

Oriol Alberto Rangel-Zuñiga

List of Publications by Year in descending order

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49
papers

2,272
citations

304368

22
h-index

223531

46
g-index

50
all docs

50
docs citations

50
times ranked

3943
citing authors

#	ARTICLE	IF	CITATIONS
1	Intestinal Microbiota Is Influenced by Gender and Body Mass Index. <i>PLoS ONE</i> , 2016, 11, e0154090.	1.1	511
2	Two Healthy Diets Modulate Gut Microbial Community Improving Insulin Sensitivity in a Human Obese Population. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 233-242.	1.8	223
3	Long-term secondary prevention of cardiovascular disease with a Mediterranean diet and a low-fat diet (CORDIOPREV): a randomised controlled trial. <i>Lancet, The</i> , 2022, 399, 1876-1885.	6.3	169
4	Influence of gender and menopausal status on gut microbiota. <i>Maturitas</i> , 2018, 116, 43-53.	1.0	153
5	Consumption of Two Healthy Dietary Patterns Restored Microbiota Dysbiosis in Obese Patients with Metabolic Dysfunction. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1700300.	1.5	107
6	A plasma circulating miRNAs profile predicts type 2 diabetes mellitus and prediabetes: from the CORDIOPREV study. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-12.	3.2	80
7	Circulating miRNAs as Predictive Biomarkers of Type 2 Diabetes Mellitus Development in Coronary Heart Disease Patients from the CORDIOPREV Study. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 12, 146-157.	2.3	80
8	Mediterranean diet and endothelial function in patients with coronary heart disease: An analysis of the CORDIOPREV randomized controlled trial. <i>PLoS Medicine</i> , 2020, 17, e1003282.	3.9	77
9	Moderate-to-high-intensity training and a hypocaloric Mediterranean diet enhance endothelial progenitor cells and fitness in subjects with the metabolic syndrome. <i>Clinical Science</i> , 2012, 123, 361-373.	1.8	67
10	Beneficial effect of <i>CLOCK</i> gene polymorphism rs1801260 in combination with low-fat diet on insulin metabolism in the patients with metabolic syndrome. <i>Chronobiology International</i> , 2014, 31, 401-408.	0.9	59
11	Olive oil phenolic compounds decrease the postprandial inflammatory response by reducing postprandial plasma lipopolysaccharide levels. <i>Food Chemistry</i> , 2014, 162, 161-171.	4.2	48
12	The antioxidants in oils heated at frying temperature, whether natural or added, could protect against postprandial oxidative stress in obese people. <i>Food Chemistry</i> , 2013, 138, 2250-2259.	4.2	46
13	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. <i>European Journal of Nutrition</i> , 2020, 59, 2099-2110.	1.8	45
14	Antioxidant system response is modified by dietary fat in adipose tissue of metabolic syndrome patients. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 1717-1723.	1.9	36
15	miR-223-3p as a potential biomarker and player for adipose tissue dysfunction preceding type 2 diabetes onset. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 23, 1035-1052.	2.3	35
16	Effect of Dietary Lipids on Endotoxemia Influences Postprandial Inflammatory Response. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 7756-7763.	2.4	32
17	Low Intake of Vitamin E Accelerates Cellular Aging in Patients With Established Cardiovascular Disease: The CORDIOPREV Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 770-777.	1.7	30
18	Mediterranean Diet and Endothelial Function: A Review of its Effects at Different Vascular Bed Levels. <i>Nutrients</i> , 2020, 12, 2212.	1.7	30

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19	Postprandial changes in the proteome are modulated by dietary fat in patients with metabolic syndrome. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 318-324.	1.9	29
20	Effect of dietary fat modification on subcutaneous white adipose tissue insulin sensitivity in patients with metabolic syndrome. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 2177-2188.	1.5	25
21	Postprandial endotoxemia may influence the development of type 2 diabetes mellitus: From the CORDIOPREV study. <i>Clinical Nutrition</i> , 2019, 38, 529-538.	2.3	25
22	Physiological Regulation of Isocitrate Dehydrogenase and the Role of 2-Oxoglutarate in <i>Prochlorococcus</i> sp. Strain PCC 9511. <i>PLoS ONE</i> , 2014, 9, e103380.	1.1	24
23	Mediterranean Diet, Glucose Homeostasis, and Inflammasome Genetic Variants: The CORDIOPREV Study. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1700960.	1.5	22
24	MiRNAs profile as biomarkers of nutritional therapy for the prevention of type 2 diabetes mellitus: From the CORDIOPREV study. <i>Clinical Nutrition</i> , 2021, 40, 1028-1038.	2.3	21
25	Peripheral blood mononuclear cells as in vivo model for dietary intervention induced systemic oxidative stress. <i>Food and Chemical Toxicology</i> , 2014, 72, 178-186.	1.8	20
26	Dietary fat modifies lipid metabolism in the adipose tissue of metabolic syndrome patients. <i>Genes and Nutrition</i> , 2014, 9, 409.	1.2	20
27	Postprandial Activation of P53-Dependent DNA Repair Is Modified by Mediterranean Diet Supplemented With Coenzyme Q10 in Elderly Subjects. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69, 886-893.	1.7	18
28	Telomerase RNA Component Genetic Variants Interact With the Mediterranean Diet Modifying the Inflammatory Status and its Relationship With Aging: CORDIOPREV Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 73, glw194.	1.7	17
29	Proteome from patients with metabolic syndrome is regulated by quantity and quality of dietary lipids. <i>BMC Genomics</i> , 2015, 16, 509.	1.2	16
30	Virgin olive oil rich in phenolic compounds modulates the expression of atherosclerosis-related genes in vascular endothelium. <i>European Journal of Nutrition</i> , 2016, 55, 519-527.	1.8	16
31	Frying oils with high natural or added antioxidants content, which protect against postprandial oxidative stress, also protect against DNA oxidation damage. <i>European Journal of Nutrition</i> , 2017, 56, 1597-1607.	1.8	16
32	Differential menopause- versus aging-induced changes in oxidative stress and circadian rhythm gene markers. <i>Mechanisms of Ageing and Development</i> , 2017, 164, 41-48.	2.2	16
33	Chronodisruption and diet associated with increased cardiometabolic risk in coronary heart disease patients: the CORDIOPREV study. <i>Translational Research</i> , 2022, 242, 79-92.	2.2	15
34	Apolipoprotein E genetic variants interact with Mediterranean diet to modulate postprandial hypertriglyceridemia in coronary heart disease patients: CORDIOPREV study. <i>European Journal of Clinical Investigation</i> , 2019, 49, e13146.	1.7	14
35	Interplay between gonadal hormones and postnatal overfeeding in defining sex-dependent differences in gut microbiota architecture. <i>Ageing</i> , 2020, 12, 19979-20000.	1.4	14
36	Endotoxemia is modulated by quantity and quality of dietary fat in older adults. <i>Experimental Gerontology</i> , 2018, 109, 119-125.	1.2	13

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37	Prediabetes diagnosis criteria, type 2 diabetes risk and dietary modulation: The CORDIOPREV study. <i>Clinical Nutrition</i> , 2020, 39, 492-500.	2.3	13
38	TNFA gene variants related to the inflammatory status and its association with cellular aging: From the CORDIOPREV study. <i>Experimental Gerontology</i> , 2016, 83, 56-62.	1.2	11
39	Postprandial oxidative stress is modulated by dietary fat in adipose tissue from elderly people. <i>Age</i> , 2014, 36, 507-517.	3.0	10
40	Effect of frying oils on the postprandial endoplasmic reticulum stress in obese people. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 2239-2242.	1.5	10
41	Alpha cell function interacts with diet to modulate prediabetes and Type 2 diabetes. <i>Journal of Nutritional Biochemistry</i> , 2018, 62, 247-256.	1.9	10
42	Beta cell functionality and hepatic insulin resistance are major contributors to type 2 diabetes remission and starting pharmacological therapy: from CORDIOPREV randomized controlled trial. <i>Translational Research</i> , 2021, 238, 12-24.	2.2	10
43	A set of miRNAs predicts T2DM remission in patients with coronary heart disease: from the CORDIOPREV study. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 23, 255-263.	2.3	9
44	Endoplasmic reticulum stress in adipose tissue determines postprandial lipoprotein metabolism in metabolic syndrome patients. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 2166-2176.	1.5	7
45	Dietary Intervention Modulates the Expression of Splicing Machinery in Cardiovascular Patients at High Risk of Type 2 Diabetes Development: From the CORDIOPREV Study. <i>Nutrients</i> , 2020, 12, 3528.	1.7	7
46	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. <i>European Journal of Nutrition</i> , 2022, 61, 3019-3036.	1.8	6
47	Distinct features of C/N balance regulation in <i>Prochlorococcus</i> sp. strain MIT9313. <i>FEMS Microbiology Letters</i> , 2018, 365, .	0.7	5
48	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. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	3
49	Alternative Foods in Cardio-Healthy Dietary Models that Improve Postprandial Lipemia and Insulinemia in Obese People. <i>Nutrients</i> , 2021, 13, 2225.	1.7	2