

Dolores Corella Piquer

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

393
papers

25,865
citations

78
h-index

151
g-index

426
ext. papers

30,933
ext. citations

5.9
avg, IF

6.64
L-index

#	Paper	IF	Citations
393	Primary prevention of cardiovascular disease with a Mediterranean diet. <i>New England Journal of Medicine</i> , 2013 , 368, 1279-90	59.2	3041
392	Primary Prevention of Cardiovascular Disease with a Mediterranean Diet Supplemented with Extra-Virgin Olive Oil or Nuts. <i>New England Journal of Medicine</i> , 2018 , 378, e34	59.2	1232
391	Effects of a Mediterranean-style diet on cardiovascular risk factors: a randomized trial. <i>Annals of Internal Medicine</i> , 2006 , 145, 1-11	8	1195
390	Six new loci associated with blood low-density lipoprotein cholesterol, high-density lipoprotein cholesterol or triglycerides in humans. <i>Nature Genetics</i> , 2008 , 40, 189-97	36.3	1108
389	A short screener is valid for assessing Mediterranean diet adherence among older Spanish men and women. <i>Journal of Nutrition</i> , 2011 , 141, 1140-5	4.1	649
388	Reduction in the incidence of type 2 diabetes with the Mediterranean diet: results of the PREDIMED-Reus nutrition intervention randomized trial. <i>Diabetes Care</i> , 2011 , 34, 14-9	14.6	576
387	Relative validity of a semi-quantitative food-frequency questionnaire in an elderly Mediterranean population of Spain. <i>British Journal of Nutrition</i> , 2010 , 103, 1808-16	3.6	508
386	Mediterranean Diet and Age-Related Cognitive Decline: A Randomized Clinical Trial. <i>JAMA Internal Medicine</i> , 2015 , 175, 1094-1103	11.5	479
385	A 14-item Mediterranean diet assessment tool and obesity indexes among high-risk subjects: the PREDIMED trial. <i>PLoS ONE</i> , 2012 , 7, e43134	3.7	449
384	Prevention of diabetes with Mediterranean diets: a subgroup analysis of a randomized trial. <i>Annals of Internal Medicine</i> , 2014 , 160, 1-10	8	415
383	Benefits of the Mediterranean Diet: Insights From the PREDIMED Study. <i>Progress in Cardiovascular Diseases</i> , 2015 , 58, 50-60	8.5	385
382	Cohort profile: design and methods of the PREDIMED study. <i>International Journal of Epidemiology</i> , 2012 , 41, 377-85	7.8	369
381	Association of cholesteryl ester transfer protein-Taq1B polymorphism with variations in lipoprotein subclasses and coronary heart disease risk: the Framingham study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000 , 20, 1323-9	9.4	350
380	Effect of a traditional Mediterranean diet on lipoprotein oxidation: a randomized controlled trial. <i>Archives of Internal Medicine</i> , 2007 , 167, 1195-1203		319
379	Mediterranean Diet and Invasive Breast Cancer Risk Among Women at High Cardiovascular Risk in the PREDIMED Trial: A Randomized Clinical Trial. <i>JAMA Internal Medicine</i> , 2015 , 175, 1752-1760	11.5	276
378	Common missense variant in the glucokinase regulatory protein gene is associated with increased plasma triglyceride and C-reactive protein but lower fasting glucose concentrations. <i>Diabetes</i> , 2008 , 57, 3112-21	0.9	223
377	Mediterranean diet and cardiovascular health: Teachings of the PREDIMED study. <i>Advances in Nutrition</i> , 2014 , 5, 330S-6S	10	209

376	Polyphenol-rich foods in the Mediterranean diet are associated with better cognitive function in elderly subjects at high cardiovascular risk. <i>Journal of Alzheimer's Disease</i> , 2012 , 29, 773-82	4.3	202
375	Olive oil intake and risk of cardiovascular disease and mortality in the PREDIMED Study. <i>BMC Medicine</i> , 2014 , 12, 78	11.4	198
374	Association of polymorphisms at the SR-BI gene locus with plasma lipid levels and body mass index in a white population. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999 , 19, 1734-43	9.4	194
373	Mediterranean diets and metabolic syndrome status in the PREDIMED randomized trial. <i>Cmaj</i> , 2014 , 186, E649-57	3.5	184
372	Nutritional genomics. <i>Annual Review of Genomics and Human Genetics</i> , 2004 , 5, 71-118	9.7	183
371	Effect of the Mediterranean diet on blood pressure in the PREDIMED trial: results from a randomized controlled trial. <i>BMC Medicine</i> , 2013 , 11, 207	11.4	180
370	Plasma Ceramides, Mediterranean Diet, and Incident Cardiovascular Disease in the PREDIMED Trial (Prevenci� con Dieta Mediterr�ea). <i>Circulation</i> , 2017 , 135, 2028-2040	16.7	161
369	Dietary fat intake determines the effect of a common polymorphism in the hepatic lipase gene promoter on high-density lipoprotein metabolism: evidence of a strong dose effect in this gene-nutrient interaction in the Framingham Study. <i>Circulation</i> , 2002 , 106, 2315-21	16.7	161
368	Dietary fat intake and risk of cardiovascular disease and all-cause mortality in a population at high risk of cardiovascular disease. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 1563-73	7	159
367	Polyunsaturated fatty acids modulate the effects of the APOA1 G-A polymorphism on HDL-cholesterol concentrations in a sex-specific manner: the Framingham Study. <i>American Journal of Clinical Nutrition</i> , 2002 , 75, 38-46	7	157
366	A large randomized individual and group intervention conducted by registered dietitians increased adherence to Mediterranean-type diets: the PREDIMED study. <i>Journal of the American Dietetic Association</i> , 2008 , 108, 1134-44; discussion 1145		151
365	Apolipoprotein E genotype affects plasma lipid response to atorvastatin in a gender specific manner. <i>Atherosclerosis</i> , 2001 , 158, 183-93	3.1	149
364	Mediterranean diet reduces 24-hour ambulatory blood pressure, blood glucose, and lipids: one-year randomized, clinical trial. <i>Hypertension</i> , 2014 , 64, 69-76	8.5	143
363	Polyphenol intake from a Mediterranean diet decreases inflammatory biomarkers related to atherosclerosis: a substudy of the PREDIMED trial. <i>British Journal of Clinical Pharmacology</i> , 2017 , 83, 114-128	3.8	142
362	Dietary Inflammatory Index and Incidence of Cardiovascular Disease in the PREDIMED Study. <i>Nutrients</i> , 2015 , 7, 4124-38	6.7	142
361	Extravirgin olive oil consumption reduces risk of atrial fibrillation: the PREDIMED (Prevenci� con Dieta Mediterr�ea) trial. <i>Circulation</i> , 2014 , 130, 18-26	16.7	141
360	Influence of the APOA5 locus on plasma triglyceride, lipoprotein subclasses, and CVD risk in the Framingham Heart Study. <i>Journal of Lipid Research</i> , 2004 , 45, 2096-105	6.3	138
359	The Mediterranean diet improves the systemic lipid and DNA oxidative damage in metabolic syndrome individuals. A randomized, controlled, trial. <i>Clinical Nutrition</i> , 2013 , 32, 172-8	5.9	133

358	Mediterranean Diet Improves High-Density Lipoprotein Function in High-Cardiovascular-Risk Individuals: A Randomized Controlled Trial. <i>Circulation</i> , 2017 , 135, 633-643	16.7	129
357	Plasma Branched-Chain Amino Acids and Incident Cardiovascular Disease in the PREDIMED Trial. <i>Clinical Chemistry</i> , 2016 , 62, 582-92	5.5	129
356	Differential effects of polyphenols and alcohol of red wine on the expression of adhesion molecules and inflammatory cytokines related to atherosclerosis: a randomized clinical trial. <i>American Journal of Clinical Nutrition</i> , 2012 , 95, 326-34	7	126
355	A provegetarian food pattern and reduction in total mortality in the Prevenci3 con Dieta Mediterr3ea (PREDIMED) study. <i>American Journal of Clinical Nutrition</i> , 2014 , 100 Suppl 1, 320S-8S	7	123
354	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. <i>Diabetes Care</i> , 2019 , 42, 777-788	14.6	123
353	Association of Mediterranean diet with peripheral artery disease: the PREDIMED randomized trial. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 311, 415-417	27.4	122
352	Metabolic syndrome pathophysiology: the role of adipose tissue. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2007 , 17, 125-39	4.5	120
351	SINGLE NUCLEOTIDE POLYMORPHISMS THAT INFLUENCE LIPID METABOLISM: Interaction with Dietary Factors. <i>Annual Review of Nutrition</i> , 2005 , 25, 341-90	9.9	120
350	APOA2, dietary fat, and body mass index: replication of a gene-diet interaction in 3 independent populations. <i>Archives of Internal Medicine</i> , 2009 , 169, 1897-906		118
349	Alcohol drinking determines the effect of the APOE locus on LDL-cholesterol concentrations in men: the Framingham Offspring Study. <i>American Journal of Clinical Nutrition</i> , 2001 , 73, 736-45	7	115
348	Retraction and Republication: Primary Prevention of Cardiovascular Disease with a Mediterranean Diet. <i>N Engl J Med</i> 2013;368:1279-90. <i>New England Journal of Medicine</i> , 2018 , 378, 2441-2442	59.2	113
347	The case for strategic international alliances to harness nutritional genomics for public and personal health. <i>British Journal of Nutrition</i> , 2005 , 94, 623-32	3.6	112
346	Polyunsaturated fatty acids interact with the PPARA-L162V polymorphism to affect plasma triglyceride and apolipoprotein C-III concentrations in the Framingham Heart Study. <i>Journal of Nutrition</i> , 2005 , 135, 397-403	4.1	110
345	Fenofibrate effect on triglyceride and postprandial response of apolipoprotein A5 variants: the GOLDN study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 1417-25	9.4	106
344	Adherence to a Mediterranean-type diet and reduced prevalence of clustered cardiovascular risk factors in a cohort of 3,204 high-risk patients. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2008 , 15, 589-93		105
343	The -256T>C polymorphism in the apolipoprotein A-II gene promoter is associated with body mass index and food intake in the genetics of lipid lowering drugs and diet network study. <i>Clinical Chemistry</i> , 2007 , 53, 1144-52	5.5	103
342	Mediterranean diet reduces the adverse effect of the TCF7L2-rs7903146 polymorphism on cardiovascular risk factors and stroke incidence: a randomized controlled trial in a high-cardiovascular-risk population. <i>Diabetes Care</i> , 2013 , 36, 3803-11	14.6	102
341	Associations of the FTO rs9939609 and the MC4R rs17782313 polymorphisms with type 2 diabetes are modulated by diet, being higher when adherence to the Mediterranean diet pattern is low. <i>Cardiovascular Diabetology</i> , 2012 , 11, 137	8.7	102

340	Mediterranean diet supplemented with nuts reduces waist circumference and shifts lipoprotein subfractions to a less atherogenic pattern in subjects at high cardiovascular risk. <i>Atherosclerosis</i> , 2013 , 230, 347-53	3.1	101
339	Genetic variation at the scavenger receptor class B type I gene locus determines plasma lipoprotein concentrations and particle size and interacts with type 2 diabetes: the framingham study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 2869-79	5.6	101
338	Long-Term Immunomodulatory Effects of a Mediterranean Diet in Adults at High Risk of Cardiovascular Disease in the PREvenci3 con Dieta MEDiterr3nea (PREDIMED) Randomized Controlled Trial. <i>Journal of Nutrition</i> , 2016 , 146, 1684-93	4.1	99
337	Dietary intake of n-6 fatty acids modulates effect of apolipoprotein A5 gene on plasma fasting triglycerides, remnant lipoprotein concentrations, and lipoprotein particle size: the Framingham Heart Study. <i>Circulation</i> , 2006 , 113, 2062-70	16.7	96
336	Effect of the Mediterranean diet on heart failure biomarkers: a randomized sample from the PREDIMED trial. <i>European Journal of Heart Failure</i> , 2014 , 16, 543-50	12.3	95
335	Dairy product consumption and risk of type 2 diabetes in an elderly Spanish Mediterranean population at high cardiovascular risk. <i>European Journal of Nutrition</i> , 2016 , 55, 349-60	5.2	94
334	Differential effects of the C1431T and Pro12Ala PPARGgamma gene variants on plasma lipids and diabetes risk in an Asian population. <i>Journal of Lipid Research</i> , 2004 , 45, 674-85	6.3	94
333	Consumption of Yogurt, Low-Fat Milk, and Other Low-Fat Dairy Products Is Associated with Lower Risk of Metabolic Syndrome Incidence in an Elderly Mediterranean Population. <i>Journal of Nutrition</i> , 2015 , 145, 2308-16	4.1	92
332	Influence of a Mediterranean Dietary Pattern on Body Fat Distribution: Results of the PREDIMED-Canarias Intervention Randomized Trial. <i>Journal of the American College of Nutrition</i> , 2016 , 35, 568-580	3.5	91
331	A high intake of saturated fatty acids strengthens the association between the fat mass and obesity-associated gene and BMI. <i>Journal of Nutrition</i> , 2011 , 141, 2219-25	4.1	87
330	Cohort Profile: Design and methods of the PREDIMED-Plus randomized trial. <i>International Journal of Epidemiology</i> , 2019 , 48, 387-388o	7.8	87
329	Plasma acylcarnitines and risk of cardiovascular disease: effect of Mediterranean diet interventions. <i>American Journal of Clinical Nutrition</i> , 2016 , 103, 1408-16	7	86
328	Obese subjects carrying the 11482G>A polymorphism at the perilipin locus are resistant to weight loss after dietary energy restriction. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 5121-6	5.6	85
327	Nutrigenomics in cardiovascular medicine. <i>Circulation: Cardiovascular Genetics</i> , 2009 , 2, 637-51		84
326	Changes in ultrasound-assessed carotid intima-media thickness and plaque with a Mediterranean diet: a substudy of the PREDIMED trial. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 439-454	4.4	83
325	Association of Taq1B polymorphism in the cholesteryl ester transfer protein gene with plasma lipid levels in a healthy Spanish population. <i>Atherosclerosis</i> , 2000 , 152, 367-76	3.1	80
324	APOA5 gene variation modulates the effects of dietary fat intake on body mass index and obesity risk in the Framingham Heart Study. <i>Journal of Molecular Medicine</i> , 2007 , 85, 119-28	5.5	79
323	Bitter, Sweet, Salty, Sour and Umami Taste Perception Decreases with Age: Sex-Specific Analysis, Modulation by Genetic Variants and Taste-Preference Associations in 18 to 80 Year-Old Subjects. <i>Nutrients</i> , 2018 , 10,	6.7	79

322	Mediterranean Diet, Retinopathy, Nephropathy, and Microvascular Diabetes Complications: A Post Hoc Analysis of a Randomized Trial. <i>Diabetes Care</i> , 2015 , 38, 2134-41	14.6	78
321	Cross-sectional assessment of nut consumption and obesity, metabolic syndrome and other cardiometabolic risk factors: the PREDIMED study. <i>PLoS ONE</i> , 2013 , 8, e57367	3.7	78
320	Sex-Specific Differences in the Control of Serum Concentrations of Glycine in Subjects with Metabolic Syndrome and Mendelian Randomization Analysis for Obesity. <i>Current Developments in Nutrition</i> , 2020 , 4, 1243-1243	0.4	78
319	Taste Perception Profiles and Adiposity in Older Adults with Metabolic Syndrome □ PREDIMED-Plus. <i>Current Developments in Nutrition</i> , 2020 , 4, 1635-1635	0.4	78
318	Low Serum Choline Concentrations Are Associated with Worse Cognitive Performance in Subjects with Metabolic Syndrome. <i>Current Developments in Nutrition</i> , 2020 , 4, 1200-1200	0.4	78
317	The Eveningness Chronotype and Lower Adherence to the Mediterranean Diet Are Associated With Depressive Symptoms in Older Subjects With Metabolic Syndrome. <i>Current Developments in Nutrition</i> , 2021 , 5, 901-901	0.4	78
316	Taste Perception Profiles Are Associated With Adherence to Empirically Derived Dietary Patterns Among Older Adults With Metabolic Syndrome. <i>Current Developments in Nutrition</i> , 2021 , 5, 407-407	0.4	78
315	Short-Term Effects on Gene-Expression and on DNA-Methylation at the Genome-Wide Level of the Iberian Ham Intake and Compared With Orange Intake: A Crossover Randomized Trial. <i>Current Developments in Nutrition</i> , 2021 , 5, 937-937	0.4	78
314	Urea Cycle Metabolites and Atrial Fibrillation or Heart Failure Risk: Two Case-Control Studies in the PREDIMED Trial. <i>Current Developments in Nutrition</i> , 2021 , 5, 18-18	0.4	78
313	Plasma Lipidomic Profiling and Risk of Type 2 Diabetes in the PREDIMED Trial. <i>Diabetes Care</i> , 2018 , 41, 2617-2624	14.6	78
312	Benefits of the Mediterranean diet: Epidemiological and molecular aspects. <i>Molecular Aspects of Medicine</i> , 2019 , 67, 1-55	16.7	77
311	Metabolomic pattern analysis after mediterranean diet intervention in a nondiabetic population: a 1- and 3-year follow-up in the PREDIMED study. <i>Journal of Proteome Research</i> , 2015 , 14, 531-40	5.6	76
310	Obesity modulates the association among APOE genotype, insulin, and glucose in men. <i>Obesity</i> , 2003 , 11, 1502-8		76
309	Legume consumption is inversely associated with type 2 diabetes incidence in adults: A prospective assessment from the PREDIMED study. <i>Clinical Nutrition</i> , 2018 , 37, 906-913	5.9	71
308	In vivo transcriptomic profile after a Mediterranean diet in high-cardiovascular risk patients: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2013 , 98, 845-53	7	70
307	Phytosterol plasma concentrations and coronary heart disease in the prospective Spanish EPIC cohort. <i>Journal of Lipid Research</i> , 2010 , 51, 618-24	6.3	67
306	Lifestyles and risk factors associated with adherence to the Mediterranean diet: a baseline assessment of the PREDIMED trial. <i>PLoS ONE</i> , 2013 , 8, e60166	3.7	66
305	Hyperlipidaemia and venous thromboembolism in patients lacking thrombophilic risk factors. <i>British Journal of Haematology</i> , 2002 , 118, 255-9	4.5	66

304	CLOCK gene variation is associated with incidence of type-2 diabetes and cardiovascular diseases in type-2 diabetic subjects: dietary modulation in the PREDIMED randomized trial. <i>Cardiovascular Diabetology</i> , 2016 , 15, 4	8.7	65
303	Mediterranean diet and quality of life: Baseline cross-sectional analysis of the PREDIMED-PLUS trial. <i>PLoS ONE</i> , 2018 , 13, e0198974	3.7	65
302	Gender-specific association of a perilipin gene haplotype with obesity risk in a white population. <i>Obesity</i> , 2004 , 12, 1758-65		65
301	Environmental factors modulate the effect of the APOE genetic polymorphism on plasma lipid concentrations: ecogenetic studies in a Mediterranean Spanish population. <i>Metabolism: Clinical and Experimental</i> , 2001 , 50, 936-44	12.7	65
300	Effect of a traditional Mediterranean diet on apolipoproteins B, A-I, and their ratio: a randomized, controlled trial. <i>Atherosclerosis</i> , 2011 , 218, 174-80	3.1	63
299	Associations of LPL and APOC3 gene polymorphisms on plasma lipids in a Mediterranean population: interaction with tobacco smoking and the APOE locus. <i>Journal of Lipid Research</i> , 2002 , 43, 416-427	6.3	63
298	Total and subtypes of dietary fat intake and risk of type 2 diabetes mellitus in the Prevenci3 con Dieta Mediterr3nea (PREDIMED) study. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 723-735	7	62
297	Intake of Total Polyphenols and Some Classes of Polyphenols Is Inversely Associated with Diabetes in Elderly People at High Cardiovascular Disease Risk. <i>Journal of Nutrition</i> , 2015 , 146, 767-777	4.1	62
296	Perilipin gene variation determines higher susceptibility to insulin resistance in Asian women when consuming a high-saturated fat, low-carbohydrate diet. <i>Diabetes Care</i> , 2006 , 29, 1313-9	14.6	61
295	The tomato sauce making process affects the bioaccessibility and bioavailability of tomato phenolics: a pharmacokinetic study. <i>Food Chemistry</i> , 2015 , 173, 864-72	8.5	60
294	Dietary Marine 3 Fatty Acids and Incident Sight-Threatening Retinopathy in Middle-Aged and Older Individuals With Type 2 Diabetes: Prospective Investigation From the PREDIMED Trial. <i>JAMA Ophthalmology</i> , 2016 , 134, 1142-1149	3.9	60
293	Fiber intake and all-cause mortality in the Prevenci3 con Dieta Mediterr3nea (PREDIMED) study. <i>American Journal of Clinical Nutrition</i> , 2014 , 100, 1498-507	7	59
292	Effect of genetic variation in the leptin gene promoter and the leptin receptor gene on obesity risk in a population-based case-control study in Spain. <i>European Journal of Epidemiology</i> , 2006 , 21, 605-12	12.1	59
291	Associations of LPL and APOC3 gene polymorphisms on plasma lipids in a Mediterranean population: interaction with tobacco smoking and the APOE locus. <i>Journal of Lipid Research</i> , 2002 , 43, 416-27	6.3	59
290	Impact of Consuming Extra-Virgin Olive Oil or Nuts within a Mediterranean Diet on DNA Methylation in Peripheral White Blood Cells within the PREDIMED-Navarra Randomized Controlled Trial: A Role for Dietary Lipids. <i>Nutrients</i> , 2017 , 10,	6.7	58
289	Remnant Cholesterol, Not LDL Cholesterol, Is Associated With Incident Cardiovascular Disease. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 2712-2724	15.1	58
288	Dietary fat interacts with the -514C>T polymorphism in the hepatic lipase gene promoter on plasma lipid profiles in a multiethnic Asian population: the 1998 Singapore National Health Survey. <i>Journal of Nutrition</i> , 2003 , 133, 3399-408	4.1	57
287	Association between dietary fibre intake and fruit, vegetable or whole-grain consumption and the risk of CVD: results from the PREvenci3 con Dieta MEDiterr3nea (PREDIMED) trial. <i>British Journal of Nutrition</i> , 2016 , 116, 534-46	3.6	57

286	Dietary inflammatory index and all-cause mortality in large cohorts: The SUN and PREDIMED studies. <i>Clinical Nutrition</i> , 2019 , 38, 1221-1231	5.9	55
285	The Mediterranean diet, plasma metabolome, and cardiovascular disease risk. <i>European Heart Journal</i> , 2020 , 41, 2645-2656	9.5	54
284	Meta-analysis of the INSIG2 association with obesity including 74,345 individuals: does heterogeneity of estimates relate to study design?. <i>PLoS Genetics</i> , 2009 , 5, e1000694	6	54
283	Factor V Leiden and prothrombin G20210A mutations in young adults with cryptogenic ischemic stroke. <i>Thrombosis and Haemostasis</i> , 2004 , 91, 1031-4	7	54
282	Gender specific associations of the Trp64Arg mutation in the beta3-adrenergic receptor gene with obesity-related phenotypes in a Mediterranean population: interaction with a common lipoprotein lipase gene variation. <i>Journal of Internal Medicine</i> , 2001 , 250, 348-60	10.8	54
281	Anti-Inflammatory Effects of the Mediterranean Diet in the Early and Late Stages of Atheroma Plaque Development. <i>Mediators of Inflammation</i> , 2017 , 2017, 3674390	4.3	53
280	Plasma branched chain/aromatic amino acids, enriched Mediterranean diet and risk of type 2 diabetes: case-cohort study within the PREDIMED Trial. <i>Diabetologia</i> , 2018 , 61, 1560-1571	10.3	53
279	Aging and cardiovascular diseases: the role of gene-diet interactions. <i>Ageing Research Reviews</i> , 2014 , 18, 53-73	12	53
278	Association of the LCT-13910C>T polymorphism with obesity and its modulation by dairy products in a Mediterranean population. <i>Obesity</i> , 2011 , 19, 1707-14	8	53
277	Statistical and biological gene-lifestyle interactions of MC4R and FTO with diet and physical activity on obesity: new effects on alcohol consumption. <i>PLoS ONE</i> , 2012 , 7, e52344	3.7	53
276	Intragenic linkage disequilibrium structure of the human perilipin gene (PLIN) and haplotype association with increased obesity risk in a multiethnic Asian population. <i>Journal of Molecular Medicine</i> , 2005 , 83, 448-56	5.5	52
275	Mediterranean diet and risk of heart failure: results from the PREDIMED randomized controlled trial. <i>European Journal of Heart Failure</i> , 2017 , 19, 1179-1185	12.3	50
274	Effects of Polyphenol, Measured by a Biomarker of Total Polyphenols in Urine, on Cardiovascular Risk Factors After a Long-Term Follow-Up in the PREDIMED Study. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 2572606	6.7	50
273	Increases in Plasma Tryptophan Are Inversely Associated with Incident Cardiovascular Disease in the Prevenci3 con Dieta Mediterr3nea (PREDIMED) Study. <i>Journal of Nutrition</i> , 2017 , 147, 314-322	4.1	49
272	Plasma lipidomic profiles and cardiovascular events in a randomized intervention trial with the Mediterranean diet. <i>American Journal of Clinical Nutrition</i> , 2017 , 106, 973-983	7	49
271	Legume consumption and risk of all-cause, cardiovascular, and cancer mortality in the PREDIMED study. <i>Clinical Nutrition</i> , 2019 , 38, 348-356	5.9	49
270	Dietary ̑-linolenic Acid, Marine ̑ Fatty Acids, and Mortality in a Population With High Fish Consumption: Findings From the PREvenci3 con Dieta MEDiterr3nea (PREDIMED) Study. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	48
269	High dietary protein intake is associated with an increased body weight and total death risk. <i>Clinical Nutrition</i> , 2016 , 35, 496-506	5.9	47

268	Effect of a high-fat Mediterranean diet on bodyweight and waist circumference: a prespecified secondary outcomes analysis of the PREDIMED randomised controlled trial. <i>Lancet Diabetes and Endocrinology</i> , 2019 , 7, e6-e17	18.1	47
267	Gut and microbial resveratrol metabolite profiling after moderate long-term consumption of red wine versus dealcoholized red wine in humans by an optimized ultra-high-pressure liquid chromatography tandem mass spectrometry method. <i>Journal of Chromatography A</i> , 2012 , 1265, 105-13	4.5	47
266	Association between glucokinase regulatory protein (GCKR) and apolipoprotein A5 (APOA5) gene polymorphisms and triacylglycerol concentrations in fasting, postprandial, and fenofibrate-treated states. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 391-9	7	47
265	Dietary intake of vitamin K is inversely associated with mortality risk. <i>Journal of Nutrition</i> , 2014 , 144, 743-50	4.1	45
264	Novel multimetabolite prediction of walnut consumption by a urinary biomarker model in a free-living population: the PREDIMED study. <i>Journal of Proteome Research</i> , 2014 , 13, 3476-83	5.6	44
263	Moderate red wine consumption is associated with a lower prevalence of the metabolic syndrome in the PREDIMED population. <i>British Journal of Nutrition</i> , 2015 , 113 Suppl 2, S121-30	3.6	44
262	Alcohol consumption is associated with high concentrations of urinary hydroxytyrosol. <i>American Journal of Clinical Nutrition</i> , 2009 , 90, 1329-35	7	44
261	Metabolites of Glutamate Metabolism Are Associated With Incident Cardiovascular Events in the PREDIMED PREvenci� con Dieta MEDiterr�nea (PREDIMED) Trial. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	44
260	Frequent Consumption of Sugar- and Artificially Sweetened Beverages and Natural and Bottled Fruit Juices Is Associated with an Increased Risk of Metabolic Syndrome in a Mediterranean Population at High Cardiovascular Disease Risk. <i>Journal of Nutrition</i> , 2016 , 146, 1528-36	4.1	43
259	Association of Tryptophan Metabolites with Incident Type 2 Diabetes in the PREDIMED Trial: A Case-Cohort Study. <i>Clinical Chemistry</i> , 2018 , 64, 1211-1220	5.5	42
258	Association between a SLC23A2 gene variation, plasma vitamin C levels, and risk of glaucoma in a Mediterranean population. <i>Molecular Vision</i> , 2011 , 17, 2997-3004	2.3	42
257	A metabolomics-driven approach to predict cocoa product consumption by designing a multimetabolite biomarker model in free-living subjects from the PREDIMED study. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 212-20	5.9	41
256	Predictors of short- and long-term adherence with a Mediterranean-type diet intervention: the PREDIMED randomized trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2016 , 13, 67	8.4	40
255	Dietary magnesium intake is inversely associated with mortality in adults at high cardiovascular disease risk. <i>Journal of Nutrition</i> , 2014 , 144, 55-60	4.1	40
254	Incidence of post-thrombotic syndrome and its association with various risk factors in a cohort of Spanish patients after one year of follow-up following acute deep venous thrombosis. <i>Thrombosis and Haemostasis</i> , 2004 , 92, 328-36	7	40
253	Tomato Sauce Enriched with Olive Oil Exerts Greater Effects on Cardiovascular Disease Risk Factors than Raw Tomato and Tomato Sauce: A Randomized Trial. <i>Nutrients</i> , 2016 , 8, 170	6.7	40
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250	Association between a healthy lifestyle and general obesity and abdominal obesity in an elderly population at high cardiovascular risk. <i>Preventive Medicine</i> , 2011 , 53, 155-61	4.3	39
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