

# Cristina Andres-Lacueva

## List of Publications by Citations

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229  
papers

14,202  
citations

70  
h-index

111  
g-index

248  
ext. papers

16,267  
ext. citations

5.5  
avg, IF

6.34  
L-index

#	Paper	IF	Citations
229	Benefits of polyphenols on gut microbiota and implications in human health. <i>Journal of Nutritional Biochemistry</i> , <b>2013</b> , 24, 1415-22	6.3	870
228	Relationship of plasma polyunsaturated fatty acids to circulating inflammatory markers. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2006</b> , 91, 439-46	5.6	515
227	Insights into the metabolism and microbial biotransformation of dietary flavan-3-ols and the bioactivity of their metabolites. <i>Food and Function</i> , <b>2010</b> , 1, 233-53	6.1	436
226	Influence of red wine polyphenols and ethanol on the gut microbiota ecology and biochemical biomarkers. <i>American Journal of Clinical Nutrition</i> , <b>2012</b> , 95, 1323-34	7	433
225	Anthocyanins in aged blueberry-fed rats are found centrally and may enhance memory. <i>Nutritional Neuroscience</i> , <b>2005</b> , 8, 111-20	3.6	420
224	The food metabolome: a window over dietary exposure. <i>American Journal of Clinical Nutrition</i> , <b>2014</b> , 99, 1286-308	7	335
223	Liquid chromatographic/electrospray ionization tandem mass spectrometric study of the phenolic composition of cocoa ( <i>Theobroma cacao</i> ). <i>Journal of Mass Spectrometry</i> , <b>2003</b> , 38, 35-42	2.2	325
222	Polyphenols and human health: a prospectus. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2011</b> , 51, 524-46	11.5	241
221	Red wine polyphenols modulate fecal microbiota and reduce markers of the metabolic syndrome in obese patients. <i>Food and Function</i> , <b>2016</b> , 7, 1775-87	6.1	182
220	Method for the quantitative extraction of resveratrol and piceid isomers in grape berry skins. Effect of powdery mildew on the stilbene content. <i>Journal of Agricultural and Food Chemistry</i> , <b>2001</b> , 49, 210-5	5.7	178
219	Epicatechin, procyanidins, and phenolic microbial metabolites after cocoa intake in humans and rats. <i>Analytical and Bioanalytical Chemistry</i> , <b>2009</b> , 394, 1545-56	4.4	176
218	Evaluation and comparison of bioinformatic tools for the enrichment analysis of metabolomics data. <i>BMC Bioinformatics</i> , <b>2018</b> , 19, 1	3.6	170
217	Effect of cocoa powder on the modulation of inflammatory biomarkers in patients at high risk of cardiovascular disease. <i>American Journal of Clinical Nutrition</i> , <b>2009</b> , 90, 1144-50	7	163
216	Flavanol and flavonol contents of cocoa powder products: influence of the manufacturing process. <i>Journal of Agricultural and Food Chemistry</i> , <b>2008</b> , 56, 3111-7	5.7	154
215	Virgin olive oil and nuts as key foods of the Mediterranean diet effects on inflammatory biomarkers related to atherosclerosis. <i>Pharmacological Research</i> , <b>2012</b> , 65, 577-83	10.2	151
214	Databases on food phytochemicals and their health-promoting effects. <i>Journal of Agricultural and Food Chemistry</i> , <b>2011</b> , 59, 4331-48	5.7	151
213	Estimation of dietary sources and flavonoid intake in a Spanish adult population (EPIC-Spain). <i>Journal of the American Dietetic Association</i> , <b>2010</b> , 110, 390-8		151

212	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> , <b>2009</b> , 1216, 7258-67	4.5	142
211	Systematic Review on Polyphenol Intake and Health Outcomes: Is there Sufficient Evidence to Define a Health-Promoting Polyphenol-Rich Dietary Pattern?. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	135
210	Effects of red wine polyphenols and alcohol on glucose metabolism and the lipid profile: a randomized clinical trial. <i>Clinical Nutrition</i> , <b>2013</b> , 32, 200-6	5.9	135
209	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> , <b>2010</b> , 24, 2986-92	2.2	134
208	Elevated circulating levels of succinate in human obesity are linked to specific gut microbiota. <i>ISME Journal</i> , <b>2018</b> , 12, 1642-1657	11.9	132
207	An LC-MS-based metabolomics approach for exploring urinary metabolome modifications after cocoa consumption. <i>Journal of Proteome Research</i> , <b>2009</b> , 8, 5060-8	5.6	129
206	Review: Health Effects of Cocoa Flavonoids. <i>Food Science and Technology International</i> , <b>2005</b> , 11, 159-176	6	127
205	Rapid Folin-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. <i>Analytica Chimica Acta</i> , <b>2009</b> , 634, 54-60	6.6	126
204	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. <i>American Journal of Clinical Nutrition</i> , <b>2012</b> , 95, 326-34	7	126
203	Polyphenols and health: current state and progress. <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 8773-5	5.7	125
202	Pharmacokinetics of resveratrol metabolic profile in healthy humans after moderate consumption of red wine and grape extract tablets. <i>Pharmacological Research</i> , <b>2012</b> , 66, 375-82	10.2	124
201	Nutrition for the ageing brain: Towards evidence for an optimal diet. <i>Ageing Research Reviews</i> , <b>2017</b> , 35, 222-240	12	120
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. <i>British Journal of Nutrition</i> , <b>2008</b> , 100, 188-96	3.6	119
199	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> , <b>2005</b> , 77, 3149-55	7.8	117
198	Phenolics in White Free Run Juices and Wines from Penedès by High-Performance Liquid Chromatography: Changes during Vinification. <i>Journal of Agricultural and Food Chemistry</i> , <b>1996</b> , 44, 3040-3046	5.7	112
197	Resveratrol levels and all-cause mortality in older community-dwelling adults. <i>JAMA Internal Medicine</i> , <b>2014</b> , 174, 1077-84	11.5	110
196	Dihydroxylated phenolic acids derived from microbial metabolism reduce lipopolysaccharide-stimulated cytokine secretion by human peripheral blood mononuclear cells. <i>British Journal of Nutrition</i> , <b>2009</b> , 102, 201-6	3.6	107
195	Nutrimetabolomics: An Integrative Action for Metabolomic Analyses in Human Nutritional Studies. <i>Molecular Nutrition and Food Research</i> , <b>2019</b> , 63, e1800384	5.9	107

194	Phenol-Explorer 2.0: a major update of the Phenol-Explorer database integrating data on polyphenol metabolism and pharmacokinetics in humans and experimental animals. <i>Database: the Journal of Biological Databases and Curation</i> , <b>2012</b> , 2012, bas031	5	105
193	Comparative analysis of sample preparation methods to handle the complexity of the blood fluid metabolome: when less is more. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 341-8	7.8	104
192	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> , <b>2004</b> , 76, 1672-7	7.8	99
191	Dealcoholized red wine decreases systolic and diastolic blood pressure and increases plasma nitric oxide: short communication. <i>Circulation Research</i> , <b>2012</b> , 111, 1065-8	15.7	98
190	Validation of biomarkers of food intake-critical assessment of candidate biomarkers. <i>Genes and Nutrition</i> , <b>2018</b> , 13, 14	4.3	98
189	Moderate consumption of red wine, but not gin, decreases erythrocyte superoxide dismutase activity: a randomised cross-over trial. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2011</b> , 21, 46-53 <sup>4.5</sup>	4.5	97
188	Metabolomics study of human urinary metabolome modifications after intake of almond ( <i>Prunus dulcis</i> (Mill.) D.A. Webb) skin polyphenols. <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 5859-67	5.6	94
187	Effect of soil type on wines produced from <i>Vitis vinifera</i> L. cv. Grenache in commercial vineyards. <i>Journal of Agricultural and Food Chemistry</i> , <b>2007</b> , 55, 779-86	5.7	94
186	Impact of Flavonols on Cardiometabolic Biomarkers: A Meta-Analysis of Randomized Controlled Human Trials to Explore the Role of Inter-Individual Variability. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	93
185	Changes in white adipose tissue metabolism induced by resveratrol in rats. <i>Nutrition and Metabolism</i> , <b>2011</b> , 8, 29	4.6	91
184	Milk does not affect the bioavailability of cocoa powder flavonoid in healthy human. <i>Annals of Nutrition and Metabolism</i> , <b>2007</b> , 51, 493-8	4.5	90
183	High levels of Bifidobacteria are associated with increased levels of anthocyanin microbial metabolites: a randomized clinical trial. <i>Food and Function</i> , <b>2014</b> , 5, 1932-8	6.1	88
182	Metabolomics unveils urinary changes in subjects with metabolic syndrome following 12-week nut consumption. <i>Journal of Proteome Research</i> , <b>2011</b> , 10, 5047-58	5.6	88
181	Endotoxin increase after fat overload is related to postprandial hypertriglyceridemia in morbidly obese patients. <i>Journal of Lipid Research</i> , <b>2012</b> , 53, 973-978	6.3	88
180	Regular consumption of cocoa powder with milk increases HDL cholesterol and reduces oxidized LDL levels in subjects at high-risk of cardiovascular disease. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2012</b> , 22, 1046-53	4.5	86
179	HPLC-tandem mass spectrometric method to characterize resveratrol metabolism in humans. <i>Clinical Chemistry</i> , <b>2007</b> , 53, 292-9	5.5	86
178	Metabolomic insights into the intricate gut microbial-host interaction in the development of obesity and type 2 diabetes. <i>Frontiers in Microbiology</i> , <b>2015</b> , 6, 1151	5.7	85
177	Phenolic profile and hydrophilic antioxidant capacity as chemotaxonomic markers of tomato varieties. <i>Journal of Agricultural and Food Chemistry</i> , <b>2011</b> , 59, 3994-4001	5.7	83

176	Resveratrol metabolites in urine as a biomarker of wine intake in free-living subjects: The PREDIMED Study. <i>Free Radical Biology and Medicine</i> , <b>2009</b> , 46, 1562-6	7.8	83
175	Cocoa polyphenols and inflammatory markers of cardiovascular disease. <i>Nutrients</i> , <b>2014</b> , 6, 844-80	6.7	82
174	Mediterranean diet and non enzymatic antioxidant capacity in the PREDIMED study: evidence for a mechanism of antioxidant tuning. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2013</b> , 23, 1167-74	4.5	80
173	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. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	77
172	Screening of the polyphenol content of tomato-based products through accurate-mass spectrometry (HPLC-ESI-QTOF). <i>Food Chemistry</i> , <b>2011</b> , 129, 877-83	8.5	77
171	Determination of flavonoids in a Citrus fruit extract by LCDAD and LCMS. <i>Food Chemistry</i> , <b>2007</b> , 101, 1742-1747	8.5	77
170	Metabolomic pattern analysis after mediterranean diet intervention in a nondiabetic population: a 1- and 3-year follow-up in the PREDIMED study. <i>Journal of Proteome Research</i> , <b>2015</b> , 14, 531-40	5.6	76
169	Nutrimetabolomic strategies to develop new biomarkers of intake and health effects. <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 8797-808	5.7	76
168	The effects of milk as a food matrix for polyphenols on the excretion profile of cocoa (-)-epicatechin metabolites in healthy human subjects. <i>British Journal of Nutrition</i> , <b>2008</b> , 100, 846-51	3.6	75
167	Vitamin E levels, cognitive impairment and dementia in older persons: the InCHIANTI study. <i>Neurobiology of Aging</i> , <b>2005</b> , 26, 987-94	5.6	75
166	Total polyphenol intake estimated by a modified Folin-Ciocalteu assay of urine. <i>Clinical Chemistry</i> , <b>2006</b> , 52, 749-52	5.5	75
165	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. <i>Clinical Nutrition</i> , <b>2018</b> , 37, 897-905	5.9	73
164	Profile of plasma and urine metabolites after the intake of almond [ <i>Prunus dulcis</i> (Mill.) D.A. Webb] polyphenols in humans. <i>Journal of Agricultural and Food Chemistry</i> , <b>2009</b> , 57, 10134-42	5.7	73
163	Diagnostic performance of urinary resveratrol metabolites as a biomarker of moderate wine consumption. <i>Clinical Chemistry</i> , <b>2006</b> , 52, 1373-80	5.5	73
162	Rapid liquid chromatography tandem mass spectrometry assay to quantify plasma (-)-epicatechin metabolites after ingestion of a standard portion of cocoa beverage in humans. <i>Journal of Agricultural and Food Chemistry</i> , <b>2005</b> , 53, 6190-4	5.7	73
161	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. <i>Journal of Nutrition</i> , <b>2012</b> , 142, 1019-25	4.1	72
160	Delipidating effect of resveratrol metabolites in 3T3-L1 adipocytes. <i>Molecular Nutrition and Food Research</i> , <b>2012</b> , 56, 1559-68	5.9	71
159	Determination of riboflavin, flavin mononucleotide and flavin-adenine dinucleotide in wine and other beverages by high-performance liquid chromatography with fluorescence detection. <i>Journal of Chromatography A</i> , <b>1998</b> , 823, 355-63	4.5	70

158	Low plasma N-3 fatty acids and dementia in older persons: the InCHIANTI study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2007</b> , 62, 1120-6	6.4	70
157	Distribution of resveratrol metabolites in liver, adipose tissue, and skeletal muscle in rats fed different doses of this polyphenol. <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 4833-40	5.7	67
156	Cocoa-enriched diet enhances antioxidant enzyme activity and modulates lymphocyte composition in thymus from young rats. <i>Journal of Agricultural and Food Chemistry</i> , <b>2007</b> , 55, 6431-8	5.7	66
155	Inflammatory markers of atherosclerosis are decreased after moderate consumption of cava (sparkling wine) in men with low cardiovascular risk. <i>Journal of Nutrition</i> , <b>2007</b> , 137, 2279-84	4.1	63
154	Combining traditional dietary assessment methods with novel metabolomics techniques: present efforts by the Food Biomarker Alliance. <i>Proceedings of the Nutrition Society</i> , <b>2017</b> , 76, 619-627	2.9	62
153	Comparative study of microbial-derived phenolic metabolites in human feces after intake of gin, red wine, and dealcoholized red wine. <i>Journal of Agricultural and Food Chemistry</i> , <b>2013</b> , 61, 3909-15	5.7	62
152	Changes in phenolic profile and antioxidant activity during production of diced tomatoes. <i>Food Chemistry</i> , <b>2011</b> , 126, 1700-7	8.5	62
151	High concentrations of a urinary biomarker of polyphenol intake are associated with decreased mortality in older adults. <i>Journal of Nutrition</i> , <b>2013</b> , 143, 1445-50	4.1	61
150	Matrix effects on the bioavailability of resveratrol in humans. <i>Food Chemistry</i> , <b>2010</b> , 120, 1123-1130	8.5	61
149	Influence of Variety and Aging on Foaming Properties of Cava (Sparkling Wine). 2. <i>Journal of Agricultural and Food Chemistry</i> , <b>1997</b> , 45, 2520-2525	5.7	61
148	Characteristics of Sparkling Base Wines Affecting Foam Behavior. <i>Journal of Agricultural and Food Chemistry</i> , <b>1996</b> , 44, 989-995	5.7	59
147	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> , <b>2012</b> , 60, 8930-40	5.7	58
146	Omega-3 polyunsaturated fatty acids and immune-mediated diseases: inflammatory bowel disease and rheumatoid arthritis. <i>Current Pharmaceutical Design</i> , <b>2009</b> , 15, 4135-48	3.3	57
145	Effect of acute and chronic red wine consumption on lipopolysaccharide concentrations. <i>American Journal of Clinical Nutrition</i> , <b>2013</b> , 97, 1053-61	7	56
144	Total polyphenol excretion and blood pressure in subjects at high cardiovascular risk. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2011</b> , 21, 323-31	4.5	56
143	An R package to analyse LC/MS metabolomic data: MAIT (Metabolite Automatic Identification Toolkit). <i>Bioinformatics</i> , <b>2014</b> , 30, 1937-9	7.2	55
142	Biomarkers of Morbid Obesity and Prediabetes by Metabolomic Profiling of Human Discordant Phenotypes. <i>Clinica Chimica Acta</i> , <b>2016</b> , 463, 53-61	6.2	55
141	Comparison of 24-h volume and creatinine-corrected total urinary polyphenol as a biomarker of total dietary polyphenols in the Invecchiare InCHIANTI study. <i>Analytica Chimica Acta</i> , <b>2011</b> , 704, 110-5	6.6	54

140	Systematic analysis of the polyphenol metabolome using the Phenol-Explorer database. <i>Molecular Nutrition and Food Research</i> , <b>2016</b> , 60, 203-11	5.9	53
139	Effect of milk on the urinary excretion of microbial phenolic acids after cocoa powder consumption in humans. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 4706-11	5.7	53
138	First evidence of white wine in ancient Egypt from Tutankhamun's tomb. <i>Journal of Archaeological Science</i> , <b>2006</b> , 33, 1075-1080	2.9	53
137	Effect of Theobroma cacao flavonoids on immune activation of a lymphoid cell line. <i>British Journal of Nutrition</i> , <b>2005</b> , 93, 859-66	3.6	51
136	(1)H-NMR-based metabolomic analysis of the effect of moderate wine consumption on subjects with cardiovascular risk factors. <i>Electrophoresis</i> , <b>2012</b> , 33, 2345-54	3.6	50
135	A scheme for a flexible classification of dietary and health biomarkers. <i>Genes and Nutrition</i> , <b>2017</b> , 12, 34	4.3	49
134	High urinary levels of resveratrol metabolites are associated with a reduction in the prevalence of cardiovascular risk factors in high-risk patients. <i>Pharmacological Research</i> , <b>2012</b> , 65, 615-20	10.2	49
133	Guidelines for Biomarker of Food Intake Reviews (BFIRev): how to conduct an extensive literature search for biomarker of food intake discovery. <i>Genes and Nutrition</i> , <b>2018</b> , 13, 3	4.3	47
132	Cocoa consumption reduces NF- $\kappa$ B activation in peripheral blood mononuclear cells in humans. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2013</b> , 23, 257-63	4.5	47
131	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> , <b>2012</b> , 1265, 105-13	4.5	47
130	Methodological aspects for metabolome visualization and characterization: a metabolomic evaluation of the 24 h evolution of human urine after cocoa powder consumption. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2010</b> , 51, 373-81	3.5	47
129	High-performance liquid chromatographic determination of the riboflavin concentration in white wines for predicting their resistance to light. <i>Journal of Chromatography A</i> , <b>2000</b> , 888, 121-7	4.5	47
128	Intensity drift removal in LC/MS metabolomics by common variance compensation. <i>Bioinformatics</i> , <b>2014</b> , 30, 2899-905	7.2	46
127	Dietary antioxidants as potential pharmacological agents for ischemic stroke. <i>Current Medicinal Chemistry</i> , <b>2008</b> , 15, 1236-48	4.3	46
126	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> , <b>2007</b> , 55, 8857-63	5.7	46
125	Low Levels of a Urinary Biomarker of Dietary Polyphenol Are Associated with Substantial Cognitive Decline over a 3-Year Period in Older Adults: The Invecchiare in Chianti Study. <i>Journal of the American Geriatrics Society</i> , <b>2015</b> , 63, 938-46	5.6	45
124	Clinical phenotype clustering in cardiovascular risk patients for the identification of responsive metabotypes after red wine polyphenol intake. <i>Journal of Nutritional Biochemistry</i> , <b>2016</b> , 28, 114-20	6.3	44
123	Novel multimetabolite prediction of walnut consumption by a urinary biomarker model in a free-living population: the PREDIMED study. <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 3476-83	5.6	44

122	Metabolomic fingerprint in patients at high risk of cardiovascular disease by cocoa intervention. <i>Molecular Nutrition and Food Research</i> , <b>2013</b> , 57, 962-73	5.9	43
121	Oil matrix effects on plasma exposure and urinary excretion of phenolic compounds from tomato sauces: Evidence from a human pilot study. <i>Food Chemistry</i> , <b>2012</b> , 130, 581-590	8.5	42
120	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> , <b>2015</b> , 59, 212-20	5.9	41
119	Influence of Variety and Aging on Foaming Properties of Sparkling Wine (Cava). 1. <i>Journal of Agricultural and Food Chemistry</i> , <b>1996</b> , 44, 3826-3829	5.7	41
118	Polyphenols and Intestinal Permeability: Rationale and Future Perspectives. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 1816-1829	5.7	41
117	Determination of resveratrol and piceid in beer matrices by solid-phase extraction and liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 698-705	4.5	39
116	Effects of fruits and vegetables on levels of vitamins E and C in the brain and their association with cognitive performance. <i>Journal of Nutrition, Health and Aging</i> , <b>2002</b> , 6, 392-404	5.2	39
115	Plasma metabolomic biomarkers of mixed nuts exposure inversely correlate with severity of metabolic syndrome. <i>Molecular Nutrition and Food Research</i> , <b>2015</b> , 59, 2480-90	5.9	38
114	The origin of the ancient Egyptian drink Shedeh revealed using LC/MS/MS. <i>Journal of Archaeological Science</i> , <b>2006</b> , 33, 98-101	2.9	37
113	The pleiotropic neuroprotective effects of resveratrol in cognitive decline and Alzheimer's disease pathology: From antioxidant to epigenetic therapy. <i>Ageing Research Reviews</i> , <b>2021</b> , 67, 101271	12	37
112	Metabolomics-guided insights on bariatric surgery versus behavioral interventions for weight loss. <i>Obesity</i> , <b>2016</b> , 24, 2451-2466	8	37
111	Microbial metabolomic fingerprinting in urine after regular dealcoholized red wine consumption in humans. <i>Journal of Agricultural and Food Chemistry</i> , <b>2013</b> , 61, 9166-75	5.7	36
110	Almond ( <i>Prunus dulcis</i> (Mill.) D.A. Webb) polyphenols: from chemical characterization to targeted analysis of phenolic metabolites in humans. <i>Archives of Biochemistry and Biophysics</i> , <b>2010</b> , 501, 124-33	4.1	36
109	Absorption and pharmacokinetics of grapefruit flavanones in beagles. <i>British Journal of Nutrition</i> , <b>2007</b> , 98, 86-92	3.6	36
108	Markers of inflammation, vitamin E and peripheral nervous system function: the InCHIANTI study. <i>Neurobiology of Aging</i> , <b>2006</b> , 27, 1280-8	5.6	35
107	Recommendations for standardizing nomenclature for dietary (poly)phenol catabolites. <i>American Journal of Clinical Nutrition</i> , <b>2020</b> , 112, 1051-1068	7	35
106	Application of dietary phenolic biomarkers in epidemiology: past, present, and future. <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 6648-57	5.7	34
105	Spanish sparkling wines (Cavas) as inhibitors of in vitro human low-density lipoprotein oxidation. <i>Journal of Agricultural and Food Chemistry</i> , <b>1999</b> , 47, 2198-202	5.7	34

104	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. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 1780-1789	5.7	34
103	Nutrimetabolomics fingerprinting to identify biomarkers of bread exposure in a free-living population from the PREDIMED study cohort. <i>Metabolomics</i> , <b>2015</b> , 11, 155-165	4.7	33
102	Non-targeted metabolomic biomarkers and metabotypes of type 2 diabetes: A cross-sectional study of PREDIMED trial participants. <i>Diabetes and Metabolism</i> , <b>2019</b> , 45, 167-174	5.4	33
101	Association of habitual dietary resveratrol exposure with the development of frailty in older age: the Invecchiare in Chianti study. <i>American Journal of Clinical Nutrition</i> , <b>2015</b> , 102, 1534-42	7	32
100	Biomarkers of intake for coffee, tea, and sweetened beverages. <i>Genes and Nutrition</i> , <b>2018</b> , 13, 15	4.3	31
99	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> , <b>2015</b> , 87, 2639-47	7.8	31
98	Effect of tomato industrial processing on phenolic profile and hydrophilic antioxidant capacity. <i>LWT - Food Science and Technology</i> , <b>2012</b> , 47, 154-160	5.4	31
97	Distribution of epicatechin metabolites in lymphoid tissues and testes of young rats with a cocoa-enriched diet. <i>British Journal of Nutrition</i> , <b>2010</b> , 103, 1393-7	3.6	29
96	Biomarkers of food intake for nuts and vegetable oils: an extensive literature search. <i>Genes and Nutrition</i> , <b>2019</b> , 14, 7	4.3	27
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