Pablo Prez-Martnez

List of Publications by Citations

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	Olive oil and health: summary of the II international conference on olive oil and health consensus report, Ja□ and C□doba (Spain) 2008. *Nutrition, Metabolism and Cardiovascular Diseases*, **2010**, 20, 284-94	4.5	383
235	Intestinal Microbiota Is Influenced by Gender and Body Mass Index. *PLoS ONE*, **2016**, 11, e0154090	3.7	337
234	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
233	Common missense variant in the glucokinase regulatory protein gene is associated with increased plasma triglyceride and C-reactive protein but lower fasting glucose concentrations. *Diabetes*, **2008**, 57, 3112-21	0.9	223
232	Assessment and clinical relevance of non-fasting and postprandial triglycerides: an expert panel statement. *Current Vascular Pharmacology*, **2011**, 9, 258-70	3.3	201
231	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
230	Lifestyle recommendations for the prevention and management of metabolic syndrome: an international panel recommendation. *Nutrition Reviews*, **2017**, 75, 307-326	6.4	183
229	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
228	Monounsaturated fat-rich diet prevents central body fat distribution and decreases postprandial adiponectin expression induced by a carbohydrate-rich diet in insulin-resistant subjects. *Diabetes Care*, **2007**, 30, 1717-23	14.6	167
227	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
226	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
225	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
224	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
223	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
222	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
221	Mediterranean diet rich in olive oil and obesity, metabolic syndrome and diabetes mellitus. *Current Pharmaceutical Design*, **2011**, 17, 769-77	3.3	116
220	The gut microbial community in metabolic syndrome patients is modified by diet. *Journal of Nutritional Biochemistry*, **2016**, 27, 27-31	6.3	113

219	Mediterranean diet reduces endothelial damage and improves the regenerative capacity of endothelium. *American Journal of Clinical Nutrition*, **2011**, 93, 267-74	7	111
218	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
217	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
216	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
215	Influence of gender and menopausal status on gut microbiota. *Maturitas*, **2018**, 116, 43-53	5	87
214	Diagnostic value of postprandial triglyceride testing in healthy subjects: a meta-analysis. *Current Vascular Pharmacology*, **2011**, 9, 271-80	3.3	85
213	Chronic effects of a high-fat diet enriched with virgin olive oil and a low-fat diet enriched with alpha-linolenic acid on postprandial endothelial function in healthy men. *British Journal of Nutrition*, **2008**, 100, 159-65	3.6	84
212	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
211	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
210	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
209	In vascular smooth muscle cells paricalcitol prevents phosphate-induced Wnt/β-catenin activation. *American Journal of Physiology - Renal Physiology*, **2012**, 303, F1136-44	4.3	69
208	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
207	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
206	Obesity and body fat classification in the metabolic syndrome: impact on cardiometabolic risk metabotype. *Obesity*, **2013**, 21, E154-61	8	66
205	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
204	Oxidative stress is associated with the number of components of metabolic syndrome: LIPGENE study. *Experimental and Molecular Medicine*, **2013**, 45, e28	12.8	63
203	Mediterranean diet reduces senescence-associated stress in endothelial cells. *Age*, **2012**, 34, 1309-16		62
202	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

201	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
200	Postprandial oxidative stress is modified by dietary fat: evidence from a human intervention study. *Clinical Science*, **2010**, 119, 251-61	6.5	53
199	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
198	Postprandial lipoprotein metabolism, genes and risk of cardiovascular disease. *Current Opinion in Lipidology*, **2006**, 17, 132-8	4.4	52
197	Is Nonalcoholic Fatty Liver Disease Indeed the Hepatic Manifestation of Metabolic Syndrome?. *Current Vascular Pharmacology*, **2018**, 16, 219-227	3.3	51
196	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
195	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
194	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
193	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
192	Olive oil phenolic compounds decrease the postprandial inflammatory response by reducing postprandial plasma lipopolysaccharide levels. *Food Chemistry*, **2014**, 162, 161-71	8.5	45
191	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
190	Update on genetics of postprandial lipemia. *Atherosclerosis Supplements*, **2010**, 11, 39-43	1.7	45
189	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
188	Postprandial antioxidant effect of the Mediterranean diet supplemented with coenzyme Q10 in elderly men and women. *Age*, **2011**, 33, 579-90		43
187	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
186	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
185	The influence of lipoprotein lipase gene variation on postprandial lipoprotein metabolism. *Journal of Clinical Endocrinology and Metabolism*, **2004**, 89, 4721-8	5.6	42
184	Metabolic phenotypes of obesity influence triglyceride and inflammation homoeostasis. *European Journal of Clinical Investigation*, **2014**, 44, 1053-64	4.6	41

183	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
182	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
181	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
180	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
179	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
178	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
177	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
176	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
175	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
174	n-3 PUFA and lipotoxicity. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2010**, 1801, 362-6	5	38
173	Influence of genetic factors in the modulation of postprandial lipemia. *Atherosclerosis Supplements*, **2008**, 9, 49-55	1.7	38
172	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
171	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
170	Postprandial lipemia is modified by the presence of the polymorphism present in the exon 1 variant at the SR-BI gene locus. *Journal of Molecular Endocrinology*, **2004**, 32, 237-45	4.5	37
169	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
168	Olive oil and haemostasis: platelet function, thrombogenesis and fibrinolysis. *Current Pharmaceutical Design*, **2011**, 17, 778-85	3.3	36
167	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
166	ABCA1 gene variants regulate postprandial lipid metabolism in healthy men. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2010**, 30, 1051-7	9.4	33

165	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
164	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
163	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
162	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
161	Effects of perilipin (PLIN) gene variation on metabolic syndrome risk and weight loss in obese children and adolescents. *Journal of Clinical Endocrinology and Metabolism*, **2008**, 93, 4933-40	5.6	32
160	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
159	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
158	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
157	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
156	Mediterranean Diet and Cardiovascular Risk: Beyond Traditional Risk Factors. *Critical Reviews in Food Science and Nutrition*, **2016**, 56, 788-801	11.5	29
155	Peroxisome proliferator-activated receptor alpha polymorphisms and postprandial lipemia in healthy men. *Journal of Lipid Research*, **2007**, 48, 1402-8	6.3	29
154	A single nucleotide polymorphism of the apolipoprotein A-V gene -1131T>C modulates postprandial lipoprotein metabolism. *Atherosclerosis*, **2006**, 189, 163-8	3.1	29
153	Metabolic syndrome: evidences for a personalized nutrition. *Molecular Nutrition and Food Research*, **2012**, 56, 67-76	5.9	28
152	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
151	An acute intake of a walnut-enriched meal improves postprandial adiponectin response in healthy young adults. *Nutrition Research*, **2013**, 33, 1012-8	4	27
150	Olive oil and the haemostatic system. *Molecular Nutrition and Food Research*, **2007**, 51, 1249-59	5.9	27
149	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
148	Genetic variations at ABCG5/G8 genes modulate plasma lipids concentrations in patients with familial hypercholesterolemia. *Atherosclerosis*, **2010**, 210, 486-92	3.1	26

147	Basal plasma concentrations of plant sterols can predict LDL-C response to sitosterol in patients with familial hypercholesterolemia. *European Journal of Clinical Nutrition*, **2008**, 62, 495-501	5.2	26
146	A reduction in dietary saturated fat decreases body fat content in overweight, hypercholesterolemic males. *Nutrition, Metabolism and Cardiovascular Diseases*, **2003**, 13, 273-7	4.5	26
145	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
144	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
143	Nutrigenetics of the lipoprotein metabolism. *Molecular Nutrition and Food Research*, **2012**, 56, 171-83	5.9	24
142	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
141	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
140	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
139	Effect of Dietary Lipids on Endotoxemia Influences Postprandial Inflammatory Response. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 7756-7763	5.7	23
138	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
137	Dietary fat, genes and insulin sensitivity. *Journal of Molecular Medicine*, **2007**, 85, 213-26	5.5	23
136	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
135	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
134	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
133	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
132	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
131	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
130	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

129	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
128	Effects of rs7903146 variation in the Tcf7l2 gene in the lipid metabolism of three different populations. *PLoS ONE*, **2012**, 7, e43390	3.7	22
127	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
126	It is time to define metabolically obese but normal-weight (MONW) individuals. *Clinical Endocrinology*, **2013**, 79, 314-5	3.4	21
125	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
124	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
123	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
122	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
121	Gut Microbiota: A New Marker of Cardiovascular Disease. *Current Pharmaceutical Design*, **2017**, 23, 3233-3238	3.3	20
120	Influence of the -514C/T polymorphism in the promoter of the hepatic lipase gene on postprandial lipoprotein metabolism. *Atherosclerosis*, **2004**, 174, 73-9	3.1	20
119	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
118	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
117	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
116	The effect of IL6-174C/G polymorphism on postprandial triglyceride metabolism in the GOLDN studyboxs. *Journal of Lipid Research*, **2008**, 49, 1839-45	6.3	19
115	Olive oil and haemostasis: a review on its healthy effects. *Public Health Nutrition*, **2006**, 9, 1083-8	3.3	19
114	Oxidized-LDL levels are changed during short-term serum glucose variations and lowered with statin treatment in early Type 2 diabetes: a study of endothelial function and microalbuminuria. *Diabetic Medicine*, **2005**, 22, 1647-56	3.5	19
113	Nutrigenetics of the postprandial lipoprotein metabolism: evidences from human intervention studies. *Current Vascular Pharmacology*, **2011**, 9, 287-91	3.3	19
112	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

111	Homocysteine and Non-Cardiac Vascular Disease. *Current Pharmaceutical Design*, **2017**, 23, 3224-3232	3.3	18
110	Gut microbiota and aging-A focus on centenarians. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2020**, 1866, 165765	6.9	17
109	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
108	The -675 4G/5G polymorphism at the Plasminogen Activator Inhibitor 1 (PAI-1) gene modulates plasma Plasminogen Activator Inhibitor 1 concentrations in response to dietary fat consumption. *British Journal of Nutrition*, **2008**, 99, 699-702	3.6	17
107	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
106	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
105	Postprandial endotoxemia may influence the development of type 2 diabetes mellitus: From the CORDIOPREV study. *Clinical Nutrition*, **2019**, 38, 529-538	5.9	17
104	The Role of n-3 Fatty Acids in Cardiovascular Disease: Back to the Future. *Angiology*, **2020**, 71, 10-16	2.1	17
103	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
102	Dietary fat modifies lipid metabolism in the adipose tissue of metabolic syndrome patients. *Genes and Nutrition*, **2014**, 9, 409	4.3	16
101	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
100	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
99	Tissue factor expression is decreased in monocytes obtained from blood during Mediterranean or high carbohydrate diets. *Nutrition, Metabolism and Cardiovascular Diseases*, **2004**, 14, 128-32	4.5	16
98	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
97	Proteome from patients with metabolic syndrome is regulated by quantity and quality of dietary lipids. *BMC Genomics*, **2015**, 16, 509	4.5	15
96	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
95	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
94	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

93	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
92	The -250G/A polymorphism in the hepatic lipase gene promoter influences the postprandial lipemic response in healthy men. *Nutrition, Metabolism and Cardiovascular Diseases*, **2008**, 18, 173-81	4.5	14
91	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
90	LDL and HDL subfractions, dysfunctional HDL: treatment options. *Current Pharmaceutical Design*, **2014**, 20, 6249-55	3.3	14
89	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
88	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
87	Nutraceuticals and coronary heart disease. *Current Opinion in Cardiology*, **2013**, 28, 475-82	2.1	13
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	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
84	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
83	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
82	The SstI polymorphism of the apo C-III gene is associated with insulin sensitivity in young men. *Diabetologia*, **2002**, 45, 1196-200	10.3	12
81	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
80	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
79	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
78	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
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