Jos Lopez-Miranda

List of Publications by Citations

309 papers	10,298 citations	53 h-index	86 g-index
335 ext. papers	12,460 ext. citations	5.1 avg, IF	5.82 L-index

#	Paper	IF	Citations
309	Intestinal Microbiota Is Influenced by Gender and Body Mass Index. *PLoS ONE*, **2016**, 11, e0154090	3.7	337
308	Clinical efficacy and safety of achieving very low LDL-cholesterol concentrations with the PCSK9 inhibitor evolocumab: a prespecified secondary analysis of the FOURIER trial. *Lancet, The*, **2017**, 390, 1962-1971	40	336
307	Long chain omega-3 fatty acids and cardiovascular disease: a systematic review. *British Journal of Nutrition*, **2012**, 107 Suppl 2, S201-13	3.6	246
306	Dietary, physiological, genetic and pathological influences on postprandial lipid metabolism. *British Journal of Nutrition*, **2007**, 98, 458-73	3.6	230
305	Lipoprotein(a) levels in familial hypercholesterolemia: an important predictor of cardiovascular disease independent of the type of LDL receptor mutation. *Journal of the American College of Cardiology*, **2014**, 63, 1982-9	15.1	207
304	Phenolic content of virgin olive oil improves ischemic reactive hyperemia in hypercholesterolemic patients. *Journal of the American College of Cardiology*, **2005**, 46, 1864-8	15.1	195
303	Lifestyle recommendations for the prevention and management of metabolic syndrome: an international panel recommendation. *Nutrition Reviews*, **2017**, 75, 307-326	6.4	183
302	Monounsaturated fatty acid-enriched high-fat diets impede adipose NLRP3 inflammasome-mediated IL-1 secretion and insulin resistance despite obesity. *Diabetes*, **2015**, 64, 2116-28	8.9	182
301	Mediterranean and low-fat diets improve endothelial function in hypercholesterolemic men. *Annals of Internal Medicine*, **2001**, 134, 1115-9	8	178
300	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
299	A MUFA-rich diet improves posprandial glucose, lipid and GLP-1 responses in insulin-resistant subjects. *Journal of the American College of Nutrition*, **2007**, 26, 434-44	3.5	154
298	Effect of apolipoprotein E and A-IV phenotypes on the low density lipoprotein response to HMG CoA reductase inhibitor therapy. *Atherosclerosis*, **1995**, 113, 157-66	3.1	148
297	The influence of olive oil on human health: not a question of fat alone. *Molecular Nutrition and Food Research*, **2007**, 51, 1199-208	5.9	136
296	Olive oil and walnut breakfasts reduce the postprandial inflammatory response in mononuclear cells compared with a butter breakfast in healthy men. *Atherosclerosis*, **2009**, 204, e70-6	3.1	133
295	Protective effect of dietary monounsaturated fat on arteriosclerosis: beyond cholesterol. *Atherosclerosis*, **2002**, 163, 385-98	3.1	132
294	Butter and walnuts, but not olive oil, elicit postprandial activation of nuclear transcription factor kappaB in peripheral blood mononuclear cells from healthy men. *American Journal of Clinical Nutrition*, **2004**, 80, 1487-91	7	128
293	Effect of a Lifestyle Intervention Program With Energy-Restricted Mediterranean Diet and Exercise on Weight Loss and Cardiovascular Risk Factors: One-Year Results of the PREDIMED-Plus Trial. *Diabetes Care*, **2019**, 42, 777-788	14.6	123

292	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
291	Mediterranean diet rich in olive oil and obesity, metabolic syndrome and diabetes mellitus. *Current Pharmaceutical Design*, **2011**, 17, 769-77	3.3	116
290	The gut microbial community in metabolic syndrome patients is modified by diet. *Journal of Nutritional Biochemistry*, **2016**, 27, 27-31	6.3	113
289	Mediterranean diet reduces endothelial damage and improves the regenerative capacity of endothelium. *American Journal of Clinical Nutrition*, **2011**, 93, 267-74	7	111
288	Clinical characteristics and evaluation of LDL-cholesterol treatment of the Spanish Familial Hypercholesterolemia Longitudinal Cohort Study (SAFEHEART). *Lipids in Health and Disease*, **2011**, 10, 94	4.4	103
287	Circulating levels of endothelial function are modulated by dietary monounsaturated fat. *Atherosclerosis*, **1999**, 145, 351-8	3.1	97
286	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
285	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
284	Influence of gender and menopausal status on gut microbiota. *Maturitas*, **2018**, 116, 43-53	5	87
283	Cohort Profile: Design and methods of the PREDIMED-Plus randomized trial. *International Journal of Epidemiology*, **2019**, 48, 387-3880	7.8	87
282	Effects of functional olive oil enriched with its own phenolic compounds on endothelial function in hypertensive patients. A randomised controlled trial. *Food Chemistry*, **2015**, 167, 30-5	8.5	83
281	The chronic intake of a Mediterranean diet enriched in virgin olive oil, decreases nuclear transcription factor kappaB activation in peripheral blood mononuclear cells from healthy men. *Atherosclerosis*, **2007**, 194, e141-6	3.1	83
280	Rab18 dynamics in adipocytes in relation to lipogenesis, lipolysis and obesity. *PLoS ONE*, **2011**, 6, e22931	3.7	80
279	Serum vitamin D concentration does not predict insulin action or secretion in European subjects with the metabolic syndrome. *Diabetes Care*, **2010**, 33, 923-5	14.6	77
278	Intake of phenol-rich virgin olive oil improves the postprandial prothrombotic profile in hypercholesterolemic patients. *American Journal of Clinical Nutrition*, **2007**, 86, 341-6	7	77
277	Gene-diet interaction in determining plasma lipid response to dietary intervention. *Atherosclerosis*, **1995**, 118, S11-S27	3.1	76
276	Genetic and nutrient determinants of the metabolic syndrome. *Current Opinion in Cardiology*, **2006**, 21, 185-93	2.1	73
275	Comparison of Low-Density Lipoprotein Cholesterol Assessment by Martin/Hopkins Estimation, Friedewald Estimation, and Preparative Ultracentrifugation: Insights From the FOURIER Trial. *JAMA Cardiology*, **2018**, 3, 749-753	16.2	66

274	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
273	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
272	Obesity and body fat classification in the metabolic syndrome: impact on cardiometabolic risk metabotype. *Obesity*, **2013**, 21, E154-61	8	66
271	Mediterranean diet and quality of life: Baseline cross-sectional analysis of the PREDIMED-PLUS trial. *PLoS ONE*, **2018**, 13, e0198974	3.7	65
270	Low-fat and high-monounsaturated fatty acid diets decrease plasma cholesterol ester transfer protein concentrations in young, healthy, normolipemic men. *American Journal of Clinical Nutrition*, **2000**, 72, 36-41	7	65
269	Mediterranean diet supplemented with coenzyme Q10 modifies the expression of proinflammatory and endoplasmic reticulum stress-related genes in elderly men and women. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2012**, 67, 3-10	6.4	64
268	Endothelial aging associated with oxidative stress can be modulated by a healthy mediterranean diet. *International Journal of Molecular Sciences*, **2013**, 14, 8869-89	6.3	63
267	Oxidative stress is associated with the number of components of metabolic syndrome: LIPGENE study. *Experimental and Molecular Medicine*, **2013**, 45, e28	12.8	63
266	Extra virgin olive oil: More than a healthy fat. *European Journal of Clinical Nutrition*, **2019**, 72, 8-17	5.2	63
265	Mediterranean diet reduces senescence-associated stress in endothelial cells. *Age*, **2012**, 34, 1309-16		62
264	LIPGENE food-exchange model for alteration of dietary fat quantity and quality in free-living participants from eight European countries. *British Journal of Nutrition*, **2009**, 101, 750-9	3.6	62
263	Circulating CD45+/CD3+ lymphocyte-derived microparticles map lipid-rich atherosclerotic plaques in familial hypercholesterolaemia patients. *Thrombosis and Haemostasis*, **2014**, 111, 111-21	7	60
262	The stromal-vascular fraction of adipose tissue contributes to major differences between subcutaneous and visceral fat depots. *Proteomics*, **2010**, 10, 3356-66	4.8	59
261	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
260	The insulin resistance phenotype (muscle or liver) interacts with the type of diet to determine changes in disposition index after 2 years of intervention: the CORDIOPREV-DIAB randomised clinical trial. *Diabetologia*, **2016**, 59, 67-76	10.3	53
259	Cost-effectiveness of a cascade screening program for the early detection of familial hypercholesterolemia. *Journal of Clinical Lipidology*, **2017**, 11, 260-271	4.9	53
258	Postprandial oxidative stress is modified by dietary fat: evidence from a human intervention study. *Clinical Science*, **2010**, 119, 251-61	6.5	53
257	Moderate-to-high-intensity training and a hypocaloric Mediterranean diet enhance endothelial progenitor cells and fitness in subjects with the metabolic syndrome. *Clinical Science*, **2012**, 123, 361-73	6.5	53

256	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
255	Postprandial lipoprotein metabolism, genes and risk of cardiovascular disease. *Current Opinion in Lipidology*, **2006**, 17, 132-8	4.4	52
254	Leptin receptor polymorphisms interact with polyunsaturated fatty acids to augment risk of insulin resistance and metabolic syndrome in adults. *Journal of Nutrition*, **2010**, 140, 238-44	4.1	51
253	Human apolipoprotein A-I gene promoter mutation influences plasma low density lipoprotein cholesterol response to dietary fat saturation. *Atherosclerosis*, **1998**, 137, 367-76	3.1	50
252	Polymorphism exon 1 variant at the locus of the scavenger receptor class B type I gene: influence on plasma LDL cholesterol in healthy subjects during the consumption of diets with different fat contents. *American Journal of Clinical Nutrition*, **2003**, 77, 809-13	7	49
251	The Fluid Aspect of the Mediterranean Diet in the Prevention and Management of Cardiovascular Disease and Diabetes: The Role of Polyphenol Content in Moderate Consumption of Wine and Olive Oil. *Nutrients*, **2019**, 11,	6.7	49
250	Gene-nutrient interactions with dietary fat modulate the association between genetic variation of the ACSL1 gene and metabolic syndrome. *Journal of Lipid Research*, **2010**, 51, 1793-800	6.3	48
249	Dietary fat differentially influences regulatory endothelial function during the postprandial state in patients with metabolic syndrome: from the LIPGENE study. *Atherosclerosis*, **2010**, 209, 533-8	3.1	48
248	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
247	Association between glucokinase regulatory protein (GCKR) and apolipoprotein A5 (APOA5) gene polymorphisms and triacylglycerol concentrations in fasting, postprandial, and fenofibrate-treated states. *American Journal of Clinical Nutrition*, **2009**, 89, 391-9	7	47
246	Adiponectin gene variants are associated with insulin sensitivity in response to dietary fat consumption in Caucasian men. *Journal of Nutrition*, **2008**, 138, 1609-14	4.1	47
245	The Ala54Thr polymorphism of the fatty acidBinding protein 2 gene is associated with a change in insulin sensitivity after a change in the type of dietary fat. *American Journal of Clinical Nutrition*, **2005**, 82, 196-200	7	46
244	Olive oil phenolic compounds decrease the postprandial inflammatory response by reducing postprandial plasma lipopolysaccharide levels. *Food Chemistry*, **2014**, 162, 161-71	8.5	45
243	Update on genetics of postprandial lipemia. *Atherosclerosis Supplements*, **2010**, 11, 39-43	1.7	45
242	NOS3 gene polymorphisms are associated with risk markers of cardiovascular disease, and interact with omega-3 polyunsaturated fatty acids. *Atherosclerosis*, **2010**, 211, 539-44	3.1	44
241	Postprandial antioxidant effect of the Mediterranean diet supplemented with coenzyme Q10 in elderly men and women. *Age*, **2011**, 33, 579-90		43
240	Effects of variations in the APOA1/C3/A4/A5 gene cluster on different parameters of postprandial lipid metabolism in healthy young men. *Journal of Lipid Research*, **2010**, 51, 63-73	6.3	43
239	Beneficial effect of CLOCK gene polymorphism rs1801260 in combination with low-fat diet on insulin metabolism in the patients with metabolic syndrome. *Chronobiology International*, **2014**, 31, 401-8	3.6	42

238	The influence of lipoprotein lipase gene variation on postprandial lipoprotein metabolism. *Journal of Clinical Endocrinology and Metabolism*, **2004**, 89, 4721-8	5.6	42
237	Metabolic phenotypes of obesity influence triglyceride and inflammation homoeostasis. *European Journal of Clinical Investigation*, **2014**, 44, 1053-64	4.6	41
236	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
235	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, 1509-17	7	40
234	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
233	Chronic dietary fat intake modifies the postprandial response of hemostatic markers to a single fatty test meal. *American Journal of Clinical Nutrition*, **2008**, 87, 317-22	7	40
232	Two independent apolipoprotein A5 haplotypes modulate postprandial lipoprotein metabolism in a healthy Caucasian population. *Journal of Clinical Endocrinology and Metabolism*, **2007**, 92, 2280-5	5.6	39
231	Proteasome Dysfunction Associated to Oxidative Stress and Proteotoxicity in Adipocytes Compromises Insulin Sensitivity in Human Obesity. *Antioxidants and Redox Signaling*, **2015**, 23, 597-612	8.4	38
230	Effect of a Nutritional and Behavioral Intervention on Energy-Reduced Mediterranean Diet Adherence Among Patients With Metabolic Syndrome: Interim Analysis of the PREDIMED-Plus Randomized Clinical Trial. *JAMA - Journal of the American Medical Association*, **2019**, 322, 1486-1499	27.4	38
229	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
228	A low-fat, high-complex carbohydrate diet supplemented with long-chain (n-3) fatty acids alters the postprandial lipoprotein profile in patients with metabolic syndrome. *Journal of Nutrition*, **2010**, 140, 1595-601	4.1	38
227	n-3 PUFA and lipotoxicity. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2010**, 1801, 362-6	5	38
226	Influence of genetic factors in the modulation of postprandial lipemia. *Atherosclerosis Supplements*, **2008**, 9, 49-55	1.7	38
225	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
224	A polymorphism exon 1 variant at the locus of the scavenger receptor class B type I (SCARB1) gene is associated with differences in insulin sensitivity in healthy people during the consumption of an olive oil-rich diet. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 2297-300	5.6	37
223	Effect of 347-serine mutation in apoprotein A-IV on plasma LDL cholesterol response to dietary fat. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **1997**, 17, 1532-8	9.4	37
222	Olive oil and haemostasis: platelet function, thrombogenesis and fibrinolysis. *Current Pharmaceutical Design*, **2011**, 17, 778-85	3.3	36
221	The influence of the apolipoprotein E gene promoter (-219G/ T) polymorphism on postprandial lipoprotein metabolism in young normolipemic males. *Journal of Lipid Research*, **2003**, 44, 2059-64	6.3	36

220	Dietary fat clearance is modulated by genetic variation in apolipoprotein A-IV gene locus. *Journal of Lipid Research*, **1998**, 39, 2493-2500	6.3	34
219	ABCA1 gene variants regulate postprandial lipid metabolism in healthy men. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2010**, 30, 1051-7	9.4	33
218	Effects of dietary fat modification on oxidative stress and inflammatory markers in the LIPGENE study. *British Journal of Nutrition*, **2010**, 104, 1357-62	3.6	33
217	The effect of dietary fat on LDL size is influenced by apolipoprotein E genotype in healthy subjects. *Journal of Nutrition*, **2004**, 134, 2517-22	4.1	33
216	Effects of the human apolipoprotein A-I promoter G-A mutation on postprandial lipoprotein metabolism. *American Journal of Clinical Nutrition*, **2002**, 76, 319-25	7	33
215	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
214	Postprandial antioxidant gene expression is modified by Mediterranean diet supplemented with coenzyme Q(10) in elderly men and women. *Age*, **2013**, 35, 159-70		32
213	Mediterranean diet and endothelial function in patients with coronary heart disease: An analysis of the CORDIOPREV randomized controlled trial. *PLoS Medicine*, **2020**, 17, e1003282	11.6	32
212	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, 1519-27	5.9	31
211	An apolipoprotein A-II polymorphism (-265T/C, rs5082) regulates postprandial response to a saturated fat overload in healthy men. *Journal of Nutrition*, **2007**, 137, 2024-8	4.1	31
210	Plasma lipid response to hypolipidemic diets in young healthy non-obese men varies with body mass index. *Journal of Nutrition*, **1998**, 128, 1144-9	4.1	31
209	Type 2 diabetes and cognitive impairment in an older population with overweight or obesity and metabolic syndrome: baseline cross-sectional analysis of the PREDIMED-plus study. *Scientific Reports*, **2018**, 8, 16128	4.9	31
208	Total and Subtypes of Dietary Fat Intake and Its Association with Components of the Metabolic Syndrome in a Mediterranean Population at High Cardiovascular Risk. *Nutrients*, **2019**, 11,	6.7	30
207	Transcriptomic coordination in the human metabolic network reveals links between n-3 fat intake, adipose tissue gene expression and metabolic health. *PLoS Computational Biology*, **2011**, 7, e1002223	5	30
206	Mediterranean Diet and Cardiovascular Risk: Beyond Traditional Risk Factors. *Critical Reviews in Food Science and Nutrition*, **2016**, 56, 788-801	11.5	29
205	Peroxisome proliferator-activated receptor alpha polymorphisms and postprandial lipemia in healthy men. *Journal of Lipid Research*, **2007**, 48, 1402-8	6.3	29
204	A single nucleotide polymorphism of the apolipoprotein A-V gene -1131T>C modulates postprandial lipoprotein metabolism. *Atherosclerosis*, **2006**, 189, 163-8	3.1	29
203	Monounsaturated Fat and Cardiovascular Risk. *Nutrition Reviews*, **2006**, 64, S2-S12	6.4	29

202	Metabolic syndrome: evidences for a personalized nutrition. *Molecular Nutrition and Food Research*, **2012**, 56, 67-76	5.9	28
201	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
200	Low-density lipoprotein metabolism in rats treated with cyclosporine. *Metabolism: Clinical and Experimental*, **1993**, 42, 678-83	12.7	28
199	An acute intake of a walnut-enriched meal improves postprandial adiponectin response in healthy young adults. *Nutrition Research*, **2013**, 33, 1012-8	4	27
198	ACC2 gene polymorphisms, metabolic syndrome, and gene-nutrient interactions with dietary fat. *Journal of Lipid Research*, **2010**, 51, 3500-7	6.3	27
197	Olive oil and the haemostatic system. *Molecular Nutrition and Food Research*, **2007**, 51, 1249-59	5.9	27
196	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	3.2	26
195	Dysregulation of the Splicing Machinery Is Associated to the Development of Nonalcoholic Fatty Liver Disease. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 3389-3402	5.6	25
194	APOE genotype influences insulin resistance, apolipoprotein CII and CIII according to plasma fatty acid profile in the Metabolic Syndrome. *Scientific Reports*, **2017**, 7, 6274	4.9	25
193	Association of cellular adhesion molecules and oxidative stress with endothelial function in obstructive sleep apnea. *Internal Medicine*, **2012**, 51, 363-8	1.1	25
192	The apolipoprotein A-IV-360His polymorphism determines the dietary fat clearance in normal subjects. *Atherosclerosis*, **2000**, 153, 209-17	3.1	25
191	Impact of the Content of Fatty Acids of Oral Fat Tolerance Tests on Postprandial Triglyceridemia: Systematic Review and Meta-Analysis. *Nutrients*, **2016**, 8,	6.7	25
190	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
189	Nutrigenetics of the lipoprotein metabolism. *Molecular Nutrition and Food Research*, **2012**, 56, 171-83	5.9	24
188	Epidemiologic Behavior and Estimation of an Optimal Cut-Off Point for Homeostasis Model Assessment-2 Insulin Resistance: A Report from a Venezuelan Population. *International Scholarly Research Notices*, **2014**, 2014, 616271	0	24
187	Interleukin 1B variant -1473G/C (rs1143623) influences triglyceride and interleukin 6 metabolism. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, E816-20	5.6	24
186	Effect of cyclosporin on plasma lipoproteins in bone marrow transplantation patients. *Clinical Biochemistry*, **1992**, 25, 379-86	3.5	24
185	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

184	Ghrelin O-acyltransferase (GOAT) enzyme is overexpressed in prostate cancer, and its levels are associated with patients' metabolic status: Potential value as a non-invasive biomarker. *Cancer Letters*, **2016**, 383, 125-134	9.9	24
183	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
182	Effect of Dietary Lipids on Endotoxemia Influences Postprandial Inflammatory Response. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 7756-7763	5.7	23
181	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
180	Dietary fat, genes and insulin sensitivity. *Journal of Molecular Medicine*, **2007**, 85, 213-26	5.5	23
179	Apolipoprotein E gene promoter -219G->T polymorphism increases LDL-cholesterol concentrations and susceptibility to oxidation in response to a diet rich in saturated fat. *American Journal of Clinical Nutrition*, **2004**, 80, 1404-9	7	23
178	Postprandial Hypertriglyceridaemia Revisited in the Era of Non-Fasting Lipid Profile Testing: A 2019 Expert Panel Statement, Main Text. *Current Vascular Pharmacology*, **2019**, 17, 498-514	3.3	23
177	Genetic variations at the lipoprotein lipase gene influence plasma lipid concentrations and interact with plasma n-6 polyunsaturated fatty acids to modulate lipid metabolism. *Atherosclerosis*, **2011**, 218, 416-22	3.1	22
176	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
175	A Period 2 genetic variant interacts with plasma SFA to modify plasma lipid concentrations in adults with metabolic syndrome. *Journal of Nutrition*, **2012**, 142, 1213-8	4.1	22
174	A monounsaturated fatty acid-rich diet reduces macrophage uptake of plasma oxidised low-density lipoprotein in healthy young men. *British Journal of Nutrition*, **2008**, 100, 569-75	3.6	22
173	Postprandial triacylglycerol metabolism is modified by the presence of genetic variation at the perilipin (PLIN) locus in 2 white populations. *American Journal of Clinical Nutrition*, **2008**, 87, 744-52	7	22
172	Scavenger receptor class B type I (SCARB1) c.1119C>T polymorphism affects postprandial triglyceride metabolism in men. *Journal of Nutrition*, **2007**, 137, 578-82	4.1	22
171	Glucokinase regulatory protein genetic variant interacts with omega-3 PUFA to influence insulin resistance and inflammation in metabolic syndrome. *PLoS ONE*, **2011**, 6, e20555	3.7	22
170	Effects of rs7903146 variation in the Tcf7l2 gene in the lipid metabolism of three different populations. *PLoS ONE*, **2012**, 7, e43390	3.7	22
169	Carbohydrate quality changes and concurrent changes in cardiovascular risk factors: a longitudinal analysis in the PREDIMED-Plus randomized trial. *American Journal of Clinical Nutrition*, **2020**, 111, 291-306	7	22
168	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
167	It is time to define metabolically obese but normal-weight (MONW) individuals. *Clinical Endocrinology*, **2013**, 79, 314-5	3.4	21

166	Nutrients in Energy and One-Carbon Metabolism: Learning from Metformin Users. *Nutrients*, **2017**, 9,	6.7	21
165	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, 2556-64	5.9	21
164	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
163	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
162	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
161	International physical activity questionnaire overestimation is ameliorated by individual analysis of the scores. *American Journal of Therapeutics*, **2013**, 20, 448-58	1	20
160	Epigenetics and nutrition-related epidemics of metabolic diseases: Current perspectives and challenges. *Food and Chemical Toxicology*, **2016**, 96, 191-204	4.7	20
159	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	7	20
158	Calpain-10 interacts with plasma saturated fatty acid concentrations to influence insulin resistance in individuals with the metabolic syndrome. *American Journal of Clinical Nutrition*, **2011**, 93, 1136-41	7	19
157	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
156	Olive oil and haemostasis: a review on its healthy effects. *Public Health Nutrition*, **2006**, 9, 1083-8	3.3	19
155	Nutrigenetics of the postprandial lipoprotein metabolism: evidences from human intervention studies. *Current Vascular Pharmacology*, **2011**, 9, 287-91	3.3	19
154	Postprandial Hypertriglyceridaemia Revisited in the Era of Non-fasting Lipid Profiles: Executive Summary of a 2019 Expert Panel Statement. *Current Vascular Pharmacology*, **2019**, 17, 538-540	3.3	18
153	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
152	The apolipoprotein E gene promoter (-219G/T) polymorphism determines insulin sensitivity in response to dietary fat in healthy young adults. *Journal of Nutrition*, **2005**, 135, 2535-40	4.1	17
151	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
150	Associations between Dietary Polyphenols and Type 2 Diabetes in a Cross-Sectional Analysis of the PREDIMED-Plus Trial: Role of Body Mass Index and Sex. *Antioxidants*, **2019**, 8,	7.1	17
149	Postprandial endotoxemia may influence the development of type 2 diabetes mellitus: From the CORDIOPREV study. *Clinical Nutrition*, **2019**, 38, 529-538	5.9	17

148	Diet quality and nutrient density in subjects with metabolic syndrome: Influence of socioeconomic status and lifestyle factors. A cross-sectional assessment in the PREDIMED-Plus study. *Clinical Nutrition*, **2020**, 39, 1161-1173	5.9	17
147	Lipoprotein(a), LDL-cholesterol, and hypertension: predictors of the need for aortic valve replacement in familial hypercholesterolaemia. *European Heart Journal*, **2021**, 42, 2201-2211	9.5	17
146	Physical fitness and physical activity association with cognitive function and quality of life: baseline cross-sectional analysis of the PREDIMED-Plus trial. *Scientific Reports*, **2020**, 10, 3472	4.9	16
145	Adipose tissue depot-specific intracellular and extracellular cues contributing to insulin resistance in obese individuals. *FASEB Journal*, **2020**, 34, 7520-7539	0.9	16
144	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	6.4	16
143	Dietary fat modifies lipid metabolism in the adipose tissue of metabolic syndrome patients. *Genes and Nutrition*, **2014**, 9, 409	4.3	16
142	Postprandial effects of the Mediterranean diet on oxidant and antioxidant status in elderly men and women. *Journal of the American Geriatrics Society*, **2011**, 59, 938-40	5.6	16
141	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
140	Dietary fat modifications and blood pressure in subjects with the metabolic syndrome in the LIPGENE dietary intervention study. *British Journal of Nutrition*, **2010**, 104, 160-3	3.6	16
139	The -514 C/T polymorphism in the hepatic lipase gene promoter is associated with insulin sensitivity in a healthy young population. *Journal of Molecular Endocrinology*, **2005**, 34, 331-8	4.5	16
138	The Ala54Thr polymorphism of the fatty acid-binding protein 2 gene is associated with a change in insulin sensitivity after a change in the type of dietary fat. *American Journal of Clinical Nutrition*, **2005**, 82, 196-200	7	16
137	Proteome from patients with metabolic syndrome is regulated by quantity and quality of dietary lipids. *BMC Genomics*, **2015**, 16, 509	4.5	15
136	Mediterranean Diet, Glucose Homeostasis, and Inflammasome Genetic Variants: The CORDIOPREV Study. *Molecular Nutrition and Food Research*, **2018**, 62, e1700960	5.9	15
135	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
134	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
133	The cytoskeletal protein septin 11 is associated with human obesity and is involved in adipocyte lipid storage and metabolism. *Diabetologia*, **2017**, 60, 324-335	10.3	15
132	Impact of geographical region on urinary metabolomic and plasma fatty acid profiles in subjects with the metabolic syndrome across Europe: the LIPGENE study. *British Journal of Nutrition*, **2014**, 111, 424-31	3.6	15
131	Effect of fat feeding on human intestinal apolipoprotein B mRNA levels and editing. *Lipids and Lipid Metabolism*, **1994**, 1214, 143-7		15

130	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
129	Lipoprotein profile, plasma ischemia modified albumin and LDL density change in the course of postprandial lipemia. Insights from the LIPGENE study. *Scandinavian Journal of Clinical and Laboratory Investigation*, **2010**, 70, 201-8	2	14
128	The Mediterranean and CHO diets decrease VCAM-1 and E-selectin expression induced by modified low-density lipoprotein in HUVECs. *Nutrition, Metabolism and Cardiovascular Diseases*, **2006**, 16, 524-30	4.5	14
127	Postprandial activation of p53-dependent DNA repair is modified by Mediterranean diet supplemented with coenzyme Q10 in elderly subjects. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2014**, 69, 886-93	6.4	13
126	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
125	Dietary fat alters the expression of cortistatin and ghrelin systems in the PBMCs of elderly subjects: putative implications in the postprandial inflammatory response. *Molecular Nutrition and Food Research*, **2014**, 58, 1897-906	5.9	13
124	Nutraceuticals and coronary heart disease. *Current Opinion in Cardiology*, **2013**, 28, 475-82	2.1	13
123	Gene variations of nitric oxide synthase regulate the effects of a saturated fat rich meal on endothelial function. *Clinical Nutrition*, **2011**, 30, 234-8	5.9	13
122	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
121	Postprandial lipemia is modified by the presence of the APOB-516C/T polymorphism in a healthy Caucasian population. *Lipids*, **2007**, 42, 143-50	1.6	12
120	Effect of cyclosporin on plasma lipoprotein lipase activity in rats. *Clinical Biochemistry*, **1992**, 25, 387-94	3.5	12
119	Postprandial Hypertriglyceridaemia Revisited in the Era of Non-Fasting Lipid Profile Testing: A 2019 Expert Panel Statement, Narrative Review. *Current Vascular Pharmacology*, **2019**, 17, 515-537	3.3	12
118	Mediterranean Diet and Endothelial Function: A Review of its Effects at Different Vascular Bed Levels. *Nutrients*, **2020**, 12,	6.7	12
117	Adherence to a priori dietary indexes and baseline prevalence of cardiovascular risk factors in the PREDIMED-Plus randomised trial. *European Journal of Nutrition*, **2020**, 59, 1219-1232	5.2	12
116	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
115	Plasma ghrelin O-acyltransferase (GOAT) enzyme levels: A novel non-invasive diagnosis tool for patients with significant prostate cancer. *Journal of Cellular and Molecular Medicine*, **2018**, 22, 5688-5697	5.6	12
114	Elevated GH/IGF-I promotes mammary tumors in high-fat, but not low-fat, fed mice. *Carcinogenesis*, **2014**, 35, 2467-73	4.6	11
113	The effect of the plasma n-3/n-6 polyunsaturated fatty acid ratio on the dietary LDL phenotype transformation - insights from the LIPGENE study. *Clinical Nutrition*, **2009**, 28, 510-5	5.9	11

112	The APOB -516C/T polymorphism has no effect on lipid and apolipoprotein response following changes in dietary fat intake in a healthy population. *Nutrition, Metabolism and Cardiovascular Diseases*, **2007**, 17, 224-9	4.5	11
111	Distribution of beta-carotene and vitamin A in lipoprotein fractions of ferret serum. Effect of beta-carotene supplementation. *Annals of the New York Academy of Sciences*, **1993**, 691, 232-7	6.5	11
110	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
109	Endotoxemia is modulated by quantity and quality of dietary fat in older adults. *Experimental Gerontology*, **2018**, 109, 119-125	4.5	11
108	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
107	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	3.1	10
106	Influence of endothelial dysfunction on telomere length in subjects with metabolic syndrome: LIPGENE study. *Age*, **2014**, 36, 9681		10
105	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
104	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
103	Variety in fruits and vegetables, diet quality and lifestyle in an older adult mediterranean population. *Clinical Nutrition*, **2021**, 40, 1510-1518	5.9	10
102	High sleep variability predicts a blunted weight loss response and short sleep duration a reduced decrease in waist circumference in the PREDIMED-Plus Trial. *International Journal of Obesity*, **2020**, 44, 330-339	5.5	10
101	Dietary habits, lipoprotein metabolism and cardiovascular disease: From individual foods to dietary patterns. *Critical Reviews in Food Science and Nutrition*, **2021**, 61, 1651-1669	11.5	10
100	Document of recommendations of the SEA 2018. Lifestyle in cardiovascular prevention. *Clínica E Investigación En Arteriosclerosis*, **2018**, 30, 280-310	1.4	10
99	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	4.6	9
98	Nut Consumptions as a Marker of Higher Diet Quality in a Mediterranean Population at High Cardiovascular Risk. *Nutrients*, **2019**, 11,	6.7	9
97	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
96	Optimal Waist Circumference Cut-Off Point for Multiple Risk Factor Aggregation: Results from the Maracaibo City Metabolic Syndrome Prevalence Study. *Epidemiology Research International*, **2014**, 2014, 1-9		9
95	The leptin receptor Gln223Arg polymorphism (rs1137101) mediates the postprandial lipaemic response, but only in males. *Atherosclerosis*, **2012**, 225, 135-41	3.1	9

94	Dietary oil modifies the plasma proteome during aging in the rat. *Age*, **2012**, 34, 341-58		9
93	The APOB -516C/T polymorphism is associated with differences in insulin sensitivity in healthy males during the consumption of diets with different fat content. *British Journal of Nutrition*, **2007**, 97, 622-7	3.6	9
92	Nutrigenetics, metabolic syndrome risk and personalized nutrition. *Current Vascular Pharmacology*, **2013**, 11, 946-53	3.3	9
91	Use of Different Food Classification Systems to Assess the Association between Ultra-Processed Food Consumption and Cardiometabolic Health in an Elderly Population with Metabolic Syndrome (PREDIMED-Plus Cohort). *Nutrients*, **2021**, 13,	6.7	9
90	Alpha cell function interacts with diet to modulate prediabetes and Type 2 diabetes. *Journal of Nutritional Biochemistry*, **2018**, 62, 247-256	6.3	9
89	Interaction of an S100A9 gene variant with saturated fat and carbohydrates to modulate insulin resistance in 3 populations of different ancestries. *American Journal of Clinical Nutrition*, **2016**, 104, 508-17	7	8
88	Postprandial oxidative stress is modulated by dietary fat in adipose tissue from elderly people. *Age*, **2014**, 36, 507-17		8
87	Fibroblast growth factor 23 predicts carotid atherosclerosis in individuals without kidney disease. The CORDIOPREV study. *European Journal of Internal Medicine*, **2020**, 74, 79-85	3.9	8
86	Plasma metabolic alterations in patients with severe obesity and non-alcoholic steatohepatitis. *Alimentary Pharmacology and Therapeutics*, **2020**, 51, 374-387	6.1	8
85	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	5.9	8
84	Influence of Obesity in the miRNome: miR-4454, a Key Regulator of Insulin Response Via Splicing Modulation in Prostate. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, e469-e484	5.6	8
83	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
82	Serum Magnesium is associated with Carotid Atherosclerosis in patients with high cardiovascular risk (CORDIOPREV Study). *Scientific Reports*, **2019**, 9, 8013	4.9	7
81	Gene-nutrient interactions on the phosphoenolpyruvate carboxykinase influence insulin sensitivity in metabolic syndrome subjects. *Clinical Nutrition*, **2013**, 32, 630-5	5.9	7
80	A variant near the melanocortin-4 receptor gene regulates postprandial lipid metabolism in a healthy Caucasian population. *British Journal of Nutrition*, **2011**, 106, 468-71	3.6	7
79	Monounsaturated Fat and Cardiovascular Risk. *Nutrition Reviews*, **2006**, 64, 2-12	6.4	7
78	Obesity alters gene expression for GH/IGF-I axis in mouse mammary fat pads: differential role of cortistatin and somatostatin. *PLoS ONE*, **2015**, 10, e0120955	3.7	7
77	Effects of dietary fat on insulin secretion in subjects with the metabolic syndrome. *European Journal of Endocrinology*, **2019**, 180, 321-328	6.5	7

76	Metabolic Syndrome Features and Excess Weight Were Inversely Associated with Nut Consumption after 1-Year Follow-Up in the PREDIMED-Plus Study. *Journal of Nutrition*, **2020**, 150, 3161-3170	4.1	7
75	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
74	Endothelial Dysfunction and Advanced Glycation End Products in Patients with Newly Diagnosed Versus Established Diabetes: From the CORDIOPREV Study. *Nutrients*, **2020**, 12,	6.7	6
73	Lifestyle factors modulate postprandial hypertriglyceridemia: From the CORDIOPREV study. *Atherosclerosis*, **2019**, 290, 118-124	3.1	6
72	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
71	Association between dairy product consumption and hyperuricemia in an elderly population with metabolic syndrome. *Nutrition, Metabolism and Cardiovascular Diseases*, **2020**, 30, 214-222	4.5	6
70	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
69	Prediabetes diagnosis criteria, type 2 diabetes risk and dietary modulation: The CORDIOPREV study. *Clinical Nutrition*, **2020**, 39, 492-500	5.9	6
68	Mediterranean Diet Reduces Atherosclerosis Progression in Coronary Heart Disease: An Analysis of the CORDIOPREV Randomized Controlled Trial. *Stroke*, **2021**, 52, 3440-3449	6.7	6
67	Dietary, Physiological, and Genetic Impacts on Postprandial Lipid Metabolism. *Frontiers in Neuroscience*, **2009**, 417-460		5
66	Interplay between gonadal hormones and postnatal overfeeding in defining sex-dependent differences in gut microbiota architecture. *Aging*, **2020**, 12, 19979-20000	5.6	5
65	The Effect of Physical Activity and High Body Mass Index on Health-Related Quality of Life in Individuals with Metabolic Syndrome. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	5
64	Clinical Utility of Ghrelin-O-Acyltransferase (GOAT) Enzyme as a Diagnostic Tool and Potential Therapeutic Target in Prostate Cancer. *Journal of Clinical Medicine*, **2019**, 8,	5.1	5
63	Cross-sectional association between non-soy legume consumption, serum uric acid and hyperuricemia: the PREDIMED-Plus study. *European Journal of Nutrition*, **2020**, 59, 2195-2206	5.2	5
62	Incidencia de eventos cardiovasculares y cambios en el riesgo estimado y en el tratamiento de la hipercolesterolemia familiar: registro SAFEHEART. *Revista Espanola De Cardiologia*, **2020**, 73, 828-834	1.5	4
61	New diet trials and cardiovascular risk. *Current Opinion in Cardiology*, **2018**, 33, 423-428	2.1	4
60	Quantitative evaluation of capillaroscopic microvascular changes in patients with established coronary heart disease. *Medicina Clínica*, **2018**, 150, 131-137	1	4
59	Insulin receptor substrate-2 gene variants in subjects with metabolic syndrome: association with plasma monounsaturated and n-3 polyunsaturated fatty acid levels and insulin resistance. *Molecular Nutrition and Food Research*, **2012**, 56, 309-15	5.9	4

58	R353Q polymorphism in the factor VII gene and cardiovascular risk in Heterozygous Familial Hypercholesterolemia: a case-control study. *Lipids in Health and Disease*, **2011**, 10, 50	4.4	4
57	Genetic variations of the apolipoprotein E gene determine the plasma triglyceride levels after heart transplantation. *Journal of Heart and Lung Transplantation*, **2000**, 19, 765-70	5.8	4
56	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	5.7	3
55	Lack of cortistatin or somatostatin differentially influences DMBA-induced mammary gland tumorigenesis in mice in an obesity-dependent mode. *Breast Cancer Research*, **2016**, 18, 29	8.3	3
54	Pre-exercise intake of different carbohydrates modifies ischemic reactive hyperemia after a session of anaerobic, but not after aerobic exercise. *Journal of Strength and Conditioning Research*, **2010**, 24, 1623-32	3.2	3
53	Aceite de oliva y prevenci□n cardiovascular: m□s que una grasa. *Cl□nica E Investigaci□n En Arteriosclerosis*, **2006**, 18, 195-205	1.4	3
52	The apo A-I gene promoter region polymorphism determines the severity of hyperlipidemia after heart transplantation. *Clinical Transplantation*, **2003**, 17, 56-62	3.8	3
51	The effect of cyclosporine on exocrine function of the rat pancreas--an in vitro study. *Transplantation*, **1991**, 51, 562-5	1.8	3
50	Relevance of postprandial lipemia in metabolic syndrome. *Current Vascular Pharmacology*, **2013**, 11, 920-7	3.3	3
49	Consumption of caffeinated beverages and kidney function decline in an elderly Mediterranean population with metabolic syndrome. *Scientific Reports*, **2021**, 11, 8719	4.9	3
48	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,	6.7	3
47	An altered microbiota pattern precedes Type 2 diabetes mellitus development: From the CORDIOPREV study.. *Journal of Advanced Research*, **2022**, 35, 99-108	13	3
46	Longitudinal changes in adherence to the portfolio and DASH dietary patterns and cardiometabolic risk factors in the PREDIMED-Plus study. *Clinical Nutrition*, **2021**, 40, 2825-2836	5.9	3
45	Age-dependent effect of metabolic phenotypes on carotid atherosclerotic disease in coronary heart disease patients (CORDIOPREV study). *BMC Geriatrics*, **2020**, 20, 151	4.1	3
44	Dietary folate intake and metabolic syndrome in participants of PREDIMED-Plus study: a cross-sectional study. *European Journal of Nutrition*, **2021**, 60, 1125-1136	5.2	3
43	Coenzyme Q10 as an Antioxidant in the Elderly **2014**, 109-117		2
42	Efecto de la dieta mediterr□nea en los valores plasm□ticos de factor VII activado en personas sanas. *Revista Espanola De Cardiologia*, **2005**, 58, 285-289	1.5	2
41	High Fruit and Vegetable Consumption and Moderate Fat Intake Are Associated with Higher Carotenoid Concentration in Human Plasma. *Antioxidants*, **2021**, 10,	7.1	2

40	Glutaminolysis-induced mTORC1 activation drives non-alcoholic steatohepatitis progression. *Journal of Hepatology*, **2021**,	13.4	2
39	Olive Oil Intake and Cardiovascular Disease Prevention: "Seek and You Shall Find". *Current Cardiology Reports*, **2021**, 23, 64	4.2	2
38	Nutrient adequacy and diet quality in a Mediterranean population with metabolic syndrome: A cross-sectional study. *Clinical Nutrition*, **2020**, 39, 853-861	5.9	2
37	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
36	Document of recommendations of the SEA 2018. Lifestyle in cardiovascular prevention. *Clínica E Investigación En Arteriosclerosis (English Edition)*, **2018**, 30, 280-310	0.3	2
35	Biological senescence risk score. A practical tool to predict biological senescence status. *European Journal of Clinical Investigation*, **2020**, 50, e13305	4.6	1
34	Incidence of cardiovascular events and changes in the estimated risk and treatment of familial hypercholesterolemia: the SAFEHEART registry. *Revista Espanola De Cardiologia (English Ed)*, **2020**, 73, 828-834	0.7	1
33	Efecto de la cantidad y el tipo de grasa de la dieta en la respuesta posprandial de la concentración de proteína C reactiva en el síndrome metabólico. *Clínica E Investigación En Arteriosclerosis*, **2009**, 21, 281-286	1.4	1
32	Olive Oil and Haemostasis. *Current Nutrition and Food Science*, **2007**, 3, 175-182	0.7	1
31	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	5.9	1
30	Influence of dietary intervention on microvascular endothelial function in coronary patients and atherothrombotic risk of recurrence. *Scientific Reports*, **2021**, 11, 20301	4.9	1
29	A plasma fatty acid profile associated to type 2 diabetes development: from the CORDIOPREV study. *European Journal of Nutrition*, **2021**, 1	5.2	1
28	Glycemic Dysregulations Are Associated With Worsening Cognitive Function in Older Participants at High Risk of Cardiovascular Disease: Two-Year Follow-up in the PREDIMED-Plus Study. *Frontiers in Endocrinology*, **2021**, 12, 754347	5.7	1
27	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
26	Dietary Quality Changes According to the Preceding Maximum Weight: A Longitudinal Analysis in the PREDIMED-Plus Randomized Trial. *Nutrients*, **2020**, 12,	6.7	1
25	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
24	Milk and Dairy Products Intake Is Related to Cognitive Impairment at Baseline in Predimed Plus Trial. *Molecular Nutrition and Food Research*, **2021**, 65, e2000728	5.9	1
23	Fruit and Vegetable Consumption is Inversely Associated with Plasma Saturated Fatty Acids at Baseline in Predimed Plus Trial. *Molecular Nutrition and Food Research*, **2021**, 65, e2100363	5.9	1

22	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
21	Pro-vegetarian food patterns and cardiometabolic risk in the PREDIMED-Plus study: a cross-sectional baseline analysis. *European Journal of Nutrition*, **2021**, 1	5.2	1
20	Physical activity and metabolic syndrome severity among older adults at cardiovascular risk: 1-Year trends. *Nutrition, Metabolism and Cardiovascular Diseases*, **2021**, 31, 2870-2886	4.5	1
19	Quantitative evaluation of capillaroscopic microvascular changes in patients with established coronary heart disease. *Medicina Clínica (English Edition)*, **2018**, 150, 131-137	0.3	0
18	Factors associated with successful dietary changes in an energy-reduced Mediterranean diet intervention: a longitudinal analysis in the PREDIMED-Plus trial. *European Journal of Nutrition*, **2021**, 1	5.2	0
17	The Mediterranean Diet **2020**, 17-31		0
16	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	8.7	0
15	Psychological and metabolic risk factors in older adults with a previous history of eating disorder: A cross-sectional study from the Predimed-Plus study. *European Eating Disorders Review*, **2021**, 29, 575-587	5.3	0
14	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
13	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
12	Prospective associations between a priori dietary patterns adherence and kidney function in an elderly Mediterranean population at high cardiovascular risk.. *European Journal of Nutrition*, **2022**, 1	5.2	0
11	Mediterranean, DASH, and MIND Dietary Patterns and Cognitive Function: The 2-Year Longitudinal Changes in an Older Spanish Cohort.. *Frontiers in Aging Neuroscience*, **2021**, 13, 782067	5.3	0
10	Contribution of cardio-vascular risk factors to depressive status in the PREDIMED-PLUS Trial. A cross-sectional and a 2-year longitudinal study.. *PLoS ONE*, **2022**, 17, e0265079	3.7	0
9	Coenzyme Q10 as an antioxidant in the elderly **2020**, 165-171		
8	Postprandial metabolism: from research to clinical practice. *Clinical Lipidology*, **2013**, 8, 395-398		
7	Interacción de los compuestos fenólicos del aceite de oliva virgen con las rutas de señalizacion celular. *Clínica E Investigación En Arteriosclerosis*, **2011**, 23, 262-268	1.4	
6	The Beneficial Effects of Virgin Olive Oil on Nuclear Transcription Factor kappaB and Other Inflammatory Markers **2010**, 1067-1070		
5	Grado de respuesta del colesterol LDL a la alimentación en varones con hipercolesterolemia según sus valores basales. *Medicina Clínica*, **2002**, 118, 737-740	1	

List of Publications

4	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
3	Integrative development of a short screening questionnaire of highly processed food consumption (sQ-HPF).. *International Journal of Behavioral Nutrition and Physical Activity*, **2022**, 19, 6	8.4
2	Cardiovascular Benefits of Olive Oil: Beyond Effects of Fat Content353-366	
1	Polymorphism, Carbohydrates, Fat, and Type 2 Diabetes **2016**, 301-311	