

Roberto Elosua

List of Publications by Citations

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406
papers

40,863
citations

78
h-index

198
g-index

461
ext. papers

51,449
ext. citations

5.8
avg. IF

6.26
L-index

#	Paper	IF	Citations
406	Analysis of protein-coding genetic variation in 60,706 humans. <i>Nature</i> , 2016 , 536, 285-91	50.4	6940
405	The mutational constraint spectrum quantified from variation in 141,456 humans. <i>Nature</i> , 2020 , 581, 434-443	50.4	2278
404	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , 2010 , 42, 937-48	36.3	2267
403	Worldwide trends in diabetes since 1980: a pooled analysis of 751 population-based studies with 4.4 million participants. <i>Lancet, The</i> , 2016 , 387, 1513-1530	40	2039
402	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. <i>Nature</i> , 2011 , 478, 103-9	50.4	1564
401	Plasma HDL cholesterol and risk of myocardial infarction: a mendelian randomisation study. <i>Lancet, The</i> , 2012 , 380, 572-80	40	1523
400	Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , 2010 , 467, 832-8	50.4	1514
399	Large-scale association analysis identifies 13 new susceptibility loci for coronary artery disease. <i>Nature Genetics</i> , 2011 , 43, 333-8	36.3	1394
398	A comprehensive 1,000 Genomes-based genome-wide association meta-analysis of coronary artery disease. <i>Nature Genetics</i> , 2015 , 47, 1121-1130	36.3	1290
397	Worldwide trends in blood pressure from 1975 to 2015: a pooled analysis of 1479 population-based measurement studies with 191 million participants. <i>Lancet, The</i> , 2017 , 389, 37-55	40	1100
396	Genome-wide association study identifies eight loci associated with blood pressure. <i>Nature Genetics</i> , 2009 , 41, 666-76	36.3	970
395	Genome-wide association of early-onset myocardial infarction with single nucleotide polymorphisms and copy number variants. <i>Nature Genetics</i> , 2009 , 41, 334-41	36.3	884
394	A genome-wide meta-analysis identifies 22 loci associated with eight hematological parameters in the HaemGen consortium. <i>Nature Genetics</i> , 2009 , 41, 1182-90	36.3	433
393	New susceptibility locus for coronary artery disease on chromosome 3q22.3. <i>Nature Genetics</i> , 2009 , 41, 280-2	36.3	389
392	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. <i>Nature Genetics</i> , 2018 , 50, 1412-1425	36.3	386
391	Excess of rare variants in genes identified by genome-wide association study of hypertriglyceridemia. <i>Nature Genetics</i> , 2010 , 42, 684-7	36.3	365
390	Validation of the Minnesota Leisure Time Physical Activity Questionnaire in Spanish men. The MARATHOM Investigators. <i>American Journal of Epidemiology</i> , 1994 , 139, 1197-209	3.8	348

389	Common variants at 10 genomic loci influence hemoglobin A _{1c} levels via glyceimic and nonglyceimic pathways. <i>Diabetes</i> , 2010 , 59, 3229-39	0.9	314
388	Genome-wide association analysis identifies novel blood pressure loci and offers biological insights into cardiovascular risk. <i>Nature Genetics</i> , 2017 , 49, 403-415	36.3	313
387	Inactivating mutations in NPC1L1 and protection from coronary heart disease. <i>New England Journal of Medicine</i> , 2014 , 371, 2072-82	59.2	307
386	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. <i>Nature Genetics</i> , 2016 , 48, 1171-1184	36.3	251
385	Adherence to the traditional mediterranean diet is inversely associated with body mass index and obesity in a spanish population. <i>Journal of Nutrition</i> , 2004 , 134, 3355-61	4.1	244
384	Validation of the Minnesota Leisure Time Physical Activity Questionnaire In Spanish Women. Investigators of the MARATDON Group. <i>Medicine and Science in Sports and Exercise</i> , 2000 , 32, 1431-7	1.2	239
383	A structural variation reference for medical and population genetics. <i>Nature</i> , 2020 , 581, 444-451	50.4	223
382	Long-term endurance sport practice increases the incidence of lone atrial fibrillation in men: a follow-up study. <i>Europace</i> , 2008 , 10, 618-23	3.9	223
381	Ambient air pollution is associated with increased risk of hospital cardiac readmissions of myocardial infarction survivors in five European cities. <i>Circulation</i> , 2005 , 112, 3073-9	16.7	220
380	Long-lasting sport practice and lone atrial fibrillation. <i>European Heart Journal</i> , 2002 , 23, 477-82	9.5	217
379	Genome-wide association study for coronary artery calcification with follow-up in myocardial infarction. <i>Circulation</i> , 2011 , 124, 2855-64	16.7	213
378	An adaptation of the Framingham coronary heart disease risk function to European Mediterranean areas. <i>Journal of Epidemiology and Community Health</i> , 2003 , 57, 634-8	5.1	207
377	Physical activity, height, and left atrial size are independent risk factors for lone atrial fibrillation in middle-aged healthy individuals. <i>Europace</i> , 2008 , 10, 15-20	3.9	198
376	Response of oxidative stress biomarkers to a 16-week aerobic physical activity program, and to acute physical activity, in healthy young men and women. <i>Atherosclerosis</i> , 2003 , 167, 327-34	3.1	190
375	High prevalence of cardiovascular risk factors in Gerona, Spain, a province with low myocardial infarction incidence. REGICOR Investigators. <i>Journal of Epidemiology and Community Health</i> , 1998 , 52, 707-15	5.1	179
374	Sport practice and the risk of lone atrial fibrillation: a case-control study. <i>International Journal of Cardiology</i> , 2006 , 108, 332-7	3.2	179
373	Validity of an adaptation of the Framingham cardiovascular risk function: the VERIFICA Study. <i>Journal of Epidemiology and Community Health</i> , 2007 , 61, 40-7	5.1	177
372	Large-scale gene-centric analysis identifies novel variants for coronary artery disease. <i>PLoS Genetics</i> , 2011 , 7, e1002260	6	175

371	Recommendations for preparticipation screening and the assessment of cardiovascular disease in masters athletes: an advisory for healthcare professionals from the working groups of the World Heart Federation, the International Federation of Sports Medicine, and the American Heart Association Committee on Exercise, Cardiac Rehabilitation, and Prevention. <i>Circulation</i> , 2001 , 103, 327-34	16.7	168
370	Meta-analysis of genome-wide association studies identifies 1q22 as a susceptibility locus for intracerebral hemorrhage. <i>American Journal of Human Genetics</i> , 2014 , 94, 511-21	11	166
369	Risk of Cause-Specific Death in Individuals With Diabetes: A Competing Risks Analysis. <i>Diabetes Care</i> , 2016 , 39, 1987-1995	14.6	165
368	Endurance sport practice as a risk factor for atrial fibrillation and atrial flutter. <i>Europace</i> , 2009 , 11, 11-7	3.9	160
367	Mortality differences between men and women following first myocardial infarction. RESCATE Investigators. Recursos Empleados en el Síndrome Coronario Agudo y Tiempo de Espera. <i>JAMA - Journal of the American Medical Association</i> , 1998 , 280, 1405-9	27.4	155
366	Worldwide trends in hypertension prevalence and progress in treatment and control from 1990 to 2019: a pooled analysis of 1201 population-representative studies with 104 million participants. <i>Lancet, The</i> , 2021 , 398, 957-980	40	154
365	Factores de riesgo cardiovascular. Perspectivas derivadas del Framingham Heart Study. <i>Revista Espanola De Cardiologia</i> , 2008 , 61, 299-310	1.5	133
364	Meta-analyses of the association between cytochrome CYP2C19 loss- and gain-of-function polymorphisms and cardiovascular outcomes in patients with coronary artery disease treated with clopidogrel. <i>Heart</i> , 2012 , 98, 100-8	5.1	130
363	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
362	Phenotypic Characterization of Genetically Lowered Human Lipoprotein(a) Levels. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 2761-2772	15.1	127
361	Effect of the number of measurement sites on land use regression models in estimating local air pollution. <i>Atmospheric Environment</i> , 2012 , 54, 634-642	5.3	125
360	Twenty-five-year trends in myocardial infarction attack and mortality rates, and case-fatality, in six European populations. <i>Heart</i> , 2015 , 101, 1413-21	5.1	124
359	Association between physical activity, physical performance, and inflammatory biomarkers in an elderly population: the InCHIANTI study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2005 , 60, 760-7	6.4	123
358	Trends in cardiovascular risk factor prevalence (1995-2000-2005) in northeastern Spain. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2007 , 14, 653-9		120
357	Epidemiología del síndrome coronario agudo en España: estimación del número de casos y la tendencia de 2005 a 2049. <i>Revista Espanola De Cardiologia</i> , 2013 , 66, 472-481	1.5	119
356	Circulating oxidized LDL is associated with increased waist circumference independent of body mass index in men and women. <i>American Journal of Clinical Nutrition</i> , 2006 , 83, 30-5; quiz 181-2	7	119
355	Prevalence of symptomatic and asymptomatic peripheral arterial disease and the value of the ankle-brachial index to stratify cardiovascular risk. <i>European Journal of Vascular and Endovascular Surgery</i> , 2009 , 38, 305-11	2.3	113
354	Association of Rare and Common Variation in the Lipoprotein Lipase Gene With Coronary Artery Disease. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 317, 937-946	27.4	109

353	Effects of diabetes definition on global surveillance of diabetes prevalence and diagnosis: a pooled analysis of 96 population-based studies with 331,288 participants. <i>Lancet Diabetes and Endocrinology</i> , 2015 , 3, 624-37	18.1	109
352	Associations of traffic related air pollutants with hospitalisation for first acute myocardial infarction: the HEAPSS study. <i>Occupational and Environmental Medicine</i> , 2006 , 63, 844-51	2.1	109
351	Long-term exposure to ambient air pollution and traffic noise and incident hypertension in seven cohorts of the European study of cohorts for air pollution effects (ESCAPE). <i>European Heart Journal</i> , 2017 , 38, 983-990	9.5	107
350	Combined use of high-sensitivity ST2 and NTproBNP to improve the prediction of death in heart failure. <i>European Journal of Heart Failure</i> , 2012 , 14, 32-8	12.3	106
349	Validity for use in research on vascular diseases of the SIDIAP (Information System for the Development of Research in Primary Care): the EMMA study. <i>Revista Espanola De Cardiologia</i> , 2012 , 65, 29-37	1.5	102
348	A genome-wide association study identifies LIPA as a susceptibility gene for coronary artery disease. <i>Circulation: Cardiovascular Genetics</i> , 2011 , 4, 403-12		98
347	Epigenome-wide association study identifies TXNIP gene associated with type 2 diabetes mellitus and sustained hyperglycemia. <i>Human Molecular Genetics</i> , 2016 , 25, 609-19	5.6	96
346	Arterial blood pressure and long-term exposure to traffic-related air pollution: an analysis in the European Study of Cohorts for Air Pollution Effects (ESCAPE). <i>Environmental Health Perspectives</i> , 2014 , 122, 896-905	8.4	95
345	Statins for primary prevention of cardiovascular events and mortality in old and very old adults with and without type 2 diabetes: retrospective cohort study. <i>BMJ, The</i> , 2018 , 362, k3359	5.9	90
344	Seasonality of cardiovascular risk factors: an analysis including over 230 000 participants in 15 countries. <i>Heart</i> , 2014 , 100, 1517-23	5.1	88
343	Physical activity and its determinants in severe chronic obstructive pulmonary disease. <i>Medicine and Science in Sports and Exercise</i> , 2004 , 36, 1667-73	1.2	87
342	Cohort Profile: Design and methods of the PREDIMED-Plus randomized trial. <i>International Journal of Epidemiology</i> , 2019 , 48, 387-388o	7.8	87
341	High blood pressure and long-term exposure to indoor noise and air pollution from road traffic. <i>Environmental Health Perspectives</i> , 2014 , 122, 1193-200	8.4	86
340	Association of the PHACTR1/EDN1 Genetic Locus With Spontaneous Coronary Artery Dissection. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 58-66	15.1	86
339	Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. <i>Hypertension</i> , 2017 ,	8.5	85
338	Tobacco and alcohol consumption: impact on other cardiovascular and cancer risk factors in a southern European Mediterranean population. <i>British Journal of Nutrition</i> , 2002 , 88, 273-81	3.6	84
337	Prevalencia, distribución y variabilidad geográfica de los principales factores de riesgo cardiovascular en España. Análisis agrupado de datos individuales de estudios epidemiológicos poblacionales: estudio ERICE. <i>Revista Espanola De Cardiologia</i> , 2008 , 61, 1030-1040	1.5	83
336	Gene-age interactions in blood pressure regulation: a large-scale investigation with the CHARGE, Global BPgen, and ICBP Consortia. <i>American Journal of Human Genetics</i> , 2014 , 95, 24-38	11	80

335	Pathogenesis of coronary artery disease: focus on genetic risk factors and identification of genetic variants. <i>The Application of Clinical Genetics</i> , 2014 , 7, 15-32	3.1	78
334	Validation of the Regicor Short Physical Activity Questionnaire for the Adult Population. <i>PLoS ONE</i> , 2017 , 12, e0168148	3.7	78
333	Obesity modulates the association among APOE genotype, insulin, and glucose in men. <i>Obesity</i> , 2003 , 11, 1502-8		76
332	Statins for Prevention of Cardiovascular Events in a Low-Risk Population With Low Ankle Brachial Index. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 630-640	15.1	75
331	Lack of association between the Trp719Arg polymorphism in kinesin-like protein-6 and coronary artery disease in 19 case-control studies. <i>Journal of the American College of Cardiology</i> , 2010 , 56, 1552-63	15.1	75
330	Amount and intensity of physical activity, physical fitness, and serum lipids in men. The MARATHOM Investigators. <i>American Journal of Epidemiology</i> , 1996 , 143, 562-9	3.8	75
329	Changes in LDL fatty acid composition as a response to olive oil treatment are inversely related to lipid oxidative damage: The EUROLIVE study. <i>Journal of the American College of Nutrition</i> , 2008 , 27, 314-20	3.5	74
328	An increased burden of common and rare lipid-associated risk alleles contributes to the phenotypic spectrum of hypertriglyceridemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 1916-26	9.4	73
327	Association between DNA methylation and coronary heart disease or other atherosclerotic events: A systematic review. <i>Atherosclerosis</i> , 2017 , 263, 325-333	3.1	72
326	Protective effect of the KCNMB1 E65K genetic polymorphism against diastolic hypertension in aging women and its relevance to cardiovascular risk. <i>Circulation Research</i> , 2005 , 97, 1360-5	15.7	72
325	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
324	Antioxidant enzyme activity and coronary heart disease: meta-analyses of observational studies. <i>American Journal of Epidemiology</i> , 2009 , 170, 135-47	3.8	61
323	Association of long-term exposure to traffic-related air pollution with blood pressure and hypertension in an adult population-based cohort in Spain (the REGICOR study). <i>Environmental Health Perspectives</i> , 2014 , 122, 404-11	8.4	59
322	Concordance of electrocardiographic patterns and healed myocardial infarction location detected by cardiovascular magnetic resonance. <i>American Journal of Cardiology</i> , 2006 , 97, 443-51	3	59
321	Variants at the APOA5 locus, association with carotid atherosclerosis, and modification by obesity: the Framingham Study. <i>Journal of Lipid Research</i> , 2006 , 47, 990-6	6.3	59
320	Association of APOE genotype with carotid atherosclerosis in men and women: the Framingham Heart Study. <i>Journal of Lipid Research</i> , 2004 , 45, 1868-75	6.3	59
319	Metabolic syndrome in Spain: prevalence and coronary risk associated with harmonized definition and WHO proposal. DARIOS study. <i>Revista Espanola De Cardiologia</i> , 2012 , 65, 241-8	1.5	58
318	Transcript expression-aware annotation improves rare variant interpretation. <i>Nature</i> , 2020 , 581, 452-458	0.4	55

317	Analysis of predicted loss-of-function variants in UK Biobank identifies variants protective for disease. <i>Nature Communications</i> , 2018 , 9, 1613	17.4	55
316	Identification and validation of seven new loci showing differential DNA methylation related to serum lipid profile: an epigenome-wide approach. The REGICOR study. <i>Human Molecular Genetics</i> , 2016 , 25, 4556-4565	5.6	55
315	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
314	Relationship between physical activity and oxidative stress biomarkers in women. <i>Medicine and Science in Sports and Exercise</i> , 2002 , 34, 814-9	1.2	55
313	Regional variability in population acute myocardial infarction cumulative incidence and mortality rates in Spain 1997 and 1998. <i>European Journal of Epidemiology</i> , 2004 , 19, 831-9	12.1	54
312	Evaluating drug targets through human loss-of-function genetic variation. <i>Nature</i> , 2020 , 581, 459-464	50.4	53
311	Phenotypic Consequences of a Genetic Predisposition to Enhanced Nitric Oxide Signaling. <i>Circulation</i> , 2018 , 137, 222-232	16.7	53
310	DNA methylation and obesity traits: An epigenome-wide association study. The REGICOR study. <i>Epigenetics</i> , 2017 , 12, 909-916	5.7	53
309	Effects of long-term averaging of quantitative blood pressure traits on the detection of genetic associations. <i>American Journal of Human Genetics</i> , 2014 , 95, 49-65	11	52
308	Air pollution and atherosclerosis: a cross-sectional analysis of four European cohort studies in the ESCAPE study. <i>Environmental Health Perspectives</i> , 2015 , 123, 597-605	8.4	51
307	Relationship of age-related myocardial infarction risk and Gln/Arg 192 variants of the human paraoxonase1 gene: the REGICOR study. <i>Atherosclerosis</i> , 2001 , 156, 443-9	3.1	51
306	A missense variant in Mitochondrial Amidoxime Reducing Component 1 gene and protection against liver disease. <i>PLoS Genetics</i> , 2020 , 16, e1008629	6	49
305	New electrocardiographic criteria to differentiate the Type-2 Brugada pattern from electrocardiogram of healthy athletes with r'-wave in leads V1/V2. <i>Europace</i> , 2014 , 16, 1639-45	3.9	49
304	Investigating air pollution and atherosclerosis in humans: concepts and outlook. <i>Progress in Cardiovascular Diseases</i> , 2011 , 53, 334-43	8.5	49
303	Long-term prognosis of first myocardial infarction according to the electrocardiographic pattern (ST elevation myocardial infarction, non-ST elevation myocardial infarction and non-classified myocardial infarction) and revascularization procedures. <i>American Journal of Cardiology</i> , 2011 , 108, 1061-7	3	49
302	Protein-Truncating Variants at the Cholesteryl Ester Transfer Protein Gene and Risk for Coronary Heart Disease. <i>Circulation Research</i> , 2017 , 121, 81-88	15.7	48
301	Dietary α -linolenic Acid, Marine Ω 3 Fatty Acids, and Mortality in a Population With High Fish Consumption: Findings From the PRevensi3 con Dieta MEDiterr3nea (PREDIMED) Study. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	48
300	Interrelationship of smoking, paraoxonase activity, and leisure time physical activity: a population-based study. <i>European Journal of Internal Medicine</i> , 2003 , 14, 178-184	3.9	48

299	Measurement error in epidemiologic studies of air pollution based on land-use regression models. <i>American Journal of Epidemiology</i> , 2013 , 178, 1342-6	3.8	47
298	Interaction between the Gln-Arg 192 variants of the paraoxonase gene and oleic acid intake as a determinant of high-density lipoprotein cholesterol and paraoxonase activity. <i>European Journal of Pharmacology</i> , 2001 , 432, 121-8	5.3	47
297	Impact of a partial smoke-free legislation on myocardial infarction incidence, mortality and case-fatality in a population-based registry: the REGICOR Study. <i>PLoS ONE</i> , 2013 , 8, e53722	3.7	46
296	Ambient air pollution and daily mortality among survivors of myocardial infarction. <i>Epidemiology</i> , 2009 , 20, 110-8	3.1	46
295	Carotid intima-media thickness in the Spanish population: reference ranges and association with cardiovascular risk factors. <i>Revista Espanola De Cardiologia</i> , 2012 , 65, 1086-93	1.5	45
294	COL1A1, ESR1, VDR and TGFB1 polymorphisms and haplotypes in relation to BMD in Spanish postmenopausal women. <i>Osteoporosis International</i> , 2007 , 18, 235-43	5.3	45
293	International differences in acute coronary syndrome patients' baseline characteristics, clinical management and outcomes in Western Europe: the EURHOBOP study. <i>Heart</i> , 2014 , 100, 1201-7	5.1	44
292	Multilocus genetic risk scores for venous thromboembolism risk assessment. <i>Journal of the American Heart Association</i> , 2014 , 3, e001060	6	44
291	Relationship of lipid oxidation with subclinical atherosclerosis and 10-year coronary events in general population. <i>Atherosclerosis</i> , 2014 , 232, 134-40	3.1	44
290	Assessment of the value of a genetic risk score in improving the estimation of coronary risk. <i>Atherosclerosis</i> , 2012 , 222, 456-63	3.1	44
289	Physical activity modulates the combined effect of a common variant of the lipoprotein lipase gene and smoking on serum triglyceride levels and high-density lipoprotein cholesterol in men. <i>Human Genetics</i> , 2001 , 109, 385-92	6.3	44
288	Association between long-term exposure to traffic-related air pollution and subclinical atherosclerosis: the REGICOR study. <i>Environmental Health Perspectives</i> , 2013 , 121, 223-30	8.4	43
287	Análisis de la tendencia en la letalidad, incidencia y mortalidad por infarto de miocardio en Girona entre 1990 y 1999. <i>Revista Espanola De Cardiologia</i> , 2007 , 60, 349-356	1.5	42
286	Paraoxonase1-192 polymorphism modulates the nonfatal myocardial infarction risk associated with decreased HDLs. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001 , 21, 415-20	9.4	42
285	Contributions of mean and shape of blood pressure distribution to worldwide trends and variations in raised blood pressure: a pooled analysis of 1018 population-based measurement studies with 88.6 million participants. <i>International Journal of Epidemiology</i> , 2018 , 47, 872-883i	7.8	40
284	Relationship of therapeutic improvements and 28-day case fatality in patients hospitalized with acute myocardial infarction between 1978 and 1993 in the REGICOR study, Gerona, Spain. The REGICOR Investigators. <i>Circulation</i> , 1999 , 99, 1767-73	16.7	40
283	The association between education and cardiovascular disease incidence is mediated by hypertension, diabetes, and body mass index. <i>Scientific Reports</i> , 2017 , 7, 12370	4.9	39
282	Determinants of the transition from a cardiometabolic normal to abnormal overweight/obese phenotype in a Spanish population. <i>European Journal of Nutrition</i> , 2014 , 53, 1345-53	5.2	39

281	Global DNA methylation of ischemic stroke subtypes. <i>PLoS ONE</i> , 2014 , 9, e96543	3.7	38
280	Long-term cardiovascular risk in type 2 diabetic compared with nondiabetic first acute myocardial infarction patients: a population-based cohort study in southern Europe. <i>Diabetes Care</i> , 2010 , 33, 2004-9 ^{14.6}		38
279	Association between chronic immune-mediated inflammatory diseases and cardiovascular risk. <i>Heart</i> , 2018 , 104, 119-126	5.1	37
278	Sudden death. <i>Revista Espanola De Cardiologia</i> , 2012 , 65, 1039-52	1.5	37
277	Relationship between body mass index, serum cholesterol, leisure-time physical activity, and diet in a Mediterranean Southern-Europe population. <i>British Journal of Nutrition</i> , 2003 , 90, 431-9	3.6	36
276	Prevalence of angina pectoris in Spain. PANES Study group. <i>European Journal of Epidemiology</i> , 1999 , 15, 323-30	12.1	36
275	Ischemic stroke patients are biologically older than their chronological age. <i>Aging</i> , 2016 , 8, 2655-2666	5.6	36
274	A Mediterranean Diet Rich in Extra-Virgin Olive Oil Is Associated with a Reduced Prevalence of Nonalcoholic Fatty Liver Disease in Older Individuals at High Cardiovascular Risk. <i>Journal of Nutrition</i> , 2019 , 149, 1920-1929	4.1	35
273	Trends in the prevalence, awareness, treatment, and control of cardiovascular risk factors across educational level in the 1995-2005 period. <i>Annals of Epidemiology</i> , 2011 , 21, 555-63	6.4	35
272	Paraoxonase1-192 polymorphism modulates the effects of regular and acute exercise on paraoxonase1 activity. <i>Journal of Lipid Research</i> , 2002 , 43, 713-720	6.3	35
271	Clinical Utility of Multimarker Genetic Risk Scores for Prediction of Incident Coronary Heart Disease: A Cohort Study Among Over 51 000 Individuals of European Ancestry. <i>Circulation: Cardiovascular Genetics</i> , 2016 , 9, 531-540		34
270	Derivation and validation of a set of 10-year cardiovascular risk predictive functions in Spain: the FRESCO Study. <i>Preventive Medicine</i> , 2014 , 61, 66-74	4.3	34
269	Burden of risk alleles for hypertension increases risk of intracerebral hemorrhage. <i>Stroke</i> , 2012 , 43, 2877-83	6.9	34
268	Population dietary habits and physical activity modification with age. <i>European Journal of Clinical Nutrition</i> , 2004 , 58, 302-11	5.2	34
267	Mediterranean diet impact on changes in abdominal fat and 10-year incidence of abdominal obesity in a Spanish population. <i>British Journal of Nutrition</i> , 2014 , 111, 1481-7	3.6	33
266	Automatic measurement of corrected QT interval in Holter recordings: comparison of its dynamic behavior in patients after myocardial infarction with and without life-threatening arrhythmias. <i>American Heart Journal</i> , 1997 , 134, 181-7	4.9	33
265	Rationale and design of the BAYES (Interatrial Block and Yearly Events) registry. <i>Clinical Cardiology</i> , 2017 , 40, 196-199	3.3	32
264	Secular trends of obesity and cardiovascular risk factors in a Mediterranean population. <i>Obesity</i> , 2007 , 15, 557-62	8	32

263	RANTES/CCL5 and risk for coronary events: results from the MONICA/KORA Augsburg case-cohort, Athero-Express and CARDIoGRAM studies. <i>PLoS ONE</i> , 2011 , 6, e25734	3.7	31
262	Paraoxonase1-192 polymorphism modulates the effects of regular and acute exercise on paraoxonase1 activity. <i>Journal of Lipid Research</i> , 2002 , 43, 713-20	6.3	31
261	Implementation of Spanish adaptation of the European guidelines on cardiovascular disease prevention in primary care. <i>BMC Family Practice</i> , 2013 , 14, 36	2.6	30
260	Identification of a new locus and validation of previously reported loci showing differential methylation associated with smoking. The REGICOR study. <i>Epigenetics</i> , 2015 , 10, 1156-65	5.7	30
259	Association of Apolipoprotein E With Intracerebral Hemorrhage Risk by Race/Ethnicity: A Meta-analysis. <i>JAMA Neurology</i> , 2019 , 76, 480-491	17.2	29
258	Pilot study to validate a computer-based clinical decision support system for dyslipidemia treatment (HTE-DLP). <i>Atherosclerosis</i> , 2013 , 231, 401-4	3.1	29
257	Cardiovascular Risk Factors. Insights From Framingham Heart Study. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2008 , 61, 299-310	0.7	29
256	Dysfunctional High-Density Lipoproteins Are Associated With a Greater Incidence of Acute Coronary Syndrome in a Population at High Cardiovascular Risk: A Nested Case-Control Study. <i>Circulation</i> , 2020 , 141, 444-453	16.7	28
255	Interatrial block and atrial remodeling assessed using speckle tracking echocardiography. <i>BMC Cardiovascular Disorders</i> , 2018 , 18, 38	2.3	28
254	Posttranslational nitro-glycative modifications of albumin in Alzheimer's disease: implications in cytotoxicity and amyloid- β peptide aggregation. <i>Journal of Alzheimers Disease</i> , 2014 , 40, 643-57	4.3	28
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249	A gain-of-function SNP in TRPC4 cation channel protects against myocardial infarction. <i>Cardiovascular Research</i> , 2011 , 91, 465-71	9.9	27
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