Chain Fatty Acids and Gut Microbiota Composition in Healthy Adults: A Systematic Review. Nutrients, 2022, 14, 2559.	4.1	31
10	Influence of Plasma-Isolated Anthocyanins and Their Metabolites on Cancer Cell Migration (HT-29 and) Tj ETQq0 0 0 rgBT /Overlock 10 T	5.1	3
11	The relevance of urolithins-based metabotyping for assessing the effects of a polyphenol-rich dietary intervention on intestinal permeability: A post-hoc analysis of the MaPLE trial. Food Research International, 2022, 159, 111632.	6.2	6
12	Total urinary polyphenols and longitudinal changes of bone properties. The InCHIANTI study. Osteoporosis International, 2021, 32, 353-362.	3.1	3
13	The fobitools framework: the first steps towards food enrichment analysis. Bioinformatics, 2021, 37, 3969-3971.	4.1	0
14	Visceral Adipose Tissue Phospholipid Signature of Insulin Sensitivity and Obesity. Journal of Proteome Research, 2021, 20, 2410-2419.	3.7	2
15	A polyphenol-rich dietary pattern improves intestinal permeability, evaluated as serum zonulin levels, in older subjects: The MaPLE randomised controlled trial. Clinical Nutrition, 2021, 40, 3006-3018.	5.0	59
16	Association between Food Intake, Clinical and Metabolic Markers and DNA Damage in Older Subjects. Antioxidants, 2021, 10, 730.	5.1	4
17	The pleiotropic neuroprotective effects of resveratrol in cognitive decline and Alzheimerâ€™s disease pathology: From antioxidant to epigenetic therapy. Ageing Research Reviews, 2021, 67, 101271.	10.9	115
18	Bacterial DNAemia is associated with serum zonulin levels in older subjects. Scientific Reports, 2021, 11, 11054.	3.3	14

#	Article	IF	Citations
19	POMAShiny: A user-friendly web-based workflow for metabolomics and proteomics data analysis. PLoS Computational Biology, 2021, 17, e1009148.	3.2	15
20	The 3-Year Effect of the Mediterranean Diet Intervention on Inflammatory Biomarkers Related to Cardiovascular Disease. Biomedicines, 2021, 9, 862.	3.2	11
21	Data sharing in PredRet for accurate prediction of retention time: Application to plant food bioactive compounds. Food Chemistry, 2021, 357, 129757.	8.2	12
22	Crosstalk among intestinal barrier, gut microbiota and serum metabolome after a polyphenol-rich diet in older subjects with â€œleaky gutâ€: The MaPLE trial. Clinical Nutrition, 2021, 40, 5288-5297.	5.0	31
23	Early signature in the blood lipidome associated with subsequent cognitive decline in the elderly: A case-control analysis nested within the Three-City cohort study. EBioMedicine, 2021, 64, 103216.	6.1	20
24	Food and Microbiota Metabolites Associate with Cognitive Decline in Older Subjects: A 12â€Year Prospective Study. Molecular Nutrition and Food Research, 2021, 65, e2100606.	3.3	17
25	Adherence to the Mediterranean diet assessed by a novel dietary biomarker score and mortality in older adults: the InCHIANTI cohort study. BMC Medicine, 2021, 19, 280.	5.5	8
26	Effects of a long-term lifestyle intervention on metabolically healthy women with obesity: Metabolite profiles according to weight loss response. Clinical Nutrition, 2020, 39, 215-224.	5.0	24
27	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
28	Exploring the Molecular Pathways Behind the Effects of Nutrients and Dietary Polyphenols on Gut Microbiota and Intestinal Permeability: A Perspective on the Potential of Metabolomics and Future Clinical Applications. Journal of Agricultural and Food Chemistry, 2020, 68, 1780-1789.	5.2	47
29	Polyphenols and Intestinal Permeability: Rationale and Future Perspectives. Journal of Agricultural and Food Chemistry, 2020, 68, 1816-1829.	5.2	101
30	A Broader View on Omics and Systems Biology. , 2020, , 89-97.		0
31	Habitual Nut Exposure, Assessed by Dietary and Multiple Urinary Metabolomic Markers, and Cognitive Decline in Older Adults: The InCHIANTI Study. Molecular Nutrition and Food Research, 2020, 64, e1900532.	3.3	21
32	Perspective: Metabotypingâ€”A Potential Personalized Nutrition Strategy for Precision Prevention of Cardiometabolic Disease. Advances in Nutrition, 2020, 11, 524-532.	6.4	46
33	Increased Intestinal Permeability in Older Subjects Impacts the Beneficial Effects of Dietary Polyphenols by Modulating Their Bioavailability. Journal of Agricultural and Food Chemistry, 2020, 68, 12476-12484.	5.2	32
34	Phytochemicals in Legumes: A Qualitative Reviewed Analysis. Journal of Agricultural and Food Chemistry, 2020, 68, 13486-13496.	5.2	20
35	Reply to the letter to the editor: Lifestyle interventions on weight loss among metabolically healthy obese women. Clinical Nutrition, 2020, 39, 2933-2934.	5.0	0
36	Caffeine Compromises Proliferation of Human Hippocampal Progenitor Cells. Frontiers in Cell and Developmental Biology, 2020, 8, 806.	3.7	11

#	Article	IF	Citations
37	Dietary Squalene Induces CytochromesCyp2b10andCyp2c55Independently of Sex, Dose, and Diet in Several Mouse Models. Molecular Nutrition and Food Research, 2020, 64, 2000354.	3.3	7
38	Characterization of the Human Exposome by a Comprehensive and Quantitative Large-Scale Multianalyte Metabolomics Platform. Analytical Chemistry, 2020, 92, 13767-13775.	6.5	54
39	Recommendations for standardizing nomenclature for dietary (poly)phenol catabolites. American Journal of Clinical Nutrition, 2020, 112, 1051-1068.	4.7	65
40	Wholegrain Consumption and Risk Factors for Cardiorenal Metabolic Diseases in Chile: A Cross-Sectional Analysis of 2016â€“2017 Health National Survey. Nutrients, 2020, 12, 2815.	4.1	4
41	Estimated Intakes of Nutrients and Polyphenols in Participants Completing the MaPLE Randomised Controlled Trial and Its Relevance for the Future Development of Dietary Guidelines for the Older Subjects. Nutrients, 2020, 12, 2458.	4.1	9
42	Intestinal permeability modulation through a polyphenol-rich dietary pattern in older subjects: MaPLE project outcomes and perspectives. Proceedings of the Nutrition Society, 2020, 79, .	1.0	2
43	Discovery of Intake Biomarkers of Lentils, Chickpeas, and White Beans by Untargeted LCâ€“MS Metabolomics in Serum and Urine. Molecular Nutrition and Food Research, 2020, 64, e1901137.	3.3	30
44	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
45	Different alterations of glomerular filtration rate and their association with uric acid in children and adolescents with type 1 diabetes or with overweight/obesity. Pediatric Diabetes, 2020, 21, 657-663.	2.9	4
46	FOBI: an ontology to represent food intake data and associate it with metabolomic data. Database: the Journal of Biological Databases and Curation, 2020, 2020, .	3.0	29
47	Effect of a polyphenol-rich dietary pattern on intestinal permeability and gut and blood microbiomics in older subjects: study protocol of the MaPLE randomised controlled trial. BMC Geriatrics, 2020, 20, 77.	2.7	39
48	Association of glomerular hyperfiltration with serum chemokine levels and metabolic features in prepubertal children with overweight/obesity. Nutrition, Metabolism and Cardiovascular Diseases, 2020, 30, 1188-1195.	2.6	2
49	Impact of Foods and Dietary Supplements Containing Hydroxycinnamic Acids on Cardiometabolic Biomarkers: A Systematic Review to Explore Inter-Individual Variability. Nutrients, 2019, 11, 1805.	4.1	25
50	Comparative metabolite fingerprinting of legumes using LC-MS-based untargeted metabolomics. Food Research International, 2019, 126, 108666.	6.2	38
51	Systematic Review on Polyphenol Intake and Health Outcomes: Is there Sufficient Evidence to Define a Health-Promoting Polyphenol-Rich Dietary Pattern?. Nutrients, 2019, 11, 1355.	4.1	235
52	Dietâ€Related Metabolites Associated with Cognitive Decline Revealed by Untargeted Metabolomics in a Prospective Cohort. Molecular Nutrition and Food Research, 2019, 63, e1900177.	3.3	40
53	Role of a Polyphenol-Rich Dietary Pattern in the Modulation of Intestinal Permeability in Older Subjects: The MaPLE Study. Proceedings (mdpi), 2019, 11, .	0.2	1
54	Role of Theobromine in Cocoaâ€™s Metabolic Properties in Healthy Rats. Journal of Agricultural and Food Chemistry, 2019, 67, 3605-3614.	5.2	23

#	Article	IF	Citations
55	Biomarkers of food intake for nuts and vegetable oils: an extensive literature search. Genes and Nutrition, 2019, 14, 7.	2.5	47
56	Nutrimetabolomics: An Integrative Action for Metabolomic Analyses in Human Nutritional Studies. Molecular Nutrition and Food Research, 2019, 63, e1800384.	3.3	173
57	Metabolic Signature of a Functional High-Catechin Tea after Acute and Sustained Consumption in Healthy Volunteers through ¹H NMR Based Metabolomics Analysis of Urine. Journal of Agricultural and Food Chemistry, 2019, 67, 3118-3124.	5.2	8
58	Non-targeted metabolomic biomarkers and metabotypes of type 2 diabetes: A cross-sectional study of PREDIMED trial participants. Diabetes and Metabolism, 2019, 45, 167-174.	2.9	58
59	INJOY: INNOVATING THE JOY OF EATING FOR HEALTHY AGING. EIT HEALTH SUMMER SCHOOL. , 2019, , .		0
60	Guidelines for Biomarker of Food Intake Reviews (BFIRev): how to conduct an extensive literature search for biomarker of food intake discovery. Genes and Nutrition, 2018, 13, 3.	2.5	71
61	Evaluation and comparison of bioinformatic tools for the enrichment analysis of metabolomics data. BMC Bioinformatics, 2018, 19, 1.	2.6	509
62	Elevated circulating levels of succinate in human obesity are linked to specific gut microbiota. ISME Journal, 2018, 12, 1642-1657.	9.8	260
63	Food Intake Biomarkers for Increasing the Efficiency of Dietary Pattern Assessment through the Use of Metabolomics: Unforeseen Research Requirements for Addressing Current Gaps. Journal of Agricultural and Food Chemistry, 2018, 66, 5-7.	5.2	10
64	The gut microbiota metabolism of pomegranate or walnut ellagitannins yields two urolithin-metabotypes that correlate with cardiometabolic risk biomarkers: Comparison between normoweight, overweight-obesity and metabolic syndrome. Clinical Nutrition, 2018, 37, 897-905.	5.0	111
65	Validation of biomarkers of food intakeâ€"critical assessment of candidate biomarkers. Genes and Nutrition, 2018, 13, 14.	2.5	152
66	Biomarker of food intake for assessing the consumption of dairy and egg products. Genes and Nutrition, 2018, 13, 26.	2.5	40
67	Biomarkers of legume intake in human intervention and observational studies: a systematic review. Genes and Nutrition, 2018, 13, 25.	2.5	34
68	Untargeted ¹H NMR-Based Metabolomics Analysis of Urine and Serum Profiles after Consumption of Lentils, Chickpeas, and Beans: An Extended Meal Study To Discover Dietary Biomarkers of Pulses. Journal of Agricultural and Food Chemistry, 2018, 66, 6997-7005.	5.2	27
69	Biomarkers of intake for coffee, tea, and sweetened beverages. Genes and Nutrition, 2018, 13, 15.	2.5	51
70	Meta-Analysis of the Effects of Foods and Derived Products Containing Ellagitannins and Anthocyanins on Cardiometabolic Biomarkers: Analysis of Factors Influencing Variability of the Individual Responses. International Journal of Molecular Sciences, 2018, 19, 694.	4.1	108
71	Metabotypes of response to bariatric surgery independent of the magnitude of weight loss. PLoS ONE, 2018, 13, e0198214.	2.5	11
72	Interlaboratory Coverage Test on Plant Food Bioactive Compounds and their Metabolites by Mass Spectrometry-Based Untargeted Metabolomics. Metabolites, 2018, 8, 46.	2.9	20

#	Article	IF	Citations
73	Impact in Plasma Metabolome as Effect of Lifestyle Intervention for Weight-Loss Reveals Metabolic Benefits in Metabolically Healthy Obese Women. Journal of Proteome Research, 2018, 17, 2600-2610.	3.7	27
74	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
75	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
76	Urinary1H Nuclear Magnetic Resonance Metabolomic Fingerprinting Reveals Biomarkers of Pulse Consumption Related to Energy-Metabolism Modulation in a Subcohort from the PREDIMED study. Journal of Proteome Research, 2017, 16, 1483-1491.	3.7	15
77	Novel strategies for improving dietary exposure assessment: Multiple-data fusion is a more accurate measure than the traditional single-biomarker approach. Trends in Food Science and Technology, 2017, 69, 220-229.	15.1	32
78	Iberian cured-ham consumption improves endothelial function in healthy subjects. Journal of Nutrition, Health and Aging, 2017, 21, 1277-1283.	3.3	5
79	Lipids and physical function in older adults. Current Opinion in Clinical Nutrition and Metabolic Care, 2017, 20, 16-25.	2.5	3
80	Microbial metabolites are associated with a high adherence to a Mediterranean dietary pattern using a 1H-NMR-based untargeted metabolomics approach. Journal of Nutritional Biochemistry, 2017, 48, 36-43.	4.2	32
81	Combining traditional dietary assessment methods with novel metabolomics techniques: present efforts by the Food Biomarker Alliance. Proceedings of the Nutrition Society, 2017, 76, 619-627.	1.0	93
82	Nutrition for the ageing brain: Towards evidence for an optimal diet. Ageing Research Reviews, 2017, 35, 222-240.	10.9	161
83	A scheme for a flexible classification of dietary and health biomarkers. Genes and Nutrition, 2017, 12, 34.	2.5	76
84	Impact of Flavonols on Cardiometabolic Biomarkers: A Metaâ€Analysis of Randomized Controlled Human Trials to Explore the Role of Interâ€Individual Variability. Nutrients, 2017, 9, 117.	4.1	111
85	Metabolomicsâ€guided insights on bariatric surgery versus behavioral interventions for weight loss. Obesity, 2016, 24, 2451-2466.	3.0	45
86	Human hydroxytyrosol's absorption and excretion from a nutraceutical. Journal of Functional Foods, 2016, 23, 278-282.	3.4	32
87	Impact of chlorogenic acids from coffee on urine metabolome in healthy human subjects. Food Research International, 2016, 89, 1064-1070.	6.2	26
88	Association between both total baseline urinary and dietary polyphenols and substantial physical performance decline risk in older adults: A 9-year follow-up of the InCHIANTI study. Journal of Nutrition, Health and Aging, 2016, 20, 478-484.	3.3	20
89	Biomarkers of Morbid Obesity and Prediabetes by Metabolomic Profiling of Human Discordant Phenotypes. Clinica Chimica Acta, 2016, 463, 53-61.	1.1	71
90	Dietary Epicatechin Is Available to Breastfed Infants through Human Breast Milk in the Form of Host and Microbial Metabolites. Journal of Agricultural and Food Chemistry, 2016, 64, 5354-5360.	5.2	25

#	Article	IF	Citations
91	Clinical phenotype clustering in cardiovascular risk patients for the identification of responsive metabotypes after red wine polyphenol intake. Journal of Nutritional Biochemistry, 2016, 28, 114-120.	4.2	53
92	Systematic analysis of the polyphenol metabolome using the Phenolâ€Explorer database. Molecular Nutrition and Food Research, 2016, 60, 203-211.	3.3	67
93	Metabolomic Approaches in the Study of Wine Benefits in Human Health. , 2016, , 293-317.		1
94	Red wine polyphenols modulate fecal microbiota and reduce markers of the metabolic syndrome in obese patients. Food and Function, 2016, 7, 1775-1787.	4.6	262
95	DEVELOPMENT AND IMPLEMENTATION OF E-PORTFOLIOS FOR STUDENTS IN NUTRITION AND DIETETICS DEGREE DURING THEIR PRACTICUM. EDULEARN Proceedings, 2016, , .	0.0	0
96	Effect of Wine Consumption on Mortalityâ€”Reply. JAMA Internal Medicine, 2015, 175, 651.	5.1	0
97	Phenolic and microbialâ€targeted metabolomics to discovering and evaluating wine intake biomarkers in human urine and plasma. Electrophoresis, 2015, 36, 2259-2268.	2.4	26
98	Plasma metabolomic biomarkers of mixed nuts exposure inversely correlate with severity of metabolic syndrome. Molecular Nutrition and Food Research, 2015, 59, 2480-2490.	3.3	44
99	Metabolomic insights into the intricate gut microbialâ€“host interaction in the development of obesity and type 2 diabetes. Frontiers in Microbiology, 2015, 6, 1151.	3.5	108
100	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
101	Metabolomic Pattern Analysis after Mediterranean Diet Intervention in a Nondiabetic Population: A 1- and 3-Year Follow-up in the PREDIMED Study. Journal of Proteome Research, 2015, 14, 531-540.	3.7	101
102	AnÂNMR metabolomics approach revealsÂa combined-biomarkers model inÂa wineÂinterventional trial with validation in free-living individualsÂof the PREDIMED study. Metabolomics, 2015, 11, 797-806.	3.0	23
103	Nutrimetabolomics fingerprinting to identify biomarkers of bread exposure in a free-living population from the PREDIMED study cohort. Metabolomics, 2015, 11, 155-165.	3.0	37
104	Metabolomics for Biomarkers of Type 2 Diabetes Mellitus: Advances and Nutritional Intervention Trends. Current Cardiovascular Risk Reports, 2015, 9, 1.	2.0	21
105	The Relationship Between Urinary Total Polyphenols and the Frailty Phenotype in a Community-Dwelling Older Population: The InCHIANTI Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 1141-1147.	3.6	33
106	Metabolic fingerprint after acute and under sustained consumption of a functional beverage based on grape skin extract in healthy human subjects. Food and Function, 2015, 6, 1288-1298.	4.6	23
107	Association of habitual dietary resveratrol exposure with the development of frailty in older age: the Invecchiare in Chianti study. American Journal of Clinical Nutrition, 2015, 102, 1534-1542.	4.7	38
108	Low Levels of a Urinary Biomarker of Dietary Polyphenol Are Associated with Substantial Cognitive Decline over a 3â€Year Period in Older Adults: The Invecchiare in Chianti Study. Journal of the American Geriatrics Society, 2015, 63, 938-946.	2.6	53

#	Article	IF	Citations
109	Resveratrol metabolite profiling in clinical nutrition researchâ€"from diet to uncovering disease risk biomarkers: epidemiological evidence. Annals of the New York Academy of Sciences, 2015, 1348, 107-115.	3.8	11
110	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
111	Cocoa Polyphenols and Inflammatory Markers of Cardiovascular Disease. Nutrients, 2014, 6, 844-880.	4.1	102
112	Prediction of the wine polyphenol metabolic space: An application of the <scp>P</scp>henolâ€<scp>E</scp>xplorer database. Molecular Nutrition and Food Research, 2014, 58, 466-477.	3.3	22
113	Discovery of human urinary biomarkers of aroniaâ€citrus juice intake by <scp>HPLC</scp>â€qâ€<scp>TOF</scp>â€based metabolomic approach. Electrophoresis, 2014, 35, 1599-1606.	2.4	21
114	An R package to analyse LC/MS metabolomic data: MAIT (Metabolite Automatic Identification Toolkit). Bioinformatics, 2014, 30, 1937-1939.	4.1	62
115	The combination of resveratrol and conjugated linoleic acid attenuates the individual effects of these molecules on triacylglycerol metabolism in adipose tissue. European Journal of Nutrition, 2014, 53, 575-582.	3.9	12
116	Peak Aggregation as an Innovative Strategy for Improving the Predictive Power of LC-MS Metabolomic Profiles. Analytical Chemistry, 2014, 86, 2320-2325.	6.5	9
117	Resveratrol Levels and All-Cause Mortality in Older Community-Dwelling Adults. JAMA Internal Medicine, 2014, 174, 1077.	5.1	143
118	Resveratrol metabolic fingerprinting after acute and chronic intakes of a functional beverage in humans. Electrophoresis, 2014, 35, 1637-1643.	2.4	9
119	Novel Multimetabolite Prediction of Walnut Consumption by a Urinary Biomarker Model in a Free-Living Population: the PREDIMED Study. Journal of Proteome Research, 2014, 13, 3476-3483.	3.7	47
120	The food metabolome: a window over dietary exposure. American Journal of Clinical Nutrition, 2014, 99, 1286-1308.	4.7	411
121	High levels of Bifidobacteria are associated with increased levels of anthocyanin microbial metabolites: a randomized clinical trial. Food and Function, 2014, 5, 1932-1938.	4.6	116
122	Emerging Applications of Metabolomics to Polyphenols and CVD Biomarker Discovery. , 2014, , 1025-1044.		0
123	Intensity drift removal in LC/MS metabolomics by common variance compensation. Bioinformatics, 2014, 30, 2899-2905.	4.1	56
124	Urinary metabolomic fingerprinting after consumption of a probiotic strain in women with mastitis. Pharmacological Research, 2014, 87, 160-165.	7.1	35
125	Benefits of polyphenols on gut microbiota and implications in human health. Journal of Nutritional Biochemistry, 2013, 24, 1415-1422.	4.2	1,146
126	Resveratrol administration or SIRT1 overexpression does not increase LXR signaling and macrophage-to-feces reverse cholesterol transport inÂvivo. Translational Research, 2013, 161, 110-117.	5.0	8

#	Article	IF	Citations
127	Comparative Analysis of Sample Preparation Methods To Handle the Complexity of the Blood Fluid Metabolome: When Less Is More. Analytical Chemistry, 2013, 85, 341-348.	6.5	120
128	Cocoa consumption reduces NF-Î¹B activation in peripheral blood mononuclear cells in humans. Nutrition, Metabolism and Cardiovascular Diseases, 2013, 23, 257-263.	2.6	60
129	Comparative Study of Microbial-Derived Phenolic Metabolites in Human Feces after Intake of Gin, Red Wine, and Dealcoholized Red Wine. Journal of Agricultural and Food Chemistry, 2013, 61, 3909-3915.	5.2	67
130	Mediterranean diet and non enzymatic antioxidant capacity in the PREDIMED study: Evidence for a mechanism of antioxidant tuning. Nutrition, Metabolism and Cardiovascular Diseases, 2013, 23, 1167-1174.	2.6	90
131	Effects of red wine polyphenols and alcohol on glucose metabolism and the lipid profile: A randomized clinical trial. Clinical Nutrition, 2013, 32, 200-206.	5.0	178
132	Contribution of Bioactive Foods and Their Emerging Role in Immunomodulation, Inflammation, and Arthritis. , 2013, , 43-65.		5
133	Microbial Metabolomic Fingerprinting in Urine after Regular Dealcoholized Red Wine Consumption in Humans. Journal of Agricultural and Food Chemistry, 2013, 61, 9166-9175.	5.2	44
134	Effect of acute and chronic red wine consumption on lipopolysaccharide concentrations. American Journal of Clinical Nutrition, 2013, 97, 1053-1061.	4.7	71
135	High Concentrations of a Urinary Biomarker of Polyphenol Intake Are Associated with Decreased Mortality in Older Adults. Journal of Nutrition, 2013, 143, 1445-1450.	2.9	76
136	Metabolomic fingerprint in patients at high risk of cardiovascular disease by cocoa intervention. Molecular Nutrition and Food Research, 2013, 57, 962-973.	3.3	44
137	Differential effects of polyphenols and alcohol of red wine on the expression of adhesion molecules and inflammatory cytokines related to atherosclerosis: a randomized clinical trial. American Journal of Clinical Nutrition, 2012, 95, 326-334.	4.7	157
138	Reply to X Yang and Y Zhao. American Journal of Clinical Nutrition, 2012, 95, 1497-1498.	4.7	1
139	The Mediterranean Diet Pattern and Its Main Components Are Associated with Lower Plasma Concentrations of Tumor Necrosis Factor Receptor 60 in Patients at High Risk for Cardiovascular Disease. Journal of Nutrition, 2012, 142, 1019-1025.	2.9	86
140	Dealcoholized Red Wine Decreases Systolic and Diastolic Blood Pressure and Increases Plasma Nitric Oxide. Circulation Research, 2012, 111, 1065-1068.	4.5	117
141	Reply to Iqbal and Kazory. Circulation Research, 2012, 111, .	4.5	0
142	Endotoxin increase after fat overload is related to postprandial hypertriglyceridemia in morbidly obese patients. Journal of Lipid Research, 2012, 53, 973-978.	4.2	110
143	Phenol-Explorer 2.0: a major update of the Phenol-Explorer database integrating data on polyphenol metabolism and pharmacokinetics in humans and experimental animals. Database: the Journal of Biological Databases and Curation, 2012, 2012, bas031-bas031.	3.0	135
144	Pharmacokinetics of resveratrol metabolic profile in healthy humans after moderate consumption of red wine and grape extract tablets. Pharmacological Research, 2012, 66, 375-382.	7.1	145

#	Article	IF	Citations
145	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
146	Application of Dietary Phenolic Biomarkers in Epidemiology: Past, Present, and Future. Journal of Agricultural and Food Chemistry, 2012, 60, 6648-6657.	5.2	40
147	Effect of tomato industrial processing on phenolic profile and hydrophilic antioxidant capacity. LWT - Food Science and Technology, 2012, 47, 154-160.	5.2	41
148	¹Hâ€NMRâ€based metabolomic analysis of the effect of moderate wine consumption on subjects with cardiovascular risk factors. Electrophoresis, 2012, 33, 2345-2354.	2.4	56
149	Delipidating effect of resveratrol metabolites in 3<scp>T</scp>3â€<scp>L</scp>1 adipocytes. Molecular Nutrition and Food Research, 2012, 56, 1559-1568.	3.3	86
150	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
151	Polyphenols and Health: Current State and Progress. Journal of Agricultural and Food Chemistry, 2012, 60, 8773-8775.	5.2	159
152	Guest editorial â€“ Polyphenols and health (ICPH2011). Archives of Biochemistry and Biophysics, 2012, 527, 65-66.	3.0	0
153	Regular consumption of cocoa powder with milk increases HDL cholesterol and reduces oxidized LDL levels in subjects at high-risk of cardiovascular disease. Nutrition, Metabolism and Cardiovascular Diseases, 2012, 22, 1046-1053.	2.6	97
154	Virgin olive oil and nuts as key foods of the Mediterranean diet effects on inflammatory biomarkers related to atherosclerosis. Pharmacological Research, 2012, 65, 577-583.	7.1	190
155	High urinary levels of resveratrol metabolites are associated with a reduction in the prevalence of cardiovascular risk factors in high-risk patients. Pharmacological Research, 2012, 65, 615-620.	7.1	57
156	Influence of red wine polyphenols and ethanol on the gut microbiota ecology and biochemical biomarkers. American Journal of Clinical Nutrition, 2012, 95, 1323-1334.	4.7	540
157	Distribution of Resveratrol Metabolites in Liver, Adipose Tissue, and Skeletal Muscle in Rats Fed Different Doses of This Polyphenol. Journal of Agricultural and Food Chemistry, 2012, 60, 4833-4840.	5.2	80
158	Nutrimetabolomic Strategies To Develop New Biomarkers of Intake and Health Effects. Journal of Agricultural and Food Chemistry, 2012, 60, 8797-8808.	5.2	84
159	Oil matrix effects on plasma exposure and urinary excretion of phenolic compounds from tomato sauces: Evidence from a human pilot study. Food Chemistry, 2012, 130, 581-590.	8.2	49
160	A Fast Method Coupling Ultrahigh Performance Liquid Chromatography with Diode Array Detection for Flavonoid Quantification inCitrusFruit Extracts. Journal of Agricultural and Food Chemistry, 2011, 59, 6353-6359.	5.2	24
161	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
162	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

#	Article	IF	Citations
163	Comparison of 24-h volume and creatinine-corrected total urinary polyphenol as a biomarker of total dietary polyphenols in the Invecchiare InCHIANTI study. Analytica Chimica Acta, 2011, 704, 110-115.	5.4	63
164	Moderate consumption of red wine, but not gin, decreases erythrocyte superoxide dismutase activity: A randomised cross-over trialâ˜†. Nutrition, Metabolism and Cardiovascular Diseases, 2011, 21, 46-53.	2.6	114
165	Total polyphenol excretion and blood pressure in subjects at high cardiovascular risk. Nutrition, Metabolism and Cardiovascular Diseases, 2011, 21, 323-331.	2.6	68
166	Databases on Food Phytochemicals and Their Health-Promoting Effects. Journal of Agricultural and Food Chemistry, 2011, 59, 4331-4348.	5.2	183
167	Polyphenols and Human Health: A Prospectus. Critical Reviews in Food Science and Nutrition, 2011, 51, 524-546.	10.3	286
168	Changes in white adipose tissue metabolism induced by resveratrol in rats. Nutrition and Metabolism, 2011, 8, 29.	3.0	103
169	Changes in phenolic profile and antioxidant activity during production of diced tomatoes. Food Chemistry, 2011, 126, 1700-1707.	8.2	68
170	Determination of resveratrol and piceid in beer matrices by solid-phase extraction and liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2011, 1218, 698-705.	3.7	53
171	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
172	Dealcoholised beers reduce atherosclerosis and expression of adhesion molecules in apoE-deficient mice. British Journal of Nutrition, 2011, 105, 721-730.	2.3	16
173	Wanted: specific nutritional biomarkers for food consumption for the study of its protective role in health. British Journal of Nutrition, 2010, 103, 307-308.	2.3	8
174	Distribution of epicatechin metabolites in lymphoid tissues and testes of young rats with a cocoa-enriched diet. British Journal of Nutrition, 2010, 103, 1393-1397.	2.3	32
175	Estimation of Dietary Sources and Flavonoid Intake in a Spanish Adult Population (EPIC-Spain). Journal of the American Dietetic Association, 2010, 110, 390-398.	1.1	176
176	Methodological aspects for metabolome visualization and characterization. Journal of Pharmaceutical and Biomedical Analysis, 2010, 51, 373-381.	2.8	52
177	Matrix effects on the bioavailability of resveratrol in humans. Food Chemistry, 2010, 120, 1123-1130.	8.2	71
178	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
179	Targeted Analysis of Conjugated and Microbial-Derived Phenolic Metabolites in Human Urine After Consumption of an Almond Skin Phenolic Extract. Journal of Nutrition, 2010, 140, 1799-1807.	2.9	29
180	Effect of Milk on the Urinary Excretion of Microbial Phenolic Acids after Cocoa Powder Consumption in Humans. Journal of Agricultural and Food Chemistry, 2010, 58, 4706-4711.	5.2	59

#	Article	IF	Citations
181	Almond (Prunus dulcis (Mill.) D.A. Webb) polyphenols: From chemical characterization to targeted analysis of phenolic metabolites in humans. Archives of Biochemistry and Biophysics, 2010, 501, 124-133.	3.0	45
182	Metabolomics Study of Human Urinary Metabolome Modifications After Intake of Almond (<i>Prunus) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.7	103
183	Insights into the metabolism and microbial biotransformation of dietary flavan-3-ols and the bioactivity of their metabolites. Food and Function, 2010, 1, 233.	4.6	515
184	Resveratrol and Bioactive Flavonoids in Immune Function. , 2010, , 397-420.		2
185	Dihydroxylated phenolic acids derived from microbial metabolism reduce lipopolysaccharide-stimulated cytokine secretion by human peripheral blood mononuclear cells. British Journal of Nutrition, 2009, 102, 201-206.	2.3	132
186	Ω-3 Polyunsaturated Fatty Acids and Immune-Mediated Diseases: Inflammatory Bowel Disease and Rheumatoid Arthritis. Current Pharmaceutical Design, 2009, 15, 4135-4148.	1.9	72
187	Effect of cocoa powder on the modulation of inflammatory biomarkers in patients at high risk of cardiovascular disease. American Journal of Clinical Nutrition, 2009, 90, 1144-1150.	4.7	183
188	Resveratrol metabolites in urine as a biomarker of wine intake in free-living subjects: The PREDIMED Study. Free Radical Biology and Medicine, 2009, 46, 1562-1566.	2.9	90
189	Epicatechin, procyanidins, and phenolic microbial metabolites after cocoa intake in humans and rats. Analytical and Bioanalytical Chemistry, 2009, 394, 1545-1556.	3.7	192
190	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
191	Rapid Folinâ€“Ciocalteu method using microtiter 96-well plate cartridges for solid phase extraction to assess urinary total phenolic compounds, as a biomarker of total polyphenols intake. Analytica Chimica Acta, 2009, 634, 54-60.	5.4	158
192	Profile of Plasma and Urine Metabolites after the Intake of Almond [Prunus dulcis (Mill.) D.A. Webb] Polyphenols in Humans. Journal of Agricultural and Food Chemistry, 2009, 57, 10134-10142.	5.2	84
193	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
194	Normal distribution of urinary polyphenol excretion among Egyptian males 7â€“14 years old and changes following nutritional intervention with tomato juice (Lycopersiconesculentum). International Journal of Food Sciences and Nutrition, 2009, 60, 302-311.	2.8	11
195	Resveratrol, a new biomarker of moderate wine intake?. British Journal of Nutrition, 2009, 101, 148-148.	2.3	4
196	Phenolic profile in varietal white wines made in the Canary Islands. European Food Research and Technology, 2008, 226, 871-876.	3.3	14
197	Flavanol and Flavonol Contents of Cocoa Powder Products: Influence of the Manufacturing Process. Journal of Agricultural and Food Chemistry, 2008, 56, 3111-3117.	5.2	174
198	Dietary Antioxidants as Potential Pharmacological Agents for Ischemic Stroke. Current Medicinal Chemistry, 2008, 15, 1236-1248.	2.4	55

#	Article	IF	Citations
199	Absorption and pharmacokinetics of green tea catechins in beagles. British Journal of Nutrition, 2008, 100, 496-502.	2.3	25
200	Concentrations of resveratrol and derivatives in foods and estimation of dietary intake in a Spanish population: European Prospective Investigation into Cancer and Nutrition (EPIC)-Spain cohort. British Journal of Nutrition, 2008, 100, 188-196.	2.3	137
201	The effects of milk as a food matrix for polyphenols on the excretion profile of cocoa (Ââ˜Â)-epicatechin metabolites in healthy human subjects. British Journal of Nutrition, 2008, 100, 846-851.	2.3	84
202	HPLCâ€“Tandem Mass Spectrometric Method to Characterize Resveratrol Metabolism in Humans. Clinical Chemistry, 2007, 53, 292-299.	3.2	92
203	Low Plasma N-3 Fatty Acids and Dementia in Older Persons: The InCHIANTI Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2007, 62, 1120-1126.	3.6	94
204	Milk Does Not Affect the Bioavailability of Cocoa Powder Flavonoid in Healthy Human. Annals of Nutrition and Metabolism, 2007, 51, 493-498.	1.9	103
205	Inflammatory Markers of Atherosclerosis Are Decreased after Moderate Consumption of Cava (Sparkling Wine) in Men with Low Cardiovascular Risk ,. Journal of Nutrition, 2007, 137, 2279-2284.	2.9	75
206	Absorption and pharmacokinetics of grapefruit flavanones in beagles. British Journal of Nutrition, 2007, 98, 86-92.	2.3	43
207	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
208	Effect of Soil Type on Wines Produced fromVitisviniferaL. Cv. Grenache in Commercial Vineyards. Journal of Agricultural and Food Chemistry, 2007, 55, 779-786.	5.2	126
209	Human urine: Epicatechin metabolites and antioxidant activity after cocoa beverage intake. Free Radical Research, 2007, 41, 943-949.	3.3	29
210	Cocoa-Enriched Diet Enhances Antioxidant Enzyme Activity and Modulates Lymphocyte Composition in Thymus from Young Rats. Journal of Agricultural and Food Chemistry, 2007, 55, 6431-6438.	5.2	72
211	Determination of flavonoids in a Citrus fruit extract by LCâ€“DAD and LCâ€“MS. Food Chemistry, 2007, 101, 1742-1747.	8.2	99
212	Total Polyphenol Intake Estimated by a Modified Folinâ€“Ciocalteu Assay of Urine. Clinical Chemistry, 2006, 52, 749-752.	3.2	83
213	Relationship of Plasma Polyunsaturated Fatty Acids to Circulating Inflammatory Markers. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 439-446.	3.6	585
214	The origin of the ancient Egyptian drink Shedeh revealed using LC/MS/MS. Journal of Archaeological Science, 2006, 33, 98-101.	2.4	50
215	First evidence of white wine in ancient Egypt from Tutankhamun's tomb. Journal of Archaeological Science, 2006, 33, 1075-1080.	2.4	69
216	Markers of inflammation, Vitamin E and peripheral nervous system function. Neurobiology of Aging, 2006, 27, 1280-1288.	3.1	41

#	Article	IF	Citations
217	Diagnostic Performance of Urinary Resveratrol Metabolites as a Biomarker of Moderate Wine Consumption. Clinical Chemistry, 2006, 52, 1373-1380.	3.2	79
218	Effect of Theobroma cacao flavonoids on immune activation of a lymphoid cell line. British Journal of Nutrition, 2005, 93, 859-866.	2.3	54
219	Anthocyanins in aged blueberry-fed rats are found centrally and may enhance memory. Nutritional Neuroscience, 2005, 8, 111-120.	3.1	482
220	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
221	Vitamin E levels, cognitive impairment and dementia in older persons: the InCHIANTI study. Neurobiology of Aging, 2005, 26, 987-994.	3.1	84
222	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
223	Review: Health Effects of Cocoa Flavonoids. Food Science and Technology International, 2005, 11, 159-176.	2.2	136
224	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
225	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
226	Effects of fruits and vegetables on levels of vitamins E and C in the brain and their association with cognitive performance. Journal of Nutrition, Health and Aging, 2002, 6, 392-404.	3.3	44
227	Method for the Quantitative Extraction of Resveratrol and Piceid Isomers in Grape Berry Skins. Effect of Powdery Mildew on the Stilbene Content. Journal of Agricultural and Food Chemistry, 2001, 49, 210-215.	5.2	202
228	More Antioxidants in Cocoa. Journal of Nutrition, 2001, 131, 834-834.	2.9	33
229	High-performance liquid chromatographic determination of the riboflavin concentration in white wines for predicting their resistance to light. Journal of Chromatography A, 2000, 888, 121-127.	3.7	59
230	Spanish Sparkling Wines (Cavas) As Inhibitors of in Vitro Human Low-Density Lipoprotein Oxidation. Journal of Agricultural and Food Chemistry, 1999, 47, 2198-2202.	5.2	38
231	Determination of riboflavin, flavin mononucleotide and flavinâ€"adenine dinucleotide in wine and other beverages by high-performance liquid chromatography with fluorescence detection. Journal of Chromatography A, 1998, 823, 355-363.	3.7	84
232	Influence of Variety and Aging on Foaming Properties of Cava (Sparkling Wine). 2. Journal of Agricultural and Food Chemistry, 1998, 46, 1694-1694.	5.2	5
233	Influence of Variety and Aging on Foaming Properties of Cava (Sparkling Wine). 2. Journal of Agricultural and Food Chemistry, 1997, 45, 2520-2525.	5.2	69
234	Resveratrol and other phenolics in white wines from Spain. BioFactors, 1997, 6, 437-439.	5.4	0

#	Article	IF	Citations
235	Characteristics of Sparkling Base Wines Affecting Foam Behavior. Journal of Agricultural and Food Chemistry, 1996, 44, 989-995.	5.2	62
236	Influence of Variety and Aging on Foaming Properties of Sparkling Wine (Cava). 1. Journal of Agricultural and Food Chemistry, 1996, 44, 3826-3829.	5.2	46
237	Phenolics in White Free Run Juices and Wines from PenedÃ¨s by High-Performance Liquid Chromatography:Â Changes during Vinification. Journal of Agricultural and Food Chemistry, 1996, 44, 3040-3046.	5.2	124
238	Assessing Adherence to Healthy Dietary Habits Through the Urinary Food Metabolome: Results From a European Two-Center Study. Frontiers in Nutrition, 0, 9, .	3.7	5