

# Mar Garcia-Aloy

## List of Publications by Year in Descending Order

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

57  
papers

1,575  
citations

24  
h-index

39  
g-index

61  
ext. papers

2,013  
ext. citations

5.5  
avg, IF

4.46  
L-index

#	Paper	IF	Citations
57	Comparison of chemometric strategies for potential exposure marker discovery and false-positive reduction in untargeted metabolomics: application to the serum analysis by LC-HRMS after intake of Vaccinium fruit supplements.. <i>Analytical and Bioanalytical Chemistry</i> , <b>2022</b> , 414, 1841	4.4	0
56	Ion identity molecular networking for mass spectrometry-based metabolomics in the GNPS environment. <i>Nature Communications</i> , <b>2021</b> , 12, 3832	17.4	22
55	Exploiting Intestinal Organoids and Foodomics Strategies for Studying the Role of Diet and Host Responses <b>2021</b> , 508-515		
54	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> , <b>2020</b> , 64, e1901137	5.9	9
53	Biomarkers of intake for tropical fruits. <i>Genes and Nutrition</i> , <b>2020</b> , 15, 11	4.3	9
52	Two apples a day modulate human:microbiome co-metabolic processing of polyphenols, tyrosine and tryptophan. <i>European Journal of Nutrition</i> , <b>2020</b> , 59, 3691-3714	5.2	10
51	Food intake biomarkers for berries and grapes. <i>Genes and Nutrition</i> , <b>2020</b> , 15, 17	4.3	15
50	Phytochemicals in Legumes: A Qualitative Reviewed Analysis. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 13486-13496	5.7	6
49	Reply to the letter to the editor: Lifestyle interventions on weight loss among metabolically healthy obese women. <i>Clinical Nutrition</i> , <b>2020</b> , 39, 2933-2934	5.9	
48	Effects of a long-term lifestyle intervention on metabolically healthy women with obesity: Metabolite profiles according to weight loss response. <i>Clinical Nutrition</i> , <b>2020</b> , 39, 215-224	5.9	12
47	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
46	Comparative metabolite fingerprinting of legumes using LC-MS-based untargeted metabolomics. <i>Food Research International</i> , <b>2019</b> , 126, 108666	7	23
45	Improving the reporting quality of intervention trials addressing the inter-individual variability in response to the consumption of plant bioactives: quality index and recommendations. <i>European Journal of Nutrition</i> , <b>2019</b> , 58, 49-64	5.2	7
44	Isotopic dilution method for bile acid profiling reveals new sulfate glycine-conjugated dihydroxy bile acids and glucuronide bile acids in serum. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2019</b> , 173, 1-17	3.5	6
43	Role of Theobromine in Cocoa's Metabolic Properties in Healthy Rats. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 3605-3614	5.7	10
42	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
41	Impact of Foods and Dietary Supplements Containing Hydroxycinnamic Acids on Cardiometabolic Biomarkers: A Systematic Review to Explore Inter-Individual Variability. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	17

40	Biomarkers of cereal food intake. <i>Genes and Nutrition</i> , <b>2019</b> , 14, 28	4.3	19
39	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
38	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> , <b>2019</b> , 67, 3118-3124	5.7	6
37	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
36	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> , <b>2018</b> , 66, 5-7	5.7	10
35	High Resolution Mass Spectrometric Analysis of Secoiridoids and Metabolites as Biomarkers of Acute Olive Oil Intake-An Approach to Study Interindividual Variability in Humans. <i>Molecular Nutrition and Food Research</i> , <b>2018</b> , 62, 1700065	5.9	18
34	Biomarkers of intake for coffee, tea, and sweetened beverages. <i>Genes and Nutrition</i> , <b>2018</b> , 13, 15	4.3	31
33	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
32	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> , <b>2018</b> , 17, 2600-2610	5.6	10
31	Food intake biomarkers for apple, pear, and stone fruit. <i>Genes and Nutrition</i> , <b>2018</b> , 13, 29	4.3	32
30	Validation of biomarkers of food intake-critical assessment of candidate biomarkers. <i>Genes and Nutrition</i> , <b>2018</b> , 13, 14	4.3	98
29	Biomarker of food intake for assessing the consumption of dairy and egg products. <i>Genes and Nutrition</i> , <b>2018</b> , 13, 26	4.3	25
28	Biomarkers of legume intake in human intervention and observational studies: a systematic review. <i>Genes and Nutrition</i> , <b>2018</b> , 13, 25	4.3	19
27	Breakthroughs in the Health Effects of Plant Food Bioactives: A Perspective on Microbiomics, Nutri(epi)genomics, and Metabolomics. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 10686-10692	5.7	22
26	A systematic review and meta-analysis of randomized controlled trials exploring the role of inter-individual variability on the effect of flavanols on insulin and HOMA-IR. <i>Proceedings of the Nutrition Society</i> , <b>2018</b> , 77,	2.9	2
25	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> , <b>2018</b> , 66, 6997-7005	5.7	18
24	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> , <b>2017</b> , 16, 1483-1491	5.6	12
23	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> , <b>2017</b> , 69, 220-229	15.3	24

22	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> , <b>2017</b> , 48, 36-43	6.3	17
21	A scheme for a flexible classification of dietary and health biomarkers. <i>Genes and Nutrition</i> , <b>2017</b> , 12, 34	4.3	49
20	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
19	A Systematic Review and Meta-Analysis of the Effects of Flavanol-Containing Tea, Cocoa and Apple Products on Body Composition and Blood Lipids: Exploring the Factors Responsible for Variability in Their Efficacy. <i>Nutrients</i> , <b>2017</b> , 9, 746	6.7	39
18	Metabolomic Approaches in the Study of Wine Benefits in Human Health <b>2016</b> , 293-317		0
17	Impact of chlorogenic acids from coffee on urine metabolome in healthy human subjects. <i>Food Research International</i> , <b>2016</b> , 89, 1064-1070	7	20
16	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
15	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
14	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
13	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
12	Emerging Applications of Metabolomics to Polyphenols and CVD Biomarker Discovery <b>2014</b> , 1025-1044		
11	Intensity drift removal in LC/MS metabolomics by common variance compensation. <i>Bioinformatics</i> , <b>2014</b> , 30, 2899-905	7.2	46
10	Urinary metabolomic fingerprinting after consumption of a probiotic strain in women with mastitis. <i>Pharmacological Research</i> , <b>2014</b> , 87, 160-5	10.2	25
9	Cocoa polyphenols and inflammatory markers of cardiovascular disease. <i>Nutrients</i> , <b>2014</b> , 6, 844-80	6.7	82
8	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
7	Obesity and inflammation. <b>2013</b> , 193-216		
6	Healthy lifestyle and obesity among elderly with cardiovascular risks: authors response. <i>Preventive Medicine</i> , <b>2012</b> , 54, 366	4.3	
5	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

4	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
3	Association between a healthy lifestyle and general obesity and abdominal obesity in an elderly population at high cardiovascular risk. <i>Preventive Medicine</i> , <b>2011</b> , 53, 155-61	4.3	39
2	Bone quantitative ultrasound measurements in relation to the metabolic syndrome and type 2 diabetes mellitus in a cohort of elderly subjects at high risk of cardiovascular disease from the PREDIMED study. <i>Journal of Nutrition, Health and Aging</i> , <b>2011</b> , 15, 939-44	5.2	10
1	Los tests de sensibilidad alimentaria no son una herramienta útil para el diagnóstico o el tratamiento de la obesidad u otras enfermedades: Declaración de Postura del Grupo de Revisión, Estudio y Posicionamiento de la Asociación Española de Dietistas-Nutricionistas (GREP-AEDN). <i>Actividad Dietética</i> , <b>2010</b> , 14, 27-31		