Pablo Prez-Martnez

List of Publications by Year in Descending Order

236 papers	8,302 citations	45 h-index	79 g-index
256 ext. papers	9,784 ext. citations	4.5 avg, IF	5.59 L-index

#	Paper	IF	Citations
236	An altered microbiota pattern precedes Type 2 diabetes mellitus development: From the CORDIOPREV study.. *Journal of Advanced Research*, **2022**, 35, 99-108	13	3
235	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
234	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	
233	Influence of dietary intervention on microvascular endothelial function in coronary patients and atherothrombotic risk of recurrence. *Scientific Reports*, **2021**, 11, 20301	4.9	1
232	Prior Treatment with Statins is Associated with Improved Outcomes of Patients with COVID-19: Data from the SEMI-COVID-19 Registry. *Drugs*, **2021**, 81, 685-695	12.1	13
231	Executive summary: Updates to the dietary treatment of prediabetes and type 2 diabetes mellitus. *Cl□nica E Investigaci□n En Arteriosclerosis*, **2021**, 33, 73-84	1.4	0
230	Executive summary: Updates to the dietary treatment of prediabetes and type 2 diabetes mellitus. *Endocrinolog□a Diabetes Y Nutrici□n (English Ed)*, **2021**, 68, 277-287	0.1	0
229	Executive summary: Updates to the dietary treatment of prediabetes and type 2 diabetes mellitus. *Endocrinologia, Diabetes Y Nutrici□n*, **2021**, 68, 277-287	1.3	
228	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
227	Positive psychological profiles based on perceived health clustering in patients with cardiovascular disease: a longitudinal study. *BMJ Open*, **2021**, 11, e050818	3	0
226	Treatment of mild-to-moderate hypertriglyceridemia. *Cl□nica E Investigaci□n En Arteriosclerosis*, **2021**, 33 Suppl 2, 69-74	1.4	
225	Olive Oil Intake and Cardiovascular Disease Prevention: "Seek and You Shall Find". *Current Cardiology Reports*, **2021**, 23, 64	4.2	2
224	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
223	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
222	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
221	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
220	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

219	Narrative review on clinical considerations for patients with diabetes and COVID-19: More questions than answers. *International Journal of Clinical Practice*, **2021**, 75, e14833	2.9	2
218	Biological senescence risk score. A practical tool to predict biological senescence status. *European Journal of Clinical Investigation*, **2020**, 50, e13305	4.6	1
217	Gut microbiota and aging-A focus on centenarians. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2020**, 1866, 165765	6.9	17
216	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
215	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
214	Neonatal exposure to androgens dynamically alters gut microbiota architecture. *Journal of Endocrinology*, **2020**, 247, 69-85	4.7	3
213	Interplay between gonadal hormones and postnatal overfeeding in defining sex-dependent differences in gut microbiota architecture. *Aging*, **2020**, 12, 19979-20000	5.6	5
212	The Mediterranean Diet **2020**, 17-31		0
211	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
210	Prediabetes diagnosis criteria, type 2 diabetes risk and dietary modulation: The CORDIOPREV study. *Clinical Nutrition*, **2020**, 39, 492-500	5.9	6
209	The Role of n-3 Fatty Acids in Cardiovascular Disease: Back to the Future. *Angiology*, **2020**, 71, 10-16	2.1	17
208	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
207	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
206	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
205	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
204	Gut microbiota: A new protagonist in the risk of cardiovascular disease?. *Clínica E Investigación En Arteriosclerosis*, **2019**, 31, 178-185	1.4	2
203	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
202	Criteria for referring patients to Spanish Atherosclerosis Society lipid units. *Clínica E Investigación En Arteriosclerosis*, **2019**, 31, 26-30	1.4	3

201	Lifestyle factors modulate postprandial hypertriglyceridemia: From the CORDIOPREV study. *Atherosclerosis*, **2019**, 290, 118-124	3.1	6
200	Gut Microbiota, Obesity and Bariatric Surgery: Current Knowledge and Future Perspectives. *Current Pharmaceutical Design*, **2019**, 25, 2038-2050	3.3	10
199	Effects of Aging and Diet on Cardioprotection and Cardiometabolic Risk Markers. *Current Pharmaceutical Design*, **2019**, 25, 3704-3714	3.3	6
198	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
197	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
196	SEA/SEMERGEN consensus document 2019: Dietary recommendations in the prevention of cardiovascular disease. *C□nica E Investigaci□n En Arteriosclerosis*, **2019**, 31, 186-201	1.4	4
195	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
194	Postprandial endotoxemia may influence the development of type 2 diabetes mellitus: From the CORDIOPREV study. *Clinical Nutrition*, **2019**, 38, 529-538	5.9	17
193	Quantitative evaluation of capillaroscopic microvascular changes in patients with established coronary heart disease. *Medicina C□nica (English Edition)*, **2018**, 150, 131-137	0.3	0
192	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
191	Dyslipidaemia in the elderly: to treat or not to treat?. *Expert Review of Clinical Pharmacology*, **2018**, 11, 259-278	3.8	5
190	New diet trials and cardiovascular risk. *Current Opinion in Cardiology*, **2018**, 33, 423-428	2.1	4
189	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
188	Quantitative evaluation of capillaroscopic microvascular changes in patients with established coronary heart disease. *Medicina C□nica*, **2018**, 150, 131-137	1	4
187	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
186	Influence of gender and menopausal status on gut microbiota. *Maturitas*, **2018**, 116, 43-53	5	87
185	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
184	Is Nonalcoholic Fatty Liver Disease Indeed the Hepatic Manifestation of Metabolic Syndrome?. *Current Vascular Pharmacology*, **2018**, 16, 219-227	3.3	51

183	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
182	Endotoxemia is modulated by quantity and quality of dietary fat in older adults. *Experimental Gerontology*, **2018**, 109, 119-125	4.5	11
181	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
180	Document of recommendations of the SEA 2018. Lifestyle in cardiovascular prevention. *Clínica E Investigación En Arteriosclerosis*, **2018**, 30, 280-310	1.4	10
179	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
178	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
177	COSMIC project: consensus on the objectives of the metabolic syndrome in clinic. *Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy*, **2018**, 11, 683-697	3.4	7
176	Alpha cell function interacts with diet to modulate prediabetes and Type 2 diabetes. *Journal of Nutritional Biochemistry*, **2018**, 62, 247-256	6.3	9
175	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
174	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
173	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
172	Lifestyle recommendations for the prevention and management of metabolic syndrome: an international panel recommendation. *Nutrition Reviews*, **2017**, 75, 307-326	6.4	183
171	Drug therapy for ectopic fat: myth or reality?. *Expert Review of Cardiovascular Therapy*, **2017**, 15, 71-72	2.5	1
170	Homocysteine and Non-Cardiac Vascular Disease. *Current Pharmaceutical Design*, **2017**, 23, 3224-3232	3.3	18
169	Decalogue of the Spanish Society of Arteriosclerosis to reduce therapeutic inertia. *Clínica E Investigación En Arteriosclerosis*, **2017**, 29, 218-223	1.4	7
168	Effect of Dietary Lipids on Endotoxemia Influences Postprandial Inflammatory Response. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 7756-7763	5.7	23
167	Gut Microbiota: A New Marker of Cardiovascular Disease. *Current Pharmaceutical Design*, **2017**, 23, 3233-3238	3.3	20
166	Lipoprotein (a) Management: Lifestyle and Hormones. *Current Medicinal Chemistry*, **2017**, 24, 979-988	4.3	3

165	The gut microbial community in metabolic syndrome patients is modified by diet. *Journal of Nutritional Biochemistry*, **2016**, 27, 27-31	6.3	113
164	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
163	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
162	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
161	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
160	Mediterranean Diet and Cardiovascular Risk: Beyond Traditional Risk Factors. *Critical Reviews in Food Science and Nutrition*, **2016**, 56, 788-801	11.5	29
159	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
158	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
157	Red wine polyphenols modulate fecal microbiota and reduce markers of the metabolic syndrome in obese patients. *Food and Function*, **2016**, 7, 1775-87	6.1	182
156	Intestinal Microbiota Is Influenced by Gender and Body Mass Index. *PLoS ONE*, **2016**, 11, e0154090	3.7	337
155	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
154	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
153	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
152	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
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	Proteome from patients with metabolic syndrome is regulated by quantity and quality of dietary lipids. *BMC Genomics*, **2015**, 16, 509	4.5	15
149	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
148	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

147	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
146	Impact of the consumption of a rich diet in butter and it replacement for a rich diet in extra virgin olive oil on anthropometric, metabolic and lipid profile in postmenopausal women. *Nutricion Hospitalaria*, **2015**, 31, 2561-70	1	7
145	Postprandial oxidative stress is modulated by dietary fat in adipose tissue from elderly people. *Age*, **2014**, 36, 507-17		8
144	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
143	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
142	Influence of endothelial dysfunction on telomere length in subjects with metabolic syndrome: LIPGENE study. *Age*, **2014**, 36, 9681		10
141	Olive oil phenolic compounds decrease the postprandial inflammatory response by reducing postprandial plasma lipopolysaccharide levels. *Food Chemistry*, **2014**, 162, 161-71	8.5	45
140	Dietary fat modifies lipid metabolism in the adipose tissue of metabolic syndrome patients. *Genes and Nutrition*, **2014**, 9, 409	4.3	16
139	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
138	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
137	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
136	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
135	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
134	Magnesium modulates parathyroid hormone secretion and upregulates parathyroid receptor expression at moderately low calcium concentration. *Nephrology Dialysis Transplantation*, **2014**, 29, 282-9	4.3	81
133	Metabolic phenotypes of obesity influence triglyceride and inflammation homoeostasis. *European Journal of Clinical Investigation*, **2014**, 44, 1053-64	4.6	41
132	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
131	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
130	LDL and HDL subfractions, dysfunctional HDL: treatment options. *Current Pharmaceutical Design*, **2014**, 20, 6249-55	3.3	14

129	Gene-nutrient interactions on the phosphoenolpyruvate carboxykinase influence insulin sensitivity in metabolic syndrome subjects. *Clinical Nutrition*, **2013**, 32, 630-5	5.9	7
128	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
127	Proteomic analysis of visceral adipose tissue in pre-obese patients with type 2 diabetes. *Molecular and Cellular Endocrinology*, **2013**, 376, 99-106	4.4	37
126	A gene variation (rs12691) in the CCAT/enhancer binding protein modulates glucose metabolism in metabolic syndrome. *Nutrition, Metabolism and Cardiovascular Diseases*, **2013**, 23, 417-23	4.5	6
125	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
124	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
123	It is time to define metabolically obese but normal-weight (MONW) individuals. *Clinical Endocrinology*, **2013**, 79, 314-5	3.4	21
122	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
121	An acute intake of a walnut-enriched meal improves postprandial adiponectin response in healthy young adults. *Nutrition Research*, **2013**, 33, 1012-8	4	27
120	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
119	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
118	Obesity and body fat classification in the metabolic syndrome: impact on cardiometabolic risk metabotype. *Obesity*, **2013**, 21, E154-61	8	66
117	Oxidative stress is associated with the number of components of metabolic syndrome: LIPGENE study. *Experimental and Molecular Medicine*, **2013**, 45, e28	12.8	63
116	Nutraceuticals and coronary heart disease. *Current Opinion in Cardiology*, **2013**, 28, 475-82	2.1	13
115	Postprandial metabolism: from research to clinical practice. *Clinical Lipidology*, **2013**, 8, 395-398		
114	Nutrigenetics, metabolic syndrome risk and personalized nutrition. *Current Vascular Pharmacology*, **2013**, 11, 946-53	3.3	9
113	Relevance of postprandial lipemia in metabolic syndrome. *Current Vascular Pharmacology*, **2013**, 11, 920-7	3.3	3
112	Nutrigenetics of the lipoprotein metabolism. *Molecular Nutrition and Food Research*, **2012**, 56, 171-83	5.9	24

111	Metabolic syndrome: evidences for a personalized nutrition. *Molecular Nutrition and Food Research*, **2012**, 56, 67-76	5.9	28
110	Mediterranean diet reduces senescence-associated stress in endothelial cells. *Age*, **2012**, 34, 1309-16		62
109	Body mass interacts with fat quality to determine the postprandial lipoprotein response in healthy young adults. *Nutrition, Metabolism and Cardiovascular Diseases*, **2012**, 22, 355-61	4.5	26
108	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
107	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
106	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
105	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
104	Obesity and Body Fat Classification in the Metabolic Syndrome: Impact on Cardiometabolic Risk Metabotype. *Obesity*, **2012**,	8	7
103	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
102	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
101	In vascular smooth muscle cells paricalcitol prevents phosphate-induced Wnt/□catenin activation. *American Journal of Physiology - Renal Physiology*, **2012**, 303, F1136-44	4.3	69
100	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
99	Endotoxin increase after fat overload is related to postprandial hypertriglyceridemia in morbidly obese patients. *Journal of Lipid Research*, **2012**, 53, 973-978	6.3	88
98	Zinc-alpha 2-glycoprotein gene expression in adipose tissue is related with insulin resistance and lipolytic genes in morbidly obese patients. *PLoS ONE*, **2012**, 7, e33264	3.7	40
97	Effects of rs7903146 variation in the Tcf7l2 gene in the lipid metabolism of three different populations. *PLoS ONE*, **2012**, 7, e43390	3.7	22
96	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
95	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
94	Interacci□ de los compuestos fen□licos del aceite de oliva virgen con las rutas de se□alizacion celular. *Cl□nica E Investigaci□ En Arteriosclerosis*, **2011**, 23, 262-268	1.4	

93	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
92	Polymorphism at the TRIB1 gene modulates plasma lipid levels: insight from the Spanish familial hypercholesterolemia cohort study. *Nutrition, Metabolism and Cardiovascular Diseases*, **2011**, 21, 957-63	4.5	11
91	Pleiotropic effects of TCF7L2 gene variants and its modulation in the metabolic syndrome: from the LIPGENE study. *Atherosclerosis*, **2011**, 214, 110-6	3.1	41
90	A low-fat high-carbohydrate diet supplemented with long-chain n-3 PUFA reduces the risk of the metabolic syndrome. *Atherosclerosis*, **2011**, 218, 443-50	3.1	39
89	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
88	Diagnostic value of postprandial triglyceride testing in healthy subjects: a meta-analysis. *Current Vascular Pharmacology*, **2011**, 9, 271-80	3.3	85
87	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
86	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
85	Postprandial antioxidant effect of the Mediterranean diet supplemented with coenzyme Q10 in elderly men and women. *Age*, **2011**, 33, 579-90		43
84	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
83	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
82	Mediterranean diet rich in olive oil and obesity, metabolic syndrome and diabetes mellitus. *Current Pharmaceutical Design*, **2011**, 17, 769-77	3.3	116
81	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
80	Assessment and clinical relevance of non-fasting and postprandial triglycerides: an expert panel statement. *Current Vascular Pharmacology*, **2011**, 9, 258-70	3.3	201
79	Olive oil and haemostasis: platelet function, thrombogenesis and fibrinolysis. *Current Pharmaceutical Design*, **2011**, 17, 778-85	3.3	36
78	Mediterranean diet reduces endothelial damage and improves the regenerative capacity of endothelium. *American Journal of Clinical Nutrition*, **2011**, 93, 267-74	7	111
77	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
76	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

75	Nutrigenetics of the postprandial lipoprotein metabolism: evidences from human intervention studies. *Current Vascular Pharmacology*, **2011**, 9, 287-91	3.3	19
74	Gene-nutrient interactions in the metabolic syndrome: single nucleotide polymorphisms in ADIPOQ and ADIPOR1 interact with plasma saturated fatty acids to modulate insulin resistance. *American Journal of Clinical Nutrition*, **2010**, 91, 794-801	7	67
73	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
72	ABCA1 gene variants regulate postprandial lipid metabolism in healthy men. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2010**, 30, 1051-7	9.4	33
71	The Beneficial Effects of Virgin Olive Oil on Nuclear Transcription Factor kappaB and Other Inflammatory Markers **2010**, 1067-1070		
70	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
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