

# Oscar H Franco

## 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.

573 papers	42,647 citations	85 h-index	190 g-index
616 ext. papers	56,239 ext. citations	7.8 avg, IF	7.07 L-index

#	Paper	IF	Citations
573	Worldwide trends in body-mass index, underweight, overweight, and obesity from 1975 to 2016: a pooled analysis of 2416 population-based measurement studies in 128·9 million children, adolescents, and adults. <i>Lancet, The</i> , <b>2017</b> , 390, 2627-2642	40	2980
572	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , <b>2015</b> , 518, 197-206	50.4	2687
571	Worldwide trends in diabetes since 1980: a pooled analysis of 751 population-based studies with 4.4 million participants. <i>Lancet, The</i> , <b>2016</b> , 387, 1513-1530	40	2039
570	A comprehensive 1,000 Genomes-based genome-wide association meta-analysis of coronary artery disease. <i>Nature Genetics</i> , <b>2015</b> , 47, 1121-1130	36.3	1290
569	Worldwide trends in blood pressure from 1975 to 2015: a pooled analysis of 1479 population-based measurement studies with 19·1 million participants. <i>Lancet, The</i> , <b>2017</b> , 389, 37-55	40	1100
568	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , <b>2015</b> , 518, 187-196	50.4	920
567	Public health benefits of strategies to reduce greenhouse-gas emissions: urban land transport. <i>Lancet, The</i> , <b>2009</b> , 374, 1930-43	40	708
566	Fine-mapping type 2 diabetes loci to single-variant resolution using high-density imputation and islet-specific epigenome maps. <i>Nature Genetics</i> , <b>2018</b> , 50, 1505-1513	36.3	675
565	Projections on the number of individuals with atrial fibrillation in the European Union, from 2000 to 2060. <i>European Heart Journal</i> , <b>2013</b> , 34, 2746-51	9.5	638
564	DNA methylation-based measures of biological age: meta-analysis predicting time to death. <i>Aging</i> , <b>2016</b> , 8, 1844-1865	5.6	531
563	Risk thresholds for alcohol consumption: combined analysis of individual-participant data for 599 912 current drinkers in 83 prospective studies. <i>Lancet, The</i> , <b>2018</b> , 391, 1513-1523	40	530
562	Epigenome-wide association study of body mass index, and the adverse outcomes of adiposity. <i>Nature</i> , <b>2017</b> , 541, 81-86	50.4	511
561	Adherence to cardiovascular therapy: a meta-analysis of prevalence and clinical consequences. <i>European Heart Journal</i> , <b>2013</b> , 34, 2940-8	9.5	489
560	DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. <i>American Journal of Human Genetics</i> , <b>2016</b> , 98, 680-96	11	489
559	2016 European Guidelines on cardiovascular disease prevention in clinical practice: The Sixth Joint Task Force of the European Society of Cardiology and Other Societies on Cardiovascular Disease Prevention in Clinical Practice (constituted by representatives of 10 societies and by invited experts). Developed with the special contribution of the European Association for Cardiovascular	3.9	445
558	The Generation R Study: design and cohort update 2012. <i>European Journal of Epidemiology</i> , <b>2012</b> , 27, 739-56	12.1	442
557	Optimal database combinations for literature searches in systematic reviews: a prospective exploratory study. <i>Systematic Reviews</i> , <b>2017</b> , 6, 245	3	415

556	Association between alcohol and cardiovascular disease: Mendelian randomisation analysis based on individual participant data. <i>BMJ, The</i> , <b>2014</b> , 349, g4164	5.9	406
555	The Generation R Study: design and cohort update 2017. <i>European Journal of Epidemiology</i> , <b>2016</b> , 31, 1243-1264	12.1	395
554	Vitamin D and risk of cause specific death: systematic review and meta-analysis of observational cohort and randomised intervention studies. <i>BMJ, The</i> , <b>2014</b> , 348, g1903	5.9	389
553	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. <i>Nature Genetics</i> , <b>2018</b> , 50, 1412-1425	36.3	386
552	Association of Cardiometabolic Multimorbidity With Mortality. <i>JAMA - Journal of the American Medical Association</i> , <b>2015</b> , 314, 52-60	27.4	365
551	2021 ESC Guidelines on cardiovascular disease prevention in clinical practice. <i>European Heart Journal</i> , <b>2021</b> , 42, 3227-3337	9.5	358
550	Non-vigorous physical activity and all-cause mortality: systematic review and meta-analysis of cohort studies. <i>International Journal of Epidemiology</i> , <b>2011</b> , 40, 121-38	7.8	348
549	Association of Age at Onset of Menopause and Time Since Onset of Menopause With Cardiovascular Outcomes, Intermediate Vascular Traits, and All-Cause Mortality: A Systematic Review and Meta-analysis. <i>JAMA Cardiology</i> , <b>2016</b> , 1, 767-776	16.2	327
548	Combined impact of lifestyle factors on mortality: prospective cohort study in US women. <i>BMJ, The</i> , <b>2008</b> , 337, a1440	5.9	318
547	The Rotterdam Study: 2016 objectives and design update. <i>European Journal of Epidemiology</i> , <b>2015</b> , 30, 661-708	12.1	307
546	The Rotterdam Study: 2018 update on objectives, design and main results. <i>European Journal of Epidemiology</i> , <b>2017</b> , 32, 807-850	12.1	296
545	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , <b>2016</b> , 7, 10023	17.4	295
544	Multi-ethnic genome-wide association study for atrial fibrillation. <i>Nature Genetics</i> , <b>2018</b> , 50, 1225-1233	36.3	277
543	Effects of physical activity on life expectancy with cardiovascular disease. <i>Archives of Internal Medicine</i> , <b>2005</b> , 165, 2355-60		271
542	Associations of diabetes mellitus with total life expectancy and life expectancy with and without cardiovascular disease. <i>Archives of Internal Medicine</i> , <b>2007</b> , 167, 1145-51		267
541	The Rotterdam Study: 2012 objectives and design update. <i>European Journal of Epidemiology</i> , <b>2011</b> , 26, 657-86	12.1	255
540	The Rotterdam Study: 2014 objectives and design update. <i>European Journal of Epidemiology</i> , <b>2013</b> , 28, 889-926	12.1	253
539	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. <i>Nature Genetics</i> , <b>2016</b> , 48, 1171-1184	36.3	251

538	Impact of Healthy Lifestyle Factors on Life Expectancies in the US Population. <i>Circulation</i> , <b>2018</b> , 138, 345-355	16.7	238
537	Association of low-frequency and rare coding-sequence variants with blood lipids and coronary heart disease in 56,000 whites and blacks. <i>American Journal of Human Genetics</i> , <b>2014</b> , 94, 223-32	11	233
536	Comparison of application of the ACC/AHA guidelines, Adult Treatment Panel III guidelines, and European Society of Cardiology guidelines for cardiovascular disease prevention in a European cohort. <i>JAMA - Journal of the American Medical Association</i> , <b>2014</b> , 311, 1416-23	27.4	231
535	Trans-ancestry genome-wide association study identifies 12 genetic loci influencing blood pressure and implicates a role for DNA methylation. <i>Nature Genetics</i> , <b>2015</b> , 47, 1282-1293	36.3	223
534	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. <i>Nature Genetics</i> , <b>2018</b> , 50, 559-571	36.3	221
533	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , <b>2019</b> , 51, 957-972	36.3	217
532	COVID-19 in Health-Care Workers: A Living Systematic Review and Meta-Analysis of Prevalence, Risk Factors, Clinical Characteristics, and Outcomes. <i>American Journal of Epidemiology</i> , <b>2021</b> , 190, 161-175	38	205
531	Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. <i>Nature Genetics</i> , <b>2014</b> , 46, 826-36	36.3	199
530	Blood pressure in adulthood and life expectancy with cardiovascular disease in men and women: life course analysis. <i>Hypertension</i> , <b>2005</b> , 46, 280-6	8.5	190
529	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. <i>Nature Genetics</i> , <b>2018</b> , 50, 26-41	36.3	186
528	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. <i>Nature Genetics</i> , <b>2017</b> , 49, 946-952	36.3	176
527	Maternal plasma folate impacts differential DNA methylation in an epigenome-wide meta-analysis of newborns. <i>Nature Communications</i> , <b>2016</b> , 7, 10577	17.4	172
526	DNA methylation signatures of chronic low-grade inflammation are associated with complex diseases. <i>Genome Biology</i> , <b>2016</b> , 17, 255	18.3	171
525	The potential for prevention of dementia across two decades: the prospective, population-based Rotterdam Study. <i>BMC Medicine</i> , <b>2015</b> , 13, 132	11.4	170
524	The Generation R Study: Biobank update 2015. <i>European Journal of Epidemiology</i> , <b>2014</b> , 29, 911-27	12.1	166
523	Levels of ambient air pollution according to mode of transport: a systematic review. <i>Lancet Public Health</i> , <b>2017</b> , 2, e23-e34	22.4	161
522	Genome-wide meta-analysis of observational studies shows common genetic variants associated with macronutrient intake. <i>American Journal of Clinical Nutrition</i> , <b>2013</b> , 97, 1395-402	7	161
521	Pharmacogenetic meta-analysis of genome-wide association studies of LDL cholesterol response to statins. <i>Nature Communications</i> , <b>2014</b> , 5, 5068	17.4	160

520	Meta-analysis identifies common and rare variants influencing blood pressure and overlapping with metabolic trait loci. <i>Nature Genetics</i> , <b>2016</b> , 48, 1162-70	36.3	152
519	First trimester fetal growth restriction and cardiovascular risk factors in school age children: population based cohort study. <i>BMJ, The</i> , <b>2014</b> , 348, g14	5.9	151
518	KLB is associated with alcohol drinking, and its gene product Eklotho is necessary for FGF21 regulation of alcohol preference. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 14372-14377	11.5	150
517	The global impact of non-communicable diseases on healthcare spending and national income: a systematic review. <i>European Journal of Epidemiology</i> , <b>2015</b> , 30, 251-77	12.1	150
516	Environmental toxic metal contaminants and risk of cardiovascular disease: systematic review and meta-analysis. <i>BMJ, The</i> , <b>2018</b> , 362, k3310	5.9	150
515	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. <i>Nature Communications</i> , <b>2015</b> , 6, 5897	17.4	147
514	Sex differences in lifetime risk and first manifestation of cardiovascular disease: prospective population based cohort study. <i>BMJ, The</i> , <b>2014</b> , 349, g5992	5.9	142
513	COVID-19: The forgotten priorities of the pandemic. <i>Maturitas</i> , <b>2020</b> , 136, 38-41	5	140
512	The Giessen Pulmonary Hypertension Registry: Survival in pulmonary hypertension subgroups. <i>Journal of Heart and Lung Transplantation</i> , <b>2017</b> , 36, 957-967	5.8	138
511	Use of Plant-Based Therapies and Menopausal Symptoms: A Systematic Review and Meta-analysis. <i>JAMA - Journal of the American Medical Association</i> , <b>2016</b> , 315, 2554-63	27.4	134
510	Association Between Atrial Fibrillation and Dementia in the General Population. <i>JAMA Neurology</i> , <b>2015</b> , 72, 1288-94	17.2	133
509	Dynamic interventions to control COVID-19 pandemic: a multivariate prediction modelling study comparing 16 worldwide countries. <i>European Journal of Epidemiology</i> , <b>2020</b> , 35, 389-399	12.1	130
508	Lifetime risk of developing impaired glucose metabolism and eventual progression from prediabetes to type 2 diabetes: a prospective cohort study. <i>Lancet Diabetes and Endocrinology, the</i> , <b>2016</b> , 4, 44-51	18.1	128
507	Efficacy and Safety of Flibanserin for the Treatment of Hypoactive Sexual Desire Disorder in Women: A Systematic Review and Meta-analysis. <i>JAMA Internal Medicine</i> , <b>2016</b> , 176, 453-62	11.5	125
506	Carotid stiffness is associated with incident stroke: a systematic review and individual participant data meta-analysis. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 66, 2116-2125	15.1	124
505	Intracranial carotid artery atherosclerosis and the risk of stroke in whites: the Rotterdam Study. <i>JAMA Neurology</i> , <b>2014</b> , 71, 405-11	17.2	122
504	Anemia and iron metabolism in COVID-19: a systematic review and meta-analysis. <i>European Journal of Epidemiology</i> , <b>2020</b> , 35, 763-773	12.1	120
503	Agreement Between 35 Published Frailty Scores in the General Population. <i>American Journal of Epidemiology</i> , <b>2017</b> , 186, 420-434	3.8	118

502	Healthy lifestyle and life expectancy free of cancer, cardiovascular disease, and type 2 diabetes: prospective cohort study. <i>BMJ, The</i> , <b>2020</b> , 368, l6669	5.9	118
501	Trajectories of entering the metabolic syndrome: the framingham heart study. <i>Circulation</i> , <b>2009</b> , 120, 1943-50	16.7	117
500	Subclinical Hypothyroidism and the Risk of Stroke Events and Fatal Stroke: An Individual Participant Data Analysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 100, 2181-91	5.6	112
499	B-type natriuretic peptide and C-reactive protein in the prediction of atrial fibrillation risk: the CHARGE-AF Consortium of community-based cohort studies. <i>Europace</i> , <b>2014</b> , 16, 1426-33	3.9	112
498	The role of epigenetic modifications in cardiovascular disease: A systematic review. <i>International Journal of Cardiology</i> , <b>2016</b> , 212, 174-83	3.2	109
497	Natriuretic peptides and integrated risk assessment for cardiovascular disease: an individual-participant-data meta-analysis. <i>Lancet Diabetes and Endocrinology,the</i> , <b>2016</b> , 4, 840-9	18.1	108
496	Multiethnic meta-analysis of genome-wide association studies in >100 000 subjects identifies 23 fibrinogen-associated Loci but no strong evidence of a causal association between circulating fibrinogen and cardiovascular disease. <i>Circulation</i> , <b>2013</b> , 128, 1310-24	16.7	107
495	Novel genetic markers associate with atrial fibrillation risk in Europeans and Japanese. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, 1200-1210	15.1	102
494	Toward an operative diagnosis of fussy/picky eating: a latent profile approach in a population-based cohort. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2014</b> , 11, 14	8.4	100
493	Adiposity as a cause of cardiovascular disease: a Mendelian randomization study. <i>International Journal of Epidemiology</i> , <b>2015</b> , 44, 578-86	7.8	97
492	Lifestyle factors, cardiovascular disease and all-cause mortality in middle-aged and elderly women: a systematic review and meta-analysis. <i>European Journal of Epidemiology</i> , <b>2018</b> , 33, 831-845	12.1	91
491	Secretory phospholipase A(2)-IIA and cardiovascular disease: a mendelian randomization study. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, 1966-1976	15.1	91
490	Nutrition and healthy ageing: the key ingredients. <i>Proceedings of the Nutrition Society</i> , <b>2014</b> , 73, 249-59	2.9	91
489	Thyroid Function and the Risk of Nonalcoholic Fatty Liver Disease: The Rotterdam Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 3204-11	5.6	89
488	Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. <i>Hypertension</i> , <b>2017</b> ,	8.5	85
487	Physical activity and life expectancy with and without diabetes: life table analysis of the Framingham Heart Study. <i>Diabetes Care</i> , <b>2006</b> , 29, 38-43	14.6	85
486	Genome-wide association study of kidney function decline in individuals of European descent. <i>Kidney International</i> , <b>2015</b> , 87, 1017-29	9.9	83
485	DNA Methylation Analysis Identifies Loci for Blood Pressure Regulation. <i>American Journal of Human Genetics</i> , <b>2017</b> , 101, 888-902	11	83



484	Proton pump inhibitors and hypomagnesemia in the general population: a population-based cohort study. <i>American Journal of Kidney Diseases</i> , <b>2015</b> , 66, 775-82	7.4	81
483	Pleiotropic genes for metabolic syndrome and inflammation. <i>Molecular Genetics and Metabolism</i> , <b>2014</b> , 112, 317-38	3.7	81
482	The association between physical activity and dementia in an elderly population: the Rotterdam Study. <i>European Journal of Epidemiology</i> , <b>2013</b> , 28, 277-83	12.1	81
481	A 24-step guide on how to design, conduct, and successfully publish a systematic review and meta-analysis in medical research. <i>European Journal of Epidemiology</i> , <b>2020</b> , 35, 49-60	12.1	81
480	Adherence to a healthy diet according to the World Health Organization guidelines and all-cause mortality in elderly adults from Europe and the United States. <i>American Journal of Epidemiology</i> , <b>2014</b> , 180, 978-88	3.8	80
479	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> , <b>2014</b> , 95, 24-38	11	80
478	Changing course in ageing research: The healthy ageing phenotype. <i>Maturitas</i> , <b>2009</b> , 63, 13-9	5	80
477	Bi-directional associations between child fussy eating and parents' pressure to eat: Who influences whom?. <i>Physiology and Behavior</i> , <b>2017</b> , 176, 101-106	3.5	79
476	Prevalence and Prognostic Implications of Coronary Artery Calcification in Low-Risk Women: A Meta-analysis. <i>JAMA - Journal of the American Medical Association</i> , <b>2016</b> , 316, 2126-2134	27.4	79
475	Total dietary antioxidant capacity, individual antioxidant intake and breast cancer risk: the Rotterdam Study. <i>International Journal of Cancer</i> , <b>2015</b> , 136, 2178-86	7.5	78
474	Psoriasis is not associated with atherosclerosis and incident cardiovascular events: the Rotterdam Study. <i>Journal of Investigative Dermatology</i> , <b>2013</b> , 133, 2347-2354	4.3	78
473	The Polymeal: a more natural, safer, and probably tastier (than the Polypill) strategy to reduce cardiovascular disease by more than 75%. <i>BMJ, The</i> , <b>2004</b> , 329, 1447-50	5.9	78
472	Thyroid function and risk of type 2 diabetes: a population-based prospective cohort study. <i>BMC Medicine</i> , <b>2016</b> , 14, 150	11.4	78
471	Risk of Frailty in Elderly With COPD: A Population-Based Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2016</b> , 71, 689-95	6.4	77
470	Low-Frequency Synonymous Coding Variation in CYP2R1 Has Large Effects on Vitamin D Levels and Risk of Multiple Sclerosis. <i>American Journal of Human Genetics</i> , <b>2017</b> , 101, 227-238	11	76
469	Body shape index in comparison with other anthropometric measures in prediction of total and cause-specific mortality. <i>Journal of Epidemiology and Community Health</i> , <b>2016</b> , 70, 90-6	5.1	75
468	Whole-Genome Sequencing Coupled to Imputation Discovers Genetic Signals for Anthropometric Traits. <i>American Journal of Human Genetics</i> , <b>2017</b> , 100, 865-884	11	74
467	Adherence to the 2015 Dutch dietary guidelines and risk of non-communicable diseases and mortality in the Rotterdam Study. <i>European Journal of Epidemiology</i> , <b>2017</b> , 32, 993-1005	12.1	73

466	Epigenome-wide association study (EWAS) on lipids: the Rotterdam Study. <i>Clinical Epigenetics</i> , <b>2017</b> , 9, 15	7.7	71
465	Chronic obstructive pulmonary disease and sudden cardiac death: the Rotterdam study. <i>European Heart Journal</i> , <b>2015</b> , 36, 1754-61	9.5	71
464	BMI, total and abdominal fat distribution, and cardiovascular risk factors in school-age children. <i>Pediatric Research</i> , <b>2015</b> , 77, 710-8	3.2	71
463	1000 Genomes-based meta-analysis identifies 10 novel loci for kidney function. <i>Scientific Reports</i> , <b>2017</b> , 7, 45040	4.9	70
462	Adverse outcomes of frailty in the elderly: the Rotterdam Study. <i>European Journal of Epidemiology</i> , <b>2014</b> , 29, 419-27	12.1	70
461	Associations of Maternal Vitamin B12 Concentration in Pregnancy With the Risks of Preterm Birth and Low Birth Weight: A Systematic Review and Meta-Analysis of Individual Participant Data. <i>American Journal of Epidemiology</i> , <b>2017</b> , 185, 212-223	3.8	68
460	Gene Dietary pattern interactions in obesity: analysis of up to 68 317 adults of European ancestry. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 4728-38	5.6	68
459	Large-scale genome-wide analysis identifies genetic variants associated with cardiac structure and function. <i>Journal of Clinical Investigation</i> , <b>2017</b> , 127, 1798-1812	15.9	68
458	Atherosclerotic calcification is related to a higher risk of dementia and cognitive decline. <i>Alzheimer's and Dementia</i> , <b>2015</b> , 11, 639-47.e1	1.2	67
457	The Role of DNA Methylation and Histone Modifications in Neurodegenerative Diseases: A Systematic Review. <i>PLoS ONE</i> , <b>2016</b> , 11, e0167201	3.7	66
456	Maternal first-trimester diet and childhood bone mass: the Generation R Study. <i>American Journal of Clinical Nutrition</i> , <b>2013</b> , 98, 224-32	7	65
455	Cystatin C and Cardiovascular Disease: A Mendelian Randomization Study. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 68, 934-45	15.1	65
454	GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. <i>Nature Communications</i> , <b>2018</b> , 9, 5141	17.4	64
453	Associations of Steroid Sex Hormones and Sex Hormone-Binding Globulin With the Risk of Type 2 Diabetes in Women: A Population-Based Cohort Study and Meta-analysis. <i>Diabetes</i> , <b>2017</b> , 66, 577-586	0.9	61
452	Thyroid function and the risk of dementia: The Rotterdam Study. <i>Neurology</i> , <b>2016</b> , 87, 1688-1695	6.5	61
451	Platelet-Related Variants Identified by Exomechip Meta-analysis in 157,293 Individuals. <i>American Journal of Human Genetics</i> , <b>2016</b> , 99, 40-55	11	61
450	Fragmentation and stability of circadian activity rhythms predict mortality: the Rotterdam study. <i>American Journal of Epidemiology</i> , <b>2015</b> , 181, 54-63	3.8	60
449	High Androgens in Postmenopausal Women and the Risk for Atherosclerosis and Cardiovascular Disease: The Rotterdam Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2018</b> , 103, 1622-1630	5.6	60



448	Thyroid Function and Cancer Risk: The Rotterdam Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 5030-5036	5.6	60
447	Inflammatory markers and extent and progression of early atherosclerosis: Meta-analysis of individual-participant-data from 20 prospective studies of the PROG-IMT collaboration. <i>European Journal of Preventive Cardiology</i> , <b>2016</b> , 23, 194-205	3.9	60
446	Serum Magnesium and the Risk of Death From Coronary Heart Disease and Sudden Cardiac Death. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,	6	60
445	Effects of choline on health across the life course: a systematic review. <i>Nutrition Reviews</i> , <b>2015</b> , 73, 500-224	4.4	59
444	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. <i>American Journal of Human Genetics</i> , <b>2018</b> , 102, 375-400	11	59
443	Comparison of Atherosclerotic Calcification in Major Vessel Beds on the Risk of All-Cause and Cause-Specific Mortality: The Rotterdam Study. <i>Circulation: Cardiovascular Imaging</i> , <b>2015</b> , 8,	3.9	59
442	Serum metabolic signatures of coronary and carotid atherosclerosis and subsequent cardiovascular disease. <i>European Heart Journal</i> , <b>2019</b> , 40, 2883-2896	9.5	58
441	Normal Thyroid Function and the Risk of Atrial Fibrillation: the Rotterdam Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 100, 3718-24	5.6	58
440	Dietary Factors and Modulation of Bacteria Strains of and : A Systematic Review. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	58
439	Low serum vitamin D is associated with axial length and risk of myopia in young children. <i>European Journal of Epidemiology</i> , <b>2016</b> , 31, 491-9	12.1	58
438	Association of dietary macronutrient composition and non-alcoholic fatty liver disease in an ageing population: the Rotterdam Study. <i>Gut</i> , <b>2019</b> , 68, 1088-1098	19.2	57
437	Declining incidence of sudden cardiac death from 1990-2010 in a general middle-aged and elderly population: The Rotterdam Study. <i>Heart Rhythm</i> , <b>2015</b> , 12, 123-9	6.7	57
436	Characteristics of healthy vascular ageing in pooled population-based cohort studies: the global Metabolic syndrome and Artery REsearch Consortium. <i>Journal of Hypertension</i> , <b>2018</b> , 36, 2340-2349	1.9	57
435	Association of Vasomotor and Other Menopausal Symptoms with Risk of Cardiovascular Disease: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , <b>2016</b> , 11, e0157417	3.7	56
434	Thyroid function within the normal range and risk of coronary heart disease: an individual participant data analysis of 14 cohorts. <i>JAMA Internal Medicine</i> , <b>2015</b> , 175, 1037-47	11.5	55
433	Resting heart rate and the risk of heart failure in healthy adults: the Rotterdam Study. <i>Circulation: Heart Failure</i> , <b>2013</b> , 6, 403-10	7.6	55
432	Thyroid Function and Sudden Cardiac Death: A Prospective Population-Based Cohort Study. <i>Circulation</i> , <b>2016</b> , 134, 713-22	16.7	55
431	Vitamin D deficiency in school-age children is associated with sociodemographic and lifestyle factors. <i>Journal of Nutrition</i> , <b>2015</b> , 145, 791-8	4.1	54

430	A meta-analysis of 120 246 individuals identifies 18 new loci for fibrinogen concentration. <i>Human Molecular Genetics</i> , <b>2016</b> , 25, 358-70	5.6	54
429	Atherosclerotic plaque in the left carotid artery is more vulnerable than in the right. <i>Stroke</i> , <b>2014</b> , 45, 3226-30	6.7	54
428	High shear stress relates to intraplaque haemorrhage in asymptomatic carotid plaques. <i>Atherosclerosis</i> , <b>2016</b> , 251, 348-354	3.1	54
427	Associations of Mitochondrial and Nuclear Mitochondrial Variants and Genes with Seven Metabolic Traits. <i>American Journal of Human Genetics</i> , <b>2019</b> , 104, 112-138	11	54
426	Long-term strategies to control COVID-19 in low and middle-income countries: an options overview of community-based, non-pharmacological interventions. <i>European Journal of Epidemiology</i> , <b>2020</b> , 35, 743-748	12.1	53
425	Genome-Wide Association Study for Incident Myocardial Infarction and Coronary Heart Disease in Prospective Cohort Studies: The CHARGE Consortium. <i>PLoS ONE</i> , <b>2016</b> , 11, e0144997	3.7	53
424	Carotid intima-media thickness progression and risk of vascular events in people with diabetes: results from the PROG-IMT collaboration. <i>Diabetes Care</i> , <b>2015</b> , 38, 1921-9	14.6	52
423	Effects of long-term averaging of quantitative blood pressure traits on the detection of genetic associations. <i>American Journal of Human Genetics</i> , <b>2014</b> , 95, 49-65	11	52
422	Age at natural menopause and risk of type 2 diabetes: a prospective cohort study. <i>Diabetologia</i> , <b>2017</b> , 60, 1951-1960	10.3	52
421	Thyroid Function Characteristics and Determinants: The Rotterdam Study. <i>Thyroid</i> , <b>2016</b> , 26, 1195-204	6.2	52
420	Equalization of four cardiovascular risk algorithms after systematic recalibration: individual-participant meta-analysis of 86 prospective studies. <i>European Heart Journal</i> , <b>2019</b> , 40, 621-631	9.5	52
419	The role of global and regional DNA methylation and histone modifications in glycemic traits and type 2 diabetes: A systematic review. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2016</b> , 26, 553-566	4.5	51
418	Discovery and refinement of genetic loci associated with cardiometabolic risk using dense imputation maps. <i>Nature Genetics</i> , <b>2016</b> , 48, 1303-1312	36.3	51
417	Genome-Wide Association Transethnic Meta-Analyses Identifies Novel Associations Regulating Coagulation Factor VIII and von Willebrand Factor Plasma Levels. <i>Circulation</i> , <b>2019</b> , 139, 620-635	16.7	51
416	Genetic loci associated with heart rate variability and their effects on cardiac disease risk. <i>Nature Communications</i> , <b>2017</b> , 8, 15805	17.4	50
415	Age- and sex-specific causal effects of adiposity on cardiovascular risk factors. <i>Diabetes</i> , <b>2015</b> , 64, 1841-529	529	50
414	WHO guidelines for a healthy diet and mortality from cardiovascular disease in European and American elderly: the CHANCES project. <i>American Journal of Clinical Nutrition</i> , <b>2015</b> , 102, 745-56	7	50
413	Adherence to the WCRF/AICR Dietary Recommendations for Cancer Prevention and Risk of Cancer in Elderly from Europe and the United States: A Meta-Analysis within the CHANCES Project. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2017</b> , 26, 136-144	4	50

412	Thyroid Function Within the Reference Range and the Risk of Stroke: An Individual Participant Data Analysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 4270-4282	5.6	50
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410	Thyroid Function and the Risk of Atherosclerotic Cardiovascular Morbidity and Mortality: The Rotterdam Study. <i>Circulation Research</i> , <b>2017</b> , 121, 1392-1400	15.7	49
409	Tobacco smoking is associated with methylation of genes related to coronary artery disease. <i>Clinical Epigenetics</i> , <b>2015</b> , 7, 54	7.7	49
408	Sarcopenia in COPD: a systematic review and meta-analysis. <i>European Respiratory Review</i> , <b>2019</b> , 28,	9.8	49
407	Association of Coronary Artery Calcium Score vs Age With Cardiovascular Risk in Older Adults: An Analysis of Pooled Population-Based Studies. <i>JAMA Cardiology</i> , <b>2017</b> , 2, 986-994	16.2	49
406	Health in middle-aged and elderly women: A conceptual framework for healthy menopause. <i>Maturitas</i> , <b>2015</b> , 81, 93-8	5	48
405	The association between serum uric acid and the incidence of prediabetes and type 2 diabetes mellitus: The Rotterdam Study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0179482	3.7	48
404	Coffee and herbal tea consumption is associated with lower liver stiffness in the general population: The Rotterdam study. <i>Journal of Hepatology</i> , <b>2017</b> , 67, 339-348	13.4	47
403	Androgen levels in women with various forms of ovarian dysfunction: associations with cardiometabolic features. <i>Human Reproduction</i> , <b>2015</b> , 30, 2376-86	5.7	47
402	The Association between Metabolic Syndrome, Bone Mineral Density, Hip Bone Geometry and Fracture Risk: The Rotterdam Study. <i>PLoS ONE</i> , <b>2015</b> , 10, e0129116	3.7	47
401	Impact of physical activity on the association of overweight and obesity with cardiovascular disease: The Rotterdam Study. <i>European Journal of Preventive Cardiology</i> , <b>2017</b> , 24, 934-941	3.9	46
400	Health issues for menopausal women: the top 11 conditions have common solutions. <i>Maturitas</i> , <b>2015</b> , 80, 24-30	5	46
399	Sleep characteristics across the lifespan in 1.1 million people from the Netherlands, United Kingdom and United States: a systematic review and meta-analysis. <i>Nature Human Behaviour</i> , <b>2021</b> , 5, 113-122	12.8	46
398	Genetic Variations in MicroRNA-Binding Sites Affect MicroRNA-Mediated Regulation of Several Genes Associated With Cardio-metabolic Phenotypes. <i>Circulation: Cardiovascular Genetics</i> , <b>2015</b> , 8, 473-86		45
397	Trans-ethnic meta-analysis of white blood cell phenotypes. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 6944-605.6		45
396	Epidemiology and impact of chronic bronchitis in chronic obstructive pulmonary disease. <i>European Respiratory Journal</i> , <b>2017</b> , 50,	13.6	45
395	Rare and low-frequency variants and their association with plasma levels of fibrinogen, FVII, FVIII, and vWF. <i>Blood</i> , <b>2015</b> , 126, e19-29	2.2	45

394	Metabolic syndrome is related to polyneuropathy and impaired peripheral nerve function: a prospective population-based cohort study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2016</b> , 87, 1336-1342	5.5	45
393	Cardiovascular Risk in Women With Premature Ovarian Insufficiency Compared to Premenopausal Women at Middle Age. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 3306-15	5.6	44
392	Mediterranean Diet and Incidence of Advanced Age-Related Macular Degeneration: The EYE-RISK Consortium. <i>Ophthalmology</i> , <b>2019</b> , 126, 381-390	7.3	44
391	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , <b>2019</b> , 10, 4130	17.4	43
390	Dealing with missing covariates in epidemiologic studies: a comparison between multiple imputation and a full Bayesian approach. <i>Statistics in Medicine</i> , <b>2016</b> , 35, 2955-74	2.3	43
389	Diet-dependent acid load and type 2 diabetes: pooled results from three prospective cohort studies. <i>Diabetologia</i> , <b>2017</b> , 60, 270-279	10.3	43
388	Sexual Activity and Physical Tenderness in Older Adults: Cross-Sectional Prevalence and Associated Characteristics. <i>Journal of Sexual Medicine</i> , <b>2017</b> , 14, 918-927	1.1	42
387	Vitamin D and C-Reactive Protein: A Mendelian Randomization Study. <i>PLoS ONE</i> , <b>2015</b> , 10, e0131740	3.7	42
386	Vasomotor symptoms in women and cardiovascular risk markers: Systematic review and meta-analysis. <i>Maturitas</i> , <b>2015</b> , 81, 353-61	5	41
385	The development of a diet quality score for preschool children and its validation and determinants in the Generation R Study. <i>Journal of Nutrition</i> , <b>2015</b> , 145, 306-14	4.1	41
384	Prevalence of Pulmonary Hypertension in the General Population: The Rotterdam Study. <i>PLoS ONE</i> , <b>2015</b> , 10, e0130072	3.7	41
383	An Epigenome-Wide Association Study of Obesity-Related Traits. <i>American Journal of Epidemiology</i> , <b>2018</b> , 187, 1662-1669	3.8	41
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378	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , <b>2019</b> , 188, 1033-1054	3.8	39
377	Epicardial fat volume is related to atherosclerotic calcification in multiple vessel beds. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2015</b> , 16, 1264-9	4.1	39

376	Bidirectional associations between fussy eating and functional constipation in preschool children. <i>Journal of Pediatrics</i> , <b>2015</b> , 166, 91-6	3.6	39
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373	Longitudinal association between preschool fussy eating and body composition at 6 years of age: The Generation R Study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2015</b> , 12, 153	8.4	39
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358	Assessing risk prediction models using individual participant data from multiple studies. <i>American Journal of Epidemiology</i> , <b>2014</b> , 179, 621-32	3.8	36
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342	Relation between wall shear stress and carotid artery wall thickening MRI versus CFD. <i>Journal of Biomechanics</i> , <b>2016</b> , 49, 735-741	2.9	33
341	Tobacco smoking is associated with DNA methylation of diabetes susceptibility genes. <i>Diabetologia</i> , <b>2016</b> , 59, 998-1006	10.3	33



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335	Associations of healthy lifestyle and socioeconomic status with mortality and incident cardiovascular disease: two prospective cohort studies. <i>BMJ, The</i> , <b>2021</b> , 373, n604	5.9	32
334	Serum Levels of Apolipoproteins and Incident Type 2 Diabetes: A Prospective Cohort Study. <i>Diabetes Care</i> , <b>2017</b> , 40, 346-351	14.6	31
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332	Fetal sex and maternal pregnancy outcomes: a systematic review and meta-analysis. <i>Biology of Sex Differences</i> , <b>2020</b> , 11, 26	9.3	31
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