

Cristina Andres-Lacueva

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6460417/cristina-andres-lacueva-publications-by-year.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Apolipoprotein E and sex modulate fatty acid metabolism in a prospective observational study of cognitive decline.. <i>Alzheimer's Research and Therapy</i> , 2022 , 14, 1	9	3
228	Comparison of Flavonoid Intake Assessment Methods Using USDA and Phenol Explorer Databases: Subcohort Diet, Cancer and Health-Next Generations-MAX Study.. <i>Frontiers in Nutrition</i> , 2022 , 9, 873774	6.2	1
227	A polyphenol-rich diet increases the gut microbiota metabolite indole 3-propionic acid in older adults with preserved kidney function.. <i>Molecular Nutrition and Food Research</i> , 2022 , e2100349	5.9	0
226	Higher bacterial DNAemia can affect the impact of a polyphenol-rich dietary pattern on biomarkers of intestinal permeability and cardiovascular risk in older subjects. <i>European Journal of Nutrition</i> , 2021 , 1	5.2	0
225	Adherence to the Mediterranean diet assessed by a novel dietary biomarker score and mortality in older adults: the InCHIANTI cohort study. <i>BMC Medicine</i> , 2021 , 19, 280	11.4	2
224	Food and Microbiota Metabolites Associate with Cognitive Decline in Older Subjects: A 12-Year Prospective Study. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2100606	5.9	4
223	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. <i>EBioMedicine</i> , 2021 , 64, 103216	8.8	2
222	Visceral Adipose Tissue Phospholipid Signature of Insulin Sensitivity and Obesity. <i>Journal of Proteome Research</i> , 2021 , 20, 2410-2419	5.6	0
221	A polyphenol-rich dietary pattern improves intestinal permeability, evaluated as serum zonulin levels, in older subjects: The MaPLE randomised controlled trial. <i>Clinical Nutrition</i> , 2021 , 40, 3006-3018	5.9	20
220	Association between Food Intake, Clinical and Metabolic Markers and DNA Damage in Older Subjects. <i>Antioxidants</i> , 2021 , 10,	7.1	1
219	The pleiotropic neuroprotective effects of resveratrol in cognitive decline and Alzheimer's disease pathology: From antioxidant to epigenetic therapy. <i>Ageing Research Reviews</i> , 2021 , 67, 101271	12	37
218	Bacterial DNAemia is associated with serum zonulin levels in older subjects. <i>Scientific Reports</i> , 2021 , 11, 11054	4.9	5
217	POMAShiny: A user-friendly web-based workflow for metabolomics and proteomics data analysis. <i>PLoS Computational Biology</i> , 2021 , 17, e1009148	5	3
216	The 3-Year Effect of the Mediterranean Diet Intervention on Inflammatory Biomarkers Related to Cardiovascular Disease. <i>Biomedicine</i> , 2021 , 9,	4.8	3
215	Total urinary polyphenols and longitudinal changes of bone properties. The InCHIANTI study. <i>Osteoporosis International</i> , 2021 , 32, 353-362	5.3	0
214	Data sharing in PredRet for accurate prediction of retention time: Application to plant food bioactive compounds. <i>Food Chemistry</i> , 2021 , 357, 129757	8.5	1
213	Crosstalk among intestinal barrier, gut microbiota and serum metabolome after a polyphenol-rich diet in older subjects with "leaky gut": The MaPLE trial. <i>Clinical Nutrition</i> , 2021 , 40, 5288-5297	5.9	4

212	A healthy eating score is inversely associated with depression in older adults: results from the Chilean National Health Survey 2016-2017.. <i>Public Health Nutrition</i> , 2021 , 1-12	3.3	0
211	Intestinal permeability modulation through a polyphenol-rich dietary pattern in older subjects: MaPLE project outcomes and perspectives. <i>Proceedings of the Nutrition Society</i> , 2020 , 79,	2.9	1
210	Discovery of Intake Biomarkers of Lentils, Chickpeas, and White Beans by Untargeted LC-MS Metabolomics in Serum and Urine. <i>Molecular Nutrition and Food Research</i> , 2020 , 64, e1901137	5.9	9
209	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	5.5	18
208	Different alterations of glomerular filtration rate and their association with uric acid in children and adolescents with type 1 diabetes or with overweight/obesity. <i>Pediatric Diabetes</i> , 2020 , 21, 657-663	3.6	2
207	FOBI: an ontology to represent food intake data and associate it with metabolomic data. <i>Database: the Journal of Biological Databases and Curation</i> , 2020 , 2020,	5	18
206	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. <i>BMC Geriatrics</i> , 2020 , 20, 77	4.1	21
205	Association of glomerular hyperfiltration with serum chemokine levels and metabolic features in prepubertal children with overweight/obesity. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020 , 30, 1188-1195	4.5	0
204	Habitual Nut Exposure, Assessed by Dietary and Multiple Urinary Metabolomic Markers, and Cognitive Decline in Older Adults: The InCHIANTI Study. <i>Molecular Nutrition and Food Research</i> , 2020 , 64, e1900532	5.9	14
203	Perspective: Metabotyping-A Potential Personalized Nutrition Strategy for Precision Prevention of Cardiometabolic Disease. <i>Advances in Nutrition</i> , 2020 , 11, 524-532	10	22
202	Increased Intestinal Permeability in Older Subjects Impacts the Beneficial Effects of Dietary Polyphenols by Modulating Their Bioavailability. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 12476-12484	5.7	15
201	Phytochemicals in Legumes: A Qualitative Reviewed Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 13486-13496	5.7	6
200	Reply to the letter to the editor: Lifestyle interventions on weight loss among metabolically healthy obese women. <i>Clinical Nutrition</i> , 2020 , 39, 2933-2934	5.9	
199	Caffeine Compromises Proliferation of Human Hippocampal Progenitor Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 806	5.7	3
198	Dietary Squalene Induces Cytochromes Cyp2b10 and Cyp2c55 Independently of Sex, Dose, and Diet in Several Mouse Models. <i>Molecular Nutrition and Food Research</i> , 2020 , 64, e2000354	5.9	3
197	Characterization of the Human Exposome by a Comprehensive and Quantitative Large-Scale Multianalyte Metabolomics Platform. <i>Analytical Chemistry</i> , 2020 , 92, 13767-13775	7.8	13
196	Recommendations for standardizing nomenclature for dietary (poly)phenol catabolites. <i>American Journal of Clinical Nutrition</i> , 2020 , 112, 1051-1068	7	35
195	Wholegrain Consumption and Risk Factors for Cardiorenal Metabolic Diseases in Chile: A Cross-Sectional Analysis of 2016-2017 Health National Survey. <i>Nutrients</i> , 2020 , 12,	6.7	3

194	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. <i>Nutrients</i> , 2020 , 12,	6.7	5
193	Effects of a long-term lifestyle intervention on metabolically healthy women with obesity: Metabolite profiles according to weight loss response. <i>Clinical Nutrition</i> , 2020 , 39, 215-224	5.9	12
192	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	5.7	22
191	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> , 2020 , 68, 1780-1789	5.7	34
190	Polyphenols and Intestinal Permeability: Rationale and Future Perspectives. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 1816-1829	5.7	41
189	A Broader View on Omics and Systems Biology 2020 , 89-97		
188	Comparative metabolite fingerprinting of legumes using LC-MS-based untargeted metabolomics. <i>Food Research International</i> , 2019 , 126, 108666	7	23
187	Systematic Review on Polyphenol Intake and Health Outcomes: Is there Sufficient Evidence to Define a Health-Promoting Polyphenol-Rich Dietary Pattern?. <i>Nutrients</i> , 2019 , 11,	6.7	135
186	Diet-Related Metabolites Associated with Cognitive Decline Revealed by Untargeted Metabolomics in a Prospective Cohort. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1900177	5.9	20
185	Role of a Polyphenol-Rich Dietary Pattern in the Modulation of Intestinal Permeability in Older Subjects: The MaPLE Study. <i>Proceedings (mdpi)</i> , 2019 , 11, 8	0.3	1
184	Role of Theobromine in Cocoa [®] Metabolic Properties in Healthy Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 3605-3614	5.7	10
183	Biomarkers of food intake for nuts and vegetable oils: an extensive literature search. <i>Genes and Nutrition</i> , 2019 , 14, 7	4.3	27
182	Impact of Foods and Dietary Supplements Containing Hydroxycinnamic Acids on Cardiometabolic Biomarkers: A Systematic Review to Explore Inter-Individual Variability. <i>Nutrients</i> , 2019 , 11,	6.7	17
181	Nutrimetabolomics: An Integrative Action for Metabolomic Analyses in Human Nutritional Studies. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1800384	5.9	107
180	Metabolic Signature of a Functional High-Catechin Tea after Acute and Sustained Consumption in Healthy Volunteers through H NMR Based Metabolomics Analysis of Urine. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 3118-3124	5.7	6
179	Non-targeted metabolomic biomarkers and metabolotypes of type 2 diabetes: A cross-sectional study of PREDIMED trial participants. <i>Diabetes and Metabolism</i> , 2019 , 45, 167-174	5.4	33
178	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> , 2018 , 13, 3	4.3	47
177	Evaluation and comparison of bioinformatic tools for the enrichment analysis of metabolomics data. <i>BMC Bioinformatics</i> , 2018 , 19, 1	3.6	170

176	Elevated circulating levels of succinate in human obesity are linked to specific gut microbiota. <i>ISME Journal</i> , 2018 , 12, 1642-1657	11.9	132
175	Food Intake Biomarkers for Increasing the Efficiency of Dietary Pattern Assessment through the Use of Metabolomics: Unforeseen Research Requirements for Addressing Current Gaps. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 5-7	5.7	10
174	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> , 2018 , 37, 897-905	5.9	73
173	Biomarkers of intake for coffee, tea, and sweetened beverages. <i>Genes and Nutrition</i> , 2018 , 13, 15	4.3	31
172	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> , 2018 , 19,	6.3	77
171	Metabotypes of response to bariatric surgery independent of the magnitude of weight loss. <i>PLoS ONE</i> , 2018 , 13, e0198214	3.7	10
170	Interlaboratory Coverage Test on Plant Food Bioactive Compounds and their Metabolites by Mass Spectrometry-Based Untargeted Metabolomics. <i>Metabolites</i> , 2018 , 8,	5.6	17
169	Impact in Plasma Metabolome as Effect of Lifestyle Intervention for Weight-Loss Reveals Metabolic Benefits in Metabolically Healthy Obese Women. <i>Journal of Proteome Research</i> , 2018 , 17, 2600-2610	5.6	10
168	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	5.6	14
167	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	5.6	9
166	Validation of biomarkers of food intake-critical assessment of candidate biomarkers. <i>Genes and Nutrition</i> , 2018 , 13, 14	4.3	98
165	Biomarker of food intake for assessing the consumption of dairy and egg products. <i>Genes and Nutrition</i> , 2018 , 13, 26	4.3	25
164	Biomarkers of legume intake in human intervention and observational studies: a systematic review. <i>Genes and Nutrition</i> , 2018 , 13, 25	4.3	19
163	Untargeted H 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. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 6997-7005	5.7	18
162	Urinary H Nuclear Magnetic Resonance Metabolomic Fingerprinting Reveals Biomarkers of Pulse Consumption Related to Energy-Metabolism Modulation in a Subcohort from the PREDIMED study. <i>Journal of Proteome Research</i> , 2017 , 16, 1483-1491	5.6	12
161	Novel strategies for improving dietary exposure assessment: Multiple-data fusion is a more accurate measure than the traditional single-biomarker approach. <i>Trends in Food Science and Technology</i> , 2017 , 69, 220-229	15.3	24
160	Iberian Cured-Ham Consumption Improves Endothelial Function in Healthy Subjects. <i>Journal of Nutrition, Health and Aging</i> , 2017 , 21, 1277-1283	5.2	3
159	Lipids and physical function in older adults. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2017 , 20, 16-25	3.8	2

158	Microbial metabolites are associated with a high adherence to a Mediterranean dietary pattern using a H-NMR-based untargeted metabolomics approach. <i>Journal of Nutritional Biochemistry</i> , 2017 , 48, 36-43	6.3	17
157	A scheme for a flexible classification of dietary and health biomarkers. <i>Genes and Nutrition</i> , 2017 , 12, 34	4.3	49
156	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> , 2017 , 9,	6.7	93
155	Combining traditional dietary assessment methods with novel metabolomics techniques: present efforts by the Food Biomarker Alliance. <i>Proceedings of the Nutrition Society</i> , 2017 , 76, 619-627	2.9	62
154	Nutrition for the ageing brain: Towards evidence for an optimal diet. <i>Ageing Research Reviews</i> , 2017 , 35, 222-240	12	120
153	Dietary Epicatechin Is Available to Breastfed Infants through Human Breast Milk in the Form of Host and Microbial Metabolites. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 5354-60	5.7	21
152	Clinical phenotype clustering in cardiovascular risk patients for the identification of responsive metabolotypes after red wine polyphenol intake. <i>Journal of Nutritional Biochemistry</i> , 2016 , 28, 114-20	6.3	44
151	Systematic analysis of the polyphenol metabolome using the Phenol-Explorer database. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 203-11	5.9	53
150	Metabolomic Approaches in the Study of Wine Benefits in Human Health 2016 , 293-317		0
149	Red wine polyphenols modulate fecal microbiota and reduce markers of the metabolic syndrome in obese patients. <i>Food and Function</i> , 2016 , 7, 1775-87	6.1	182
148	Metabolomics-guided insights on bariatric surgery versus behavioral interventions for weight loss. <i>Obesity</i> , 2016 , 24, 2451-2466	8	37
147	Human hydroxytyrosol absorption and excretion from a nutraceutical. <i>Journal of Functional Foods</i> , 2016 , 23, 278-282	5.1	24
146	Impact of chlorogenic acids from coffee on urine metabolome in healthy human subjects. <i>Food Research International</i> , 2016 , 89, 1064-1070	7	20
145	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. <i>Journal of Nutrition, Health and Aging</i> , 2016 , 20, 478-85	5.2	17
144	Biomarkers of Morbid Obesity and Prediabetes by Metabolomic Profiling of Human Discordant Phenotypes. <i>Clinica Chimica Acta</i> , 2016 , 463, 53-61	6.2	55
143	Nutrimetabolomics fingerprinting to identify biomarkers of bread exposure in a free-living population from the PREDIMED study cohort. <i>Metabolomics</i> , 2015 , 11, 155-165	4.7	33
142	Metabolomics for Biomarkers of Type 2 Diabetes Mellitus: Advances and Nutritional Intervention Trends. <i>Current Cardiovascular Risk Reports</i> , 2015 , 9, 1	0.9	17
141	The Relationship Between Urinary Total Polyphenols and the Frailty Phenotype in a Community-Dwelling Older Population: The InCHIANTI Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015 , 70, 1141-7	6.4	22

140	Metabolic fingerprint after acute and under sustained consumption of a functional beverage based on grape skin extract in healthy human subjects. <i>Food and Function</i> , 2015 , 6, 1288-98	6.1	22
139	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> , 2015 , 102, 1534-42	7	32
138	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> , 2015 , 63, 938-46	5.6	45
137	Resveratrol metabolite profiling in clinical nutrition research--from diet to uncovering disease risk biomarkers: epidemiological evidence. <i>Annals of the New York Academy of Sciences</i> , 2015 , 1348, 107-15	6.5	8
136	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, 212-20	5.9	41
135	Effect of wine consumption on mortality--reply. <i>JAMA Internal Medicine</i> , 2015 , 175, 651	11.5	
134	Phenolic and microbial-targeted metabolomics to discovering and evaluating wine intake biomarkers in human urine and plasma. <i>Electrophoresis</i> , 2015 , 36, 2259-2268	3.6	23
133	Plasma metabolomic biomarkers of mixed nuts exposure inversely correlate with severity of metabolic syndrome. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 2480-90	5.9	38
132	Metabolomic insights into the intricate gut microbial-host interaction in the development of obesity and type 2 diabetes. <i>Frontiers in Microbiology</i> , 2015 , 6, 1151	5.7	85
131	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, 2639-47	7.8	31
130	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> , 2015 , 14, 531-40	5.6	76
129	An NMR metabolomics approach reveals a combined-biomarkers model in a wine interventional trial with validation in free-living individuals of the PREDIMED study. <i>Metabolomics</i> , 2015 , 11, 797-806	4.7	21
128	Peak aggregation as an innovative strategy for improving the predictive power of LC-MS metabolomic profiles. <i>Analytical Chemistry</i> , 2014 , 86, 2320-5	7.8	8
127	Resveratrol levels and all-cause mortality in older community-dwelling adults. <i>JAMA Internal Medicine</i> , 2014 , 174, 1077-84	11.5	110
126	Resveratrol metabolic fingerprinting after acute and chronic intakes of a functional beverage in humans. <i>Electrophoresis</i> , 2014 , 35, 1637-43	3.6	9
125	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> , 2014 , 13, 3476-83	5.6	44
124	The food metabolome: a window over dietary exposure. <i>American Journal of Clinical Nutrition</i> , 2014 , 99, 1286-308	7	335
123	High levels of Bifidobacteria are associated with increased levels of anthocyanin microbial metabolites: a randomized clinical trial. <i>Food and Function</i> , 2014 , 5, 1932-8	6.1	88

122 Emerging Applications of Metabolomics to Polyphenols and CVD Biomarker Discovery **2014**, 1025-1044

121 Intensity drift removal in LC/MS metabolomics by common variance compensation. *Bioinformatics*, **2014**, 30, 2899-905 7.2 46

120 Urinary metabolomic fingerprinting after consumption of a probiotic strain in women with mastitis. *Pharmacological Research*, **2014**, 87, 160-5 10.2 25

119 Cocoa polyphenols and inflammatory markers of cardiovascular disease. *Nutrients*, **2014**, 6, 844-80 6.7 82

118 Prediction of the wine polyphenol metabolic space: an application of the Phenol-Explorer database. *Molecular Nutrition and Food Research*, **2014**, 58, 466-77 5.9 22

117 Discovery of human urinary biomarkers of aronia-citrus juice intake by HPLC-q-TOF-based metabolomic approach. *Electrophoresis*, **2014**, 35, 1599-606 3.6 18

116 An R package to analyse LC/MS metabolomic data: MAIT (Metabolite Automatic Identification Toolkit). *Bioinformatics*, **2014**, 30, 1937-9 7.2 55

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, 575-82 5.2 12

114 Benefits of polyphenols on gut microbiota and implications in human health. *Journal of Nutritional Biochemistry*, **2013**, 24, 1415-22 6.3 870

113 Resveratrol administration or SIRT1 overexpression does not increase LXR signaling and macrophage-to-feces reverse cholesterol transport in vivo. *Translational Research*, **2013**, 161, 110-7 11 7

112 Comparative analysis of sample preparation methods to handle the complexity of the blood fluid metabolome: when less is more. *Analytical Chemistry*, **2013**, 85, 341-8 7.8 104

111 Cocoa consumption reduces NF- κ B activation in peripheral blood mononuclear cells in humans. *Nutrition, Metabolism and Cardiovascular Diseases*, **2013**, 23, 257-63 4.5 47

110 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, 3909-15 5.7 62

109 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, 1167-74 4.5 80

108 Effects of red wine polyphenols and alcohol on glucose metabolism and the lipid profile: a randomized clinical trial. *Clinical Nutrition*, **2013**, 32, 200-6 5.9 135

107 Contribution of Bioactive Foods and Their Emerging Role in Immunomodulation, Inflammation, and Arthritis **2013**, 43-65 2

106 Microbial metabolomic fingerprinting in urine after regular dealcoholized red wine consumption in humans. *Journal of Agricultural and Food Chemistry*, **2013**, 61, 9166-75 5.7 36

105 Effect of acute and chronic red wine consumption on lipopolysaccharide concentrations. *American Journal of Clinical Nutrition*, **2013**, 97, 1053-61 7 56

104	High concentrations of a urinary biomarker of polyphenol intake are associated with decreased mortality in older adults. <i>Journal of Nutrition</i> , 2013 , 143, 1445-50	4.1	61
103	Metabolomic fingerprint in patients at high risk of cardiovascular disease by cocoa intervention. <i>Molecular Nutrition and Food Research</i> , 2013 , 57, 962-73	5.9	43
102	Pharmacokinetics of resveratrol metabolic profile in healthy humans after moderate consumption of red wine and grape extract tablets. <i>Pharmacological Research</i> , 2012 , 66, 375-82	10.2	124
101	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, 105-13	4.5	47
100	Application of dietary phenolic biomarkers in epidemiology: past, present, and future. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 6648-57	5.7	34
99	Effect of tomato industrial processing on phenolic profile and hydrophilic antioxidant capacity. <i>LWT - Food Science and Technology</i> , 2012 , 47, 154-160	5.4	31
98	(1)H-NMR-based metabolomic analysis of the effect of moderate wine consumption on subjects with cardiovascular risk factors. <i>Electrophoresis</i> , 2012 , 33, 2345-54	3.6	50
97	Delipidating effect of resveratrol metabolites in 3T3-L1 adipocytes. <i>Molecular Nutrition and Food Research</i> , 2012 , 56, 1559-68	5.9	71
96	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, 8930-40	5.7	58
95	Polyphenols and health: current state and progress. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 8773-5	5.7	125
94	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> , 2012 , 22, 1046-53	4.5	86
93	Virgin olive oil and nuts as key foods of the Mediterranean diet effects on inflammatory biomarkers related to atherosclerosis. <i>Pharmacological Research</i> , 2012 , 65, 577-83	10.2	151
92	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> , 2012 , 65, 615-20	10.2	49
91	Influence of red wine polyphenols and ethanol on the gut microbiota ecology and biochemical biomarkers. <i>American Journal of Clinical Nutrition</i> , 2012 , 95, 1323-34	7	433
90	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> , 2012 , 60, 4833-40	5.7	67
89	Nutrimetabolomic strategies to develop new biomarkers of intake and health effects. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 8797-808	5.7	76
88	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> , 2012 , 130, 581-590	8.5	42
87	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> , 2012 , 95, 326-34	7	126

86	Reply to X Yang and Y Zhao. <i>American Journal of Clinical Nutrition</i> , 2012 , 95, 1497-1498	7	1
85	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> , 2012 , 142, 1019-25	4.1	72
84	Dealcoholized red wine decreases systolic and diastolic blood pressure and increases plasma nitric oxide: short communication. <i>Circulation Research</i> , 2012 , 111, 1065-8	15.7	98
83	Endotoxin increase after fat overload is related to postprandial hypertriglyceridemia in morbidly obese patients. <i>Journal of Lipid Research</i> , 2012 , 53, 973-978	6.3	88
82	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> , 2012 , 2012, bas031	5	105
81	Phenolic profile and hydrophilic antioxidant capacity as chemotaxonomic markers of tomato varieties. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 3994-4001	5.7	83
80	Metabolomics unveils urinary changes in subjects with metabolic syndrome following 12-week nut consumption. <i>Journal of Proteome Research</i> , 2011 , 10, 5047-58	5.6	88
79	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> , 2011 , 704, 110-5	6.6	54
78	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> , 2011 , 21, 46-53 ^{4.5}		97
77	Total polyphenol excretion and blood pressure in subjects at high cardiovascular risk. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2011 , 21, 323-31	4.5	56
76	Databases on food phytochemicals and their health-promoting effects. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 4331-48	5.7	151
75	Polyphenols and human health: a prospectus. <i>Critical Reviews in Food Science and Nutrition</i> , 2011 , 51, 524-46	11.5	241
74	Changes in white adipose tissue metabolism induced by resveratrol in rats. <i>Nutrition and Metabolism</i> , 2011 , 8, 29	4.6	91
73	Changes in phenolic profile and antioxidant activity during production of diced tomatoes. <i>Food Chemistry</i> , 2011 , 126, 1700-7	8.5	62
72	Determination of resveratrol and piceid in beer matrices by solid-phase extraction and liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2011 , 1218, 698-705	4.5	39
71	A fast method coupling ultrahigh performance liquid chromatography with diode array detection for flavonoid quantification in citrus fruit extracts. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 6353-9	5.7	21
70	Screening of the polyphenol content of tomato-based products through accurate-mass spectrometry (HPLC-ESI-QTOF). <i>Food Chemistry</i> , 2011 , 129, 877-83	8.5	77
69	Dealcoholised beers reduce atherosclerosis and expression of adhesion molecules in apoE-deficient mice. <i>British Journal of Nutrition</i> , 2011 , 105, 721-30	3.6	12

68	Targeted analysis of conjugated and microbial-derived phenolic metabolites in human urine after consumption of an almond skin phenolic extract. <i>Journal of Nutrition</i> , 2010 , 140, 1799-807	4.1	20
67	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> , 2010 , 58, 4706-11	5.7	53
66	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> , 2010 , 501, 124-33	4.1	36
65	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> , 2010 , 9, 5859-67	5.6	94
64	Insights into the metabolism and microbial biotransformation of dietary flavan-3-ols and the bioactivity of their metabolites. <i>Food and Function</i> , 2010 , 1, 233-53	6.1	436
63	Polyphenols as Biomarkers in Nutrition Research: Resveratrol Metabolome a Useful Nutritional Marker of Moderate Wine Consumption 2010 , 255-268		
62	Wanted: specific nutritional biomarkers for food consumption for the study of its protective role in health. <i>British Journal of Nutrition</i> , 2010 , 103, 307-8	3.6	6
61	Distribution of epicatechin metabolites in lymphoid tissues and testes of young rats with a cocoa-enriched diet. <i>British Journal of Nutrition</i> , 2010 , 103, 1393-7	3.6	29
60	Estimation of dietary sources and flavonoid intake in a Spanish adult population (EPIC-Spain). <i>Journal of the American Dietetic Association</i> , 2010 , 110, 390-8		151
59	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> , 2010 , 51, 373-81	3.5	47
58	Matrix effects on the bioavailability of resveratrol in humans. <i>Food Chemistry</i> , 2010 , 120, 1123-1130	8.5	61
57	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, 2224-22	2.2	134
56	Resveratrol and Bioactive Flavonoids in Immune Function 2010 , 397-420		2
55	Dihydroxylated phenolic acids derived from microbial metabolism reduce lipopolysaccharide-stimulated cytokine secretion by human peripheral blood mononuclear cells. <i>British Journal of Nutrition</i> , 2009 , 102, 201-6	3.6	107
54	Omega-3 polyunsaturated fatty acids and immune-mediated diseases: inflammatory bowel disease and rheumatoid arthritis. <i>Current Pharmaceutical Design</i> , 2009 , 15, 4135-48	3.3	57
53	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> , 2009 , 90, 1144-50	7	163
52	Resveratrol metabolites in urine as a biomarker of wine intake in free-living subjects: The PREDIMED Study. <i>Free Radical Biology and Medicine</i> , 2009 , 46, 1562-6	7.8	83
51	Epicatechin, procyanidins, and phenolic microbial metabolites after cocoa intake in humans and rats. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 394, 1545-56	4.4	176

50	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, 7258-67	4.5	142
49	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> , 2009 , 634, 54-60	6.6	126
48	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> , 2009 , 57, 10134-42	5.7	73
47	An LC-MS-based metabolomics approach for exploring urinary metabolome modifications after cocoa consumption. <i>Journal of Proteome Research</i> , 2009 , 8, 5060-8	5.6	129
46	Normal distribution of urinary polyphenol excretion among Egyptian males 7-14 years old and changes following nutritional intervention with tomato juice (<i>Lycopersicon esculentum</i>). <i>International Journal of Food Sciences and Nutrition</i> , 2009 , 60, 302-11	3.7	7
45	Resveratrol, a new biomarker of moderate wine intake?. <i>British Journal of Nutrition</i> , 2009 , 101, 148	3.6	4
44	Flavanol and flavonol contents of cocoa powder products: influence of the manufacturing process. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 3111-7	5.7	154
43	Dietary antioxidants as potential pharmacological agents for ischemic stroke. <i>Current Medicinal Chemistry</i> , 2008 , 15, 1236-48	4.3	46
42	Absorption and pharmacokinetics of green tea catechins in beagles. <i>British Journal of Nutrition</i> , 2008 , 100, 496-502	3.6	21
41	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> , 2008 , 100, 188-96	3.6	119
40	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> , 2008 , 100, 846-51	3.6	75
39	Phenolic profile in varietal white wines made in the Canary Islands. <i>European Food Research and Technology</i> , 2008 , 226, 871-876	3.4	12
38	Human urine: epicatechin metabolites and antioxidant activity after cocoa beverage intake. <i>Free Radical Research</i> , 2007 , 41, 943-9	4	26
37	Cocoa-enriched diet enhances antioxidant enzyme activity and modulates lymphocyte composition in thymus from young rats. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 6431-8	5.7	66
36	Determination of flavonoids in a Citrus fruit extract by LCDAD and LCMS. <i>Food Chemistry</i> , 2007 , 101, 1742-1747	8.5	77
35	HPLC-tandem mass spectrometric method to characterize resveratrol metabolism in humans. <i>Clinical Chemistry</i> , 2007 , 53, 292-9	5.5	86
34	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> , 2007 , 62, 1120-6	6.4	70
33	Milk does not affect the bioavailability of cocoa powder flavonoid in healthy human. <i>Annals of Nutrition and Metabolism</i> , 2007 , 51, 493-8	4.5	90

32	Inflammatory markers of atherosclerosis are decreased after moderate consumption of cava (sparkling wine) in men with low cardiovascular risk. <i>Journal of Nutrition</i> , 2007 , 137, 2279-84	4.1	63
31	Absorption and pharmacokinetics of grapefruit flavanones in beagles. <i>British Journal of Nutrition</i> , 2007 , 98, 86-92	3.6	36
30	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, 8857-63	5.7	46
29	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> , 2007 , 55, 779-86	5.7	94
28	Diagnostic performance of urinary resveratrol metabolites as a biomarker of moderate wine consumption. <i>Clinical Chemistry</i> , 2006 , 52, 1373-80	5.5	73
27	Total polyphenol intake estimated by a modified Folin-Ciocalteu assay of urine. <i>Clinical Chemistry</i> , 2006 , 52, 749-52	5.5	75
26	Relationship of plasma polyunsaturated fatty acids to circulating inflammatory markers. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 439-46	5.6	515
25	The origin of the ancient Egyptian drink Shedeḥ revealed using LC/MS/MS. <i>Journal of Archaeological Science</i> , 2006 , 33, 98-101	2.9	37
24	First evidence of white wine in ancient Egypt from Tutankhamun's tomb. <i>Journal of Archaeological Science</i> , 2006 , 33, 1075-1080	2.9	53
23	Markers of inflammation, vitamin E and peripheral nervous system function: the InCHIANTI study. <i>Neurobiology of Aging</i> , 2006 , 27, 1280-8	5.6	35
22	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> , 2005 , 53, 6190-4	5.7	73
21	Vitamin E levels, cognitive impairment and dementia in older persons: the InCHIANTI study. <i>Neurobiology of Aging</i> , 2005 , 26, 987-94	5.6	75
20	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, 3149-55	7.8	117
19	Review: Health Effects of Cocoa Flavonoids. <i>Food Science and Technology International</i> , 2005 , 11, 159-176.6	6.6	127
18	Effect of <i>Theobroma cacao</i> flavonoids on immune activation of a lymphoid cell line. <i>British Journal of Nutrition</i> , 2005 , 93, 859-66	3.6	51
17	Anthocyanins in aged blueberry-fed rats are found centrally and may enhance memory. <i>Nutritional Neuroscience</i> , 2005 , 8, 111-20	3.6	420
16	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, 1672-7	7.8	99
15	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	2.2	325

14	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> , 2002 , 6, 392-404	5.2	39
13	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> , 2001 , 49, 210-5	5.7	178
12	More antioxidants in cocoa. <i>Journal of Nutrition</i> , 2001 , 131, 834-5	4.1	27
11	High-performance liquid chromatographic determination of the riboflavin concentration in white wines for predicting their resistance to light. <i>Journal of Chromatography A</i> , 2000 , 888, 121-7	4.5	47
10	Spanish sparkling wines (Cavas) as inhibitors of in vitro human low-density lipoprotein oxidation. <i>Journal of Agricultural and Food Chemistry</i> , 1999 , 47, 2198-202	5.7	34
9	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> , 1998 , 823, 355-63	4.5	70
8	Influence of Variety and Aging on Foaming Properties of Cava (Sparkling Wine). 2. <i>Journal of Agricultural and Food Chemistry</i> , 1997 , 45, 2520-2525	5.7	61
7	Resveratrol and other phenolics in white wines from Spain. <i>BioFactors</i> , 1997 , 6, 437-439	6.1	
6	Characteristics of Sparkling Base Wines Affecting Foam Behavior. <i>Journal of Agricultural and Food Chemistry</i> , 1996 , 44, 989-995	5.7	59
5	Influence of Variety and Aging on Foaming Properties of Sparkling Wine (Cava). 1. <i>Journal of Agricultural and Food Chemistry</i> , 1996 , 44, 3826-3829	5.7	41
4	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> , 1996 , 44, 3040-3046	5.7	112
3	Phenolic Compounds: Chemistry and Occurrence in Fruits and Vegetables		53-88 6
2	Bioavailability and Metabolism of Resveratrol		265-297 10
1	Advances in Polyphenol Research from Chile: A Literature Review. <i>Food Reviews International</i> , 1-38	5.5	1