Antonio Camargo

List of Publications by Citations

93 papers	3,113 citations	30 h-index	53 g-index
99 ext. papers	3,914 ext. citations	5.6 avg, IF	4.76 L-index

#	Paper	IF	Citations
93	Intestinal Microbiota Is Influenced by Gender and Body Mass Index. *PLoS ONE*, **2016**, 11, e0154090	3.7	337
92	The nodule inception-like protein 7 modulates nitrate sensing and metabolism in Arabidopsis. *Plant Journal*, **2009**, 57, 426-35	6.9	276
91	Two Healthy Diets Modulate Gut Microbial Community Improving Insulin Sensitivity in a Human Obese Population. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 233-42	5.6	159
90	Gene expression changes in mononuclear cells in patients with metabolic syndrome after acute intake of phenol-rich virgin olive oil. *BMC Genomics*, **2010**, 11, 253	4.5	122
89	The gut microbial community in metabolic syndrome patients is modified by diet. *Journal of Nutritional Biochemistry*, **2016**, 27, 27-31	6.3	113
88	Expression of proinflammatory, proatherogenic genes is reduced by the Mediterranean diet in elderly people. *British Journal of Nutrition*, **2012**, 108, 500-8	3.6	96
87	Nitrate signaling by the regulatory gene NIT2 in Chlamydomonas. *Plant Cell*, **2007**, 19, 3491-503	11.6	96
86	CORonary Diet Intervention with Olive oil and cardiovascular PREVention study (the CORDIOPREV study): Rationale, methods, and baseline characteristics: A clinical trial comparing the efficacy of a Mediterranean diet rich in olive oil versus a low-fat diet on cardiovascular disease in coronary patients. *American Heart Journal*, **2016**, 177, 42-50	4.9	91
85	Influence of gender and menopausal status on gut microbiota. *Maturitas*, **2018**, 116, 43-53	5	87
84	Serum 25-hydroxyvitamin D and adipose tissue vitamin D receptor gene expression: relationship with obesity and type 2 diabetes. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, E591-5	5.6	67
83	The role of diet and intestinal microbiota in the development of metabolic syndrome. *Journal of Nutritional Biochemistry*, **2019**, 70, 1-27	6.3	66
82	Consumption of Two Healthy Dietary Patterns Restored Microbiota Dysbiosis in Obese Patients with Metabolic Dysfunction. *Molecular Nutrition and Food Research*, **2017**, 61, 1700300	5.9	66
81	Dietary fat modifies the postprandial inflammatory state in subjects with metabolic syndrome: the LIPGENE study. *Molecular Nutrition and Food Research*, **2012**, 56, 854-65	5.9	66
80	Ammonium transporter genes in Chlamydomonas: the nitrate-specific regulatory gene Nit2 is involved in Amt1;1 expression. *Plant Molecular Biology*, **2004**, 56, 863-78	4.6	66
79	Sex Differences in the Gut Microbiota as Potential Determinants of Gender Predisposition to Disease. *Molecular Nutrition and Food Research*, **2019**, 63, e1800870	5.9	59
78	Circulating miRNAs as Predictive Biomarkers of Type 2 Diabetes Mellitus Development in Coronary Heart Disease Patients from the CORDIOPREV Study. *Molecular Therapy - Nucleic Acids*, **2018**, 12, 146-157	10.7	52
77	The postprandial inflammatory response after ingestion of heated oils in obese persons is reduced by the presence of phenol compounds. *Molecular Nutrition and Food Research*, **2012**, 56, 510-4	5.9	48

76	A plasma circulating miRNAs profile predicts type 2 diabetes mellitus and prediabetes: from the CORDIOPREV study. *Experimental and Molecular Medicine*, **2018**, 50, 1-12	12.8	48
75	Olive oil phenolic compounds decrease the postprandial inflammatory response by reducing postprandial plasma lipopolysaccharide levels. *Food Chemistry*, **2014**, 162, 161-71	8.5	45
74	Consumption of diets with different type of fat influences triacylglycerols-rich lipoproteins particle number and size during the postprandial state. *Nutrition, Metabolism and Cardiovascular Diseases*, **2011**, 21, 39-45	4.5	45
73	Increased dihydroceramide/ceramide ratio mediated by defective expression of degs1 impairs adipocyte differentiation and function. *Diabetes*, **2015**, 64, 1180-92	0.9	43
72	Metabolic phenotypes of obesity influence triglyceride and inflammation homoeostasis. *European Journal of Clinical Investigation*, **2014**, 44, 1053-64	4.6	41
71	Mediterranean diet supplemented with coenzyme Q10 induces postprandial changes in p53 in response to oxidative DNA damage in elderly subjects. *Age*, **2012**, 34, 389-403		41
70	The antioxidants in oils heated at frying temperature, whether natural or added, could protect against postprandial oxidative stress in obese people. *Food Chemistry*, **2013**, 138, 2250-9	8.5	40
69	Postprandial inflammatory response in adipose tissue of patients with metabolic syndrome after the intake of different dietary models. *Molecular Nutrition and Food Research*, **2011**, 55, 1759-70	5.9	38
68	Effects of the Mediterranean diet supplemented with coenzyme q10 on metabolomic profiles in elderly men and women. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2015**, 70, 78-84	6.4	37
67	Lipopolysaccharide and lipopolysaccharide-binding protein levels and their relationship to early metabolic improvement after bariatric surgery. *Surgery for Obesity and Related Diseases*, **2015**, 11, 933-9	3	36
66	ABCA1 gene variants regulate postprandial lipid metabolism in healthy men. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2010**, 30, 1051-7	9.4	33
65	Mediterranean diet improves endothelial function in patients with diabetes and prediabetes: A report from the CORDIOPREV study. *Atherosclerosis*, **2018**, 269, 50-56	3.1	32
64	Vitamin D modulates tissue factor and protease-activated receptor 2 expression in vascular smooth muscle cells. *FASEB Journal*, **2016**, 30, 1367-76	0.9	31
63	Antioxidant system response is modified by dietary fat in adipose tissue of metabolic syndrome patients. *Journal of Nutritional Biochemistry*, **2013**, 24, 1717-23	6.3	28
62	Mediterranean Diet Reduces Serum Advanced Glycation End Products and Increases Antioxidant Defenses in Elderly Adults: A Randomized Controlled Trial. *Journal of the American Geriatrics Society*, **2016**, 64, 901-4	5.6	25
61	Hypertriglyceridemia influences the degree of postprandial lipemic response in patients with metabolic syndrome and coronary artery disease: from the CORDIOPREV study. *PLoS ONE*, **2014**, 9, e96297	3.7	24
60	High phosphate induces a pro-inflammatory response by vascular smooth muscle cells and modulation by vitamin D derivatives. *Clinical Science*, **2017**, 131, 1449-1463	6.5	23
59	Effect of dietary fat modification on subcutaneous white adipose tissue insulin sensitivity in patients with metabolic syndrome. *Molecular Nutrition and Food Research*, **2014**, 58, 2177-88	5.9	23

58	Effect of Dietary Lipids on Endotoxemia Influences Postprandial Inflammatory Response. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 7756-7763	5.7	23
57	Postprandial changes in the proteome are modulated by dietary fat in patients with metabolic syndrome. *Journal of Nutritional Biochemistry*, **2013**, 24, 318-24	6.3	23
56	Adipose tissue infiltration in normal-weight subjects and its impact on metabolic function. *Translational Research*, **2016**, 172, 6-17.e3	11	22
55	NOS3 Glu298Asp polymorphism interacts with virgin olive oil phenols to determine the postprandial endothelial function in patients with the metabolic syndrome. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, E1694-702	5.6	22
54	Effects of rs7903146 variation in the Tcf7l2 gene in the lipid metabolism of three different populations. *PLoS ONE*, **2012**, 7, e43390	3.7	22
53	Dietary fat quantity and quality modifies advanced glycation end products metabolism in patients with metabolic syndrome. *Molecular Nutrition and Food Research*, **2017**, 61, 1601029	5.9	21
52	Long-term dietary adherence and changes in dietary intake in coronary patients after intervention with a Mediterranean diet or a low-fat diet: the CORDIOPREV randomized trial. *European Journal of Nutrition*, **2020**, 59, 2099-2110	5.2	21
51	Mediterranean Diet Supplemented With Coenzyme Q10 Modulates the Postprandial Metabolism of Advanced Glycation End Products in Elderly Men and Women. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2018**, 73, 340-346	6.4	20
50	Top single nucleotide polymorphisms affecting carbohydrate metabolism in metabolic syndrome: from the LIPGENE study. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, E384-9	5.6	20
49	Hepatic insulin resistance both in prediabetic and diabetic patients determines postprandial lipoprotein metabolism: from the CORDIOPREV study. *Cardiovascular Diabetology*, **2016**, 15, 68	8.7	20
48	APOA1 and APOA4 gene polymorphisms influence the effects of dietary fat on LDL particle size and oxidation in healthy young adults. *Journal of Nutrition*, **2010**, 140, 773-8	4.1	19
47	Beneficial effect of CETP gene polymorphism in combination with a Mediterranean diet influencing lipid metabolism in metabolic syndrome patients: CORDIOPREV study. *Clinical Nutrition*, **2018**, 37, 229-234	5.9	17
46	Assessment of postprandial triglycerides in clinical practice: Validation in a general population and coronary heart disease patients. *Journal of Clinical Lipidology*, **2016**, 10, 1163-71	4.9	17
45	Postprandial endotoxemia may influence the development of type 2 diabetes mellitus: From the CORDIOPREV study. *Clinical Nutrition*, **2019**, 38, 529-538	5.9	17
44	Dietary fat modifies lipid metabolism in the adipose tissue of metabolic syndrome patients. *Genes and Nutrition*, **2014**, 9, 409	4.3	16
43	The insulin sensitivity response is determined by the interaction between the G972R polymorphism of the insulin receptor substrate 1 gene and dietary fat. *Molecular Nutrition and Food Research*, **2011**, 55, 328-35	5.9	16
42	Dietary fat may modulate adipose tissue homeostasis through the processes of autophagy and apoptosis. *European Journal of Nutrition*, **2017**, 56, 1621-1628	5.2	15
41	Proteome from patients with metabolic syndrome is regulated by quantity and quality of dietary lipids. *BMC Genomics*, **2015**, 16, 509	4.5	15

40	Mediterranean Diet, Glucose Homeostasis, and Inflammasome Genetic Variants: The CORDIOPREV Study. *Molecular Nutrition and Food Research*, **2018**, 62, e1700960	5.9	15
39	Virgin olive oil rich in phenolic compounds modulates the expression of atherosclerosis-related genes in vascular endothelium. *European Journal of Nutrition*, **2016**, 55, 519-527	5.2	15
38	Peripheral blood mononuclear cells as in vivo model for dietary intervention induced systemic oxidative stress. *Food and Chemical Toxicology*, **2014**, 72, 178-86	4.7	15
37	Frying oils with high natural or added antioxidants content, which protect against postprandial oxidative stress, also protect against DNA oxidation damage. *European Journal of Nutrition*, **2017**, 56, 1597-1607	5.2	14
36	Lipid metabolism after an oral fat test meal is affected by age-associated features of metabolic syndrome, but not by age. *Atherosclerosis*, **2013**, 226, 258-62	3.1	13
35	Dietary fat differentially influences the lipids storage on the adipose tissue in metabolic syndrome patients. *European Journal of Nutrition*, **2014**, 53, 617-26	5.2	12
34	Changes in Splicing Machinery Components Influence, Precede, and Early Predict the Development of Type 2 Diabetes: From the CORDIOPREV Study. *EBioMedicine*, **2018**, 37, 356-365	8.8	12
33	Telomerase RNA Component Genetic Variants Interact With the Mediterranean Diet Modifying the Inflammatory Status and its Relationship With Aging: CORDIOPREV Study. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2018**, 73, 327-332	6.4	11
32	Endotoxemia is modulated by quantity and quality of dietary fat in older adults. *Experimental Gerontology*, **2018**, 109, 119-125	4.5	11
31	Differential menopause- versus aging-induced changes in oxidative stress and circadian rhythm gene markers. *Mechanisms of Ageing and Development*, **2017**, 164, 41-48	5.6	10
30	Influence of endothelial dysfunction on telomere length in subjects with metabolic syndrome: LIPGENE study. *Age*, **2014**, 36, 9681		10
29	Effect of frying oils on the postprandial endoplasmic reticulum stress in obese people. *Molecular Nutrition and Food Research*, **2014**, 58, 2239-42	5.9	10
28	Different response to hypoxia of adipose-derived multipotent cells from obese subjects with and without metabolic syndrome. *PLoS ONE*, **2017**, 12, e0188324	3.7	10
27	as a potential biomarker and player for adipose tissue dysfunction preceding type 2 diabetes onset. *Molecular Therapy - Nucleic Acids*, **2021**, 23, 1035-1052	10.7	10
26	TNFA gene variants related to the inflammatory status and its association with cellular aging: From the CORDIOPREV study. *Experimental Gerontology*, **2016**, 83, 56-62	4.5	9
25	Alpha cell function interacts with diet to modulate prediabetes and Type 2 diabetes. *Journal of Nutritional Biochemistry*, **2018**, 62, 247-256	6.3	9
24	Postprandial oxidative stress is modulated by dietary fat in adipose tissue from elderly people. *Age*, **2014**, 36, 507-17		8
23	HDL cholesterol efflux normalised to apoA-I is associated with future development of type 2 diabetes: from the CORDIOPREV trial. *Scientific Reports*, **2017**, 7, 12499	4.9	7

22	Gene-nutrient interactions on the phosphoenolpyruvate carboxykinase influence insulin sensitivity in metabolic syndrome subjects. *Clinical Nutrition*, **2013**, 32, 630-5	5.9	7
21	MiRNAs profile as biomarkers of nutritional therapy for the prevention of type 2 diabetes mellitus: From the CORDIOPREV study. *Clinical Nutrition*, **2021**, 40, 1028-1038	5.9	7
20	Endoplasmic reticulum stress in adipose tissue determines postprandial lipoprotein metabolism in metabolic syndrome patients. *Molecular Nutrition and Food Research*, **2013**, 57, 2166-76	5.9	6
19	Influence of Obesity and Metabolic Disease on Carotid Atherosclerosis in Patients with Coronary Artery Disease (CordioPrev Study). *PLoS ONE*, **2016**, 11, e0153096	3.7	6
18	Prediabetes diagnosis criteria, type 2 diabetes risk and dietary modulation: The CORDIOPREV study. *Clinical Nutrition*, **2020**, 39, 492-500	5.9	6
17	Interplay between gonadal hormones and postnatal overfeeding in defining sex-dependent differences in gut microbiota architecture. *Aging*, **2020**, 12, 19979-20000	5.6	5
16	Quantitative evaluation of capillaroscopic microvascular changes in patients with established coronary heart disease. *Medicina Clínica*, **2018**, 150, 131-137	1	4
15	Neonatal exposure to androgens dynamically alters gut microbiota architecture. *Journal of Endocrinology*, **2020**, 247, 69-85	4.7	3
14	An altered microbiota pattern precedes Type 2 diabetes mellitus development: From the CORDIOPREV study.. *Journal of Advanced Research*, **2022**, 35, 99-108	13	3
13	Coenzyme Q10 as an Antioxidant in the Elderly **2014**, 109-117		2
12	A set of miRNAs predicts T2DM remission in patients with coronary heart disease: from the CORDIOPREV study. *Molecular Therapy - Nucleic Acids*, **2021**, 23, 255-263	10.7	2
11	A plasma fatty acid profile associated to type 2 diabetes development: from the CORDIOPREV study. *European Journal of Nutrition*, **2021**, 1	5.2	1
10	A Diet-Dependent Microbiota Profile Associated with Incident Type 2 Diabetes: From the CORDIOPREV Study. *Molecular Nutrition and Food Research*, **2020**, 64, e2000730	5.9	1
9	Dietary Intervention Modulates the Expression of Splicing Machinery in Cardiovascular Patients at High Risk of Type 2 Diabetes Development: From the CORDIOPREV Study. *Nutrients*, **2020**, 12,	6.7	1
8	Owning a Pet Is Associated with Changes in the Composition of Gut Microbiota and Could Influence the Risk of Metabolic Disorders in Humans. *Animals*, **2021**, 11,	3.1	1
7	Quantitative evaluation of capillaroscopic microvascular changes in patients with established coronary heart disease. *Medicina Clínica (English Edition)*, **2018**, 150, 131-137	0.3	0
6	A microbiota-based predictive model for type 2 diabetes remission induced by dietary intervention: From the CORDIOPREV study. *Clinical and Translational Medicine*, **2021**, 11, e326	5.7	0
5	Beta cell functionality and hepatic insulin resistance are major contributors to type 2 diabetes remission and starting pharmacological therapy: from CORDIOPREV randomized controlled trial. *Translational Research*, **2021**, 238, 12-24	11	0

List of Publications

4	Long-term effect of a dietary intervention with two-healthy dietary approaches on food intake and nutrient density in coronary patients: results from the CORDIOPREV trial.. *European Journal of Nutrition*, **2022**, 1	5.2	0
3	Coenzyme Q10 as an antioxidant in the elderly **2020**, 165-171		
2	Diabetes remission is modulated by branched chain amino acids according to the diet consumed: from the CORDIOPREV study. *Molecular Nutrition and Food Research*, **2021**, e2100652	5.9	
1	Cardiovascular Benefits of Olive Oil: Beyond Effects of Fat Content353-366		