Juan Francisco AlcalÃ¡ DÃaz

List of Publications by Year
in descending order

88 papers	3,817 citations	186265 28 h-index	133252 59 g-index
92 all docs	92 docs citations	92 times ranked	6452 citing authors

#	Article	IF	Citations
1	â€œEffect of calcifediol treatment and best available therapy versus best available therapy on intensive care unit admission and mortality among patients hospitalized for COVID-19: A pilot randomized clinical studyâ€• Journal of Steroid Biochemistry and Molecular Biology, 2020, 203, 105751.	2.5	538
2	Intestinal Microbiota Is Influenced by Gender and Body Mass Index. PLoS ONE, 2016, 11, e0154090.	2.5	511
3	Monounsaturated Fatty Acidâ€"Enriched High-Fat Diets Impede Adipose NLRP3 Inflammasomeâ€"Mediated IL-1Î² Secretion and Insulin Resistance Despite Obesity. Diabetes, 2015, 64, 2116-2128.	0.6	229
4	Two Healthy Diets Modulate Gut Microbial Community Improving Insulin Sensitivity in a Human Obese Population. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 233-242.	3.6	223
5	Long-term secondary prevention of cardiovascular disease with a Mediterranean diet and a low-fat diet (CORDIOPREV): a randomised controlled trial. Lancet, The, 2022, 399, 1876-1885.	13.7	169
6	The gut microbial community in metabolic syndrome patients is modified by diet. Journal of Nutritional Biochemistry, 2016, 27, 27-31.	4.2	166
7	CORonary Diet Intervention with Olive oil and cardiovascular PREVention study (the CORDIOPREV) Tj ETQq1 1 0.784314 rgBT /Overlock	2.7	133
8	Consumption of Two Healthy Dietary Patterns Restored Microbiota Dysbiosis in Obese Patients with Metabolic Dysfunction. Molecular Nutrition and Food Research, 2017, 61, 1700300.	3.3	107
9	Sex Differences in the Gut Microbiota as Potential Determinants of Gender Predisposition to Disease. Molecular Nutrition and Food Research, 2019, 63, e1800870.	3.3	103
10	Dietary magnesium supplementation preventsÂandÂreverses vascular and soft tissueÂcalcifications in uremic rats. Kidney International, 2017, 92, 1084-1099.	5.2	85
11	A plasma circulating miRNAs profile predicts type 2 diabetes mellitus and prediabetes: from the CORDIOPREV study. Experimental and Molecular Medicine, 2018, 50, 1-12.	7.7	80
12	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.	5.1	80
13	Calcifediol Treatment and Hospital Mortality Due to COVID-19: A Cohort Study. Nutrients, 2021, 13, 1760.	4.1	71
14	The insulin resistance phenotype (muscle or liver) interacts with the type of diet to determine changes in disposition index after 2Âyears of intervention: the CORDIOPREV-DIAB randomised clinical trial. Diabetologia, 2016, 59, 67-76.	6.3	66
15	Beneficial effect of <i>CLOCK</i> gene polymorphism rs1801260 in combination with low-fat diet on insulin metabolism in the patients with metabolic syndrome. Chronobiology International, 2014, 31, 401-408.	2.0	59
16	Mediterranean Diet Reduces Atherosclerosis Progression in Coronary Heart Disease: An Analysis of the CORDIOPREV Randomized Controlled Trial. Stroke, 2021, 52, 3440-3449.	2.0	56
17	Insulin resistance determines a differential response to changes in dietary fat modification on metabolic syndrome risk factors: the LIPGENE study. American Journal of Clinical Nutrition, 2015, 102, 1509-1517.	4.7	54
18	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, 510-514.	3.3	49

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19	Mediterranean diet improves endothelial function in patients with diabetes and prediabetes: A report from the CORDIOPREV study. Atherosclerosis, 2018, 269, 50-56.	0.8	47
20	Metabolic phenotypes of obesity influence triglyceride and inflammation homoeostasis. European Journal of Clinical Investigation, 2014, 44, 1053-1064.	3.4	45
21	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.	3.9	45
22	Polymorphism at the TNF-alpha gene interacts with Mediterranean diet to influence triglyceride metabolism and inflammation status in metabolic syndrome patients: From the CORDIOPREV clinical trial. Molecular Nutrition and Food Research, 2014, 58, 1519-1527.	3.3	38
23	Coenzyme Q10 and Cardiovascular Diseases. Antioxidants, 2021, 10, 906.	5.1	36
24	miR-223-3p as a potential biomarker and player for adipose tissue dysfunction preceding type 2 diabetes onset. Molecular Therapy - Nucleic Acids, 2021, 23, 1035-1052.	5.1	35
25	Statins do not increase the risk of developing type 2 diabetes in familial hypercholesterolemia: The SAFEHEART study. International Journal of Cardiology, 2015, 201, 79-84.	1.7	32
26	Long-term consumption of a Mediterranean diet improves postprandial lipemia in patients with type 2 diabetes: the Cordioprev randomized trial. American Journal of Clinical Nutrition, 2018, 108, 963-970.	4.7	31
27	Reduction in Circulating Advanced Glycation End Products by Mediterranean Diet Is Associated with Increased Likelihood of Type 2 Diabetes Remission in Patients with Coronary Heart Disease: From the Cordioprev Study. Molecular Nutrition and Food Research, 2021, 65, e1901290.	3.3	31
28	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, glw214.	3.6	30
29	Low Intake of Vitamin E Accelerates Cellular Aging in Patients With Established Cardiovascular Disease: The CORDIOPREV Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 770-777.	3.6	30
30	Mediterranean Diet and Endothelial Function: A Review of its Effects at Different Vascular Bed Levels. Nutrients, 2020, 12, 2212.	4.1	30
31	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.	6.1	29
32	Chronic consumption of a low-fat diet improves cardiometabolic risk factors according to the CLOCK gene in patients with coronary heart disease. Molecular Nutrition and Food Research, 2015, 59, 2556-2564.	3.3	27
33	Hepatic insulin resistance both in prediabetic and diabetic patients determines postprandial lipoprotein metabolism: from the CORDIOPREV study. Cardiovascular Diabetology, 2016, 15, 68.	6.8	27
34	Postprandial endotoxemia may influence the development of type 2 diabetes mellitus: From the CORDIOPREV study. Clinical Nutrition, 2019, 38, 529-538.	5.0	25
35	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.	2.5	25
36	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.	5.0	23

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37	Long-term consumption of a mediterranean diet or a low-fat diet on kidney function in coronary heart disease patients: The CORDIOPREV randomized controlled trial. Clinical Nutrition, 2022, 41, 552-559.	5.0	23
38	Assessment of postprandial triglycerides in clinical practice: Validation in a general population and coronary heart disease patients. Journal of Clinical Lipidology, 2016, 10, 1163-1171.	1.5	22
39	Mediterranean Diet, Glucose Homeostasis, and Inflammasome Genetic Variants: The CORDIOPREV Study. Molecular Nutrition and Food Research, 2018, 62, e1700960.	3.3	22
40	An altered microbiota pattern precedes Type 2 diabetes mellitus development: From the CORDIOPREV study. Journal of Advanced Research, 2022, 35, 99-108.	9.5	22
41	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.	5.0	21
42	Inflammation both increases and causes resistance to FGF23 in normal and uremic rats. Clinical Science, 2020, 134, 15-32.	4.3	20
43	Dietary fat may modulate adipose tissue homeostasis through the processes of autophagy and apoptosis. European Journal of Nutrition, 2017, 56, 1621-1628.	3.9	19
44	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, 2016, 73, glw194.	3.6	17
45	Lipid metabolism after an oral fat test meal is affected by age-associated features of metabolic syndrome, but not by age. Atherosclerosis, 2013, 226, 258-262.	0.8	15
46	Chronodisruption and diet associated with increased cardiometabolic risk in coronary heart disease patients: the CORDIOPREV study. Translational Research, 2022, 242, 79-92.	5.0	15
47	Nutraceuticals and coronary heart disease. Current Opinion in Cardiology, 2013, 28, 475-482.	1.8	14
48	A dysregulation of glucose metabolism control is associated with carotid atherosclerosis in patients with coronary heart disease (CORDIOPREV-DIAB study). Atherosclerosis, 2016, 253, 178-185.	0.8	14
49	Apolipoprotein E genetic variants interact with Mediterranean diet to modulate postprandial hypertriglyceridemia in coronary heart disease patients: CORDIOPREV study. European Journal of Clinical Investigation, 2019, 49, e13146.	3.4	14
50	Ceruloplasmin and Coronary Heart Diseaseâ€"A Systematic Review. Nutrients, 2020, 12, 3219.	4.1	14
51	Endotoxemia is modulated by quantity and quality of dietary fat in older adults. Experimental Gerontology, 2018, 109, 119-125.	2.8	13
52	Prediabetes diagnosis criteria, type 2 diabetes risk and dietary modulation: The CORDIOPREV study. Clinical Nutrition, 2020, 39, 492-500.	5.0	13
53	Lifestyle factors modulate postprandial hypertriglyceridemia: From the CORDIOPREV study. Atherosclerosis, 2019, 290, 118-124.	0.8	12
54	TNFA gene variants related to the inflammatory status and its association with cellular aging: From the CORDIOPREV study. Experimental Gerontology, 2016, 83, 56-62.	2.8	11

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55	Interaction of an S100A9 gene variant with saturated fat and carbohydrates to modulate insulin resistance in 3 populations of different ancestries1â€"3. American Journal of Clinical Nutrition, 2016, 104, 508-517.	4.7	11
56	Fibroblast growth factor 23 predicts carotid atherosclerosis in individuals without kidney disease. The CORDIOPREV study. European Journal of Internal Medicine, 2020, 74, 79-85.	2.2	11
57	Influence of Obesity and Metabolic Disease on Carotid Atherosclerosis in Patients with Coronary Artery Disease (CordioPrev Study). PLoS ONE, 2016, 11, e0153096.	2.5	10
58	Alpha cell function interacts with diet to modulate prediabetes and Type 2 diabetes. Journal of Nutritional Biochemistry, 2018, 62, 247-256.	4.2	10
59	Quality and Quantity of Protein Intake Influence Incidence of Type 2 Diabetes Mellitus in Coronary Heart Disease Patients: From the CORDIOPREV Study. Nutrients, 2021, 13, 1217.	4.1	10
60	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.	5.0	10
61	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.	5.1	9
62	A Dietâ€Dependent Microbiota Profile Associated with Incident Type 2 Diabetes: From the CORDIOPREV Study. Molecular Nutrition and Food Research, 2020, 64, 2000730.	3.3	7
63	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, 3528.	4.1	7
64	Association between cholesterol efflux capacity and peripheral artery disease in coronary heart disease patients with and without type 2 diabetes: from the CORDIOPREV study. Cardiovascular Diabetology, 2021, 20, 72.	6.8	7
65	EvaluaciÃ³n cuantitativa de los cambios microvasculares capilaroscÃ³picos en pacientes con cardiopatÃa isquÃ©mica establecida. Medicina ClÃnica, 2018, 150, 131-137.	0.6	6
66	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, 61, 3019-3036.	3.9	6
67	Influence of dietary intervention on microvascular endothelial function in coronary patients and atherothrombotic risk of recurrence. Scientific Reports, 2021, 11, 20301.	3.3	5
68	Quantitative evaluation of capillaroscopic microvascular changes in patients with established coronary heart disease. Medicina ClÃnica (English Edition), 2018, 150, 131-137.	0.2	4
69	Biological senescence risk score. A practical tool to predict biological senescence status. European Journal of Clinical Investigation, 2020, 50, e13305.	3.4	4
70	Postprandial Lipemia Modulates Pancreatic Alpha-Cell Function in the Prediction of Type 2 Diabetes Development: The CORDIOPREV Study. Journal of Agricultural and Food Chemistry, 2020, 68, 1266-1275.	5.2	4
71	A plasma fatty acid profile associated to type 2 diabetes development: from the CORDIOPREV study. European Journal of Nutrition, 2022, 61, 843-857.	3.9	4
72	A microbiotaâ€based predictive model for type 2 diabetes remission induced by dietary intervention: From the CORDIOPREV study. Clinical and Translational Medicine, 2021, 11, e326.	4.0	3

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73	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, 2347.	2.3	3
74	Evolution of Metabolic Phenotypes of Obesity in Coronary Patients after 5 Years of Dietary Intervention: From the CORDIOPREV Study. Nutrients, 2021, 13, 4046.	4.1	3
75	A Gene Variation at the ZPR1 Locus (rs964184) Interacts With the Type of Diet to Modulate Postprandial Triglycerides in Patients With Coronary Artery Disease: From the Coronary Diet Intervention With Olive Oil and Cardiovascular Prevention Study. Frontiers in Nutrition, 0, 9, .	3.7	3
76	Diabetes, statins and FH. International Journal of Cardiology, 2016, 203, 575.	1.7	2
77	Diabetes Remission Is Modulated by Branched Chain Amino Acids According to the Diet Consumed: From the CORDIOPREV Study. Molecular Nutrition and Food Research, 2022, 66, e2100652.	3.3	2
78	Educational strategy to improve cardiovascular health and mitigate food insecurity: Rationale for the E-DUCASS program. Spanish Journal of Medicine, 2022, 2, .	0.1	2
79	Advanced glycation end products metabolism is modified by quantity and quality of dietary lipids in metabolic syndrome patients. Atherosclerosis, 2017, 263, e167.	0.8	1
80	A plasma circulating mirnas profile predicts type 2 diabetes mellitus and prediabetes: From the cordioprev study. Atherosclerosis, 2018, 275, e5.	0.8	1
81	High density lipoprotein subfractions and extent of coronary atherosclerotic lesions: From the cordioprev study. Clinica Chimica Acta, 2022, 533, 89-95.	1.1	1
82	Genetics of low density lipoprotein receptor-related protein 1 (lrp1) and postprandial lipaemia. Atherosclerosis, 2014, 235, e177-e178.	0.8	0
83	Influence of endothelial dysfunction on telomere length in subjects with metabolic syndrome: LIPGENE study. Atherosclerosis, 2014, 235, e235.	0.8	0
84	FP428SEVERE DIETARY PHOSPHORUS RESTRICTION IS ASSOCIATED WITH REDUCED FGF23 LEVELS IN UREMIC RATS. Nephrology Dialysis Transplantation, 2015, 30, iii213-iii214.	0.7	0
85	Clinical relevance of screening tests to identify diabetes in patients with atherosclerotic cardiovascular disease: A prospective population-based cohort study. Atherosclerosis, 2018, 275, e66-e67.	0.8	0
86	Glucogene: Diabetes risk prediction at 2 years for coronary patients on dietary advice (from the) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	0.8	0
87	Influence of 101 genetic variants on the prevalence of type 2 diabetes mellitus and the regulation of carbohydrate metabolism by dietary intervention: Cordioprev study. Atherosclerosis, 2018, 275, e70-e71.	0.8	0
88	Long-term adherence to two healthy diets in coronary patients after five years of dietary intervention: Cordioprev study. Atherosclerosis, 2018, 275, e74.	0.8	0