

Rob M Van Dam

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.

379 papers	35,012 citations	101 h-index	179 g-index
412 ext. papers	41,105 ext. citations	8.3 avg, IF	7.14 L-index

#	Paper	IF	Citations
379	Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. <i>Nature Genetics</i> , 2012 , 44, 981-90	36.3	1482
378	Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. <i>Nature Genetics</i> , 2010 , 42, 579-89	36.3	1449
377	Systematic review of type 1 and type 2 diabetes mellitus and risk of fracture. <i>American Journal of Epidemiology</i> , 2007 , 166, 495-505	3.8	836
376	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. <i>Nature Genetics</i> , 2014 , 46, 234-44	36.3	784
375	Intensive insulin therapy and mortality among critically ill patients: a meta-analysis including NICE-SUGAR study data. <i>Cmaj</i> , 2009 , 180, 821-7	3.5	749
374	Adiponectin levels and risk of type 2 diabetes: a systematic review and meta-analysis. <i>JAMA - Journal of the American Medical Association</i> , 2009 , 302, 179-88	27.4	715
373	Vitamin D and calcium intake in relation to type 2 diabetes in women. <i>Diabetes Care</i> , 2006 , 29, 650-6	14.6	570
372	Diet and risk of Type II diabetes: the role of types of fat and carbohydrate. <i>Diabetologia</i> , 2001 , 44, 805-17	10.3	570
371	Dietary patterns and risk for type 2 diabetes mellitus in U.S. men. <i>Annals of Internal Medicine</i> , 2002 , 136, 201-9	8	565
370	Abdominal obesity and the risk of all-cause, cardiovascular, and cancer mortality: sixteen years of follow-up in US women. <i>Circulation</i> , 2008 , 117, 1658-67	16.7	547
369	Adiposity in relation to vitamin D status and parathyroid hormone levels: a population-based study in older men and women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 4119-23	5.6	518
368	Physical activity of moderate intensity and risk of type 2 diabetes: a systematic review. <i>Diabetes Care</i> , 2007 , 30, 744-52	14.6	509
367	Whole grain, bran, and germ intake and risk of type 2 diabetes: a prospective cohort study and systematic review. <i>PLoS Medicine</i> , 2007 , 4, e261	11.6	496
366	Coffee consumption and risk of type 2 diabetes: a systematic review. <i>JAMA - Journal of the American Medical Association</i> , 2005 , 294, 97-104	27.4	487
365	Dietary fat and meat intake in relation to risk of type 2 diabetes in men. <i>Diabetes Care</i> , 2002 , 25, 417-24	14.6	453
364	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. <i>Diabetes</i> , 2017 , 66, 2888-902	29.02	414
363	What aspects of body fat are particularly hazardous and how do we measure them?. <i>International Journal of Epidemiology</i> , 2006 , 35, 83-92	7.8	405

362	Dietary patterns and risk of mortality from cardiovascular disease, cancer, and all causes in a prospective cohort of women. <i>Circulation</i> , 2008 , 118, 230-7	16.7	383
361	Association of overweight with increased risk of coronary heart disease partly independent of blood pressure and cholesterol levels: a meta-analysis of 21 cohort studies including more than 300 000 persons. <i>Archives of Internal Medicine</i> , 2007 , 167, 1720-8		382
360	Thirty new loci for age at menarche identified by a meta-analysis of genome-wide association studies. <i>Nature Genetics</i> , 2010 , 42, 1077-85	36.3	372
359	Dietary flavonoid intakes and risk of type 2 diabetes in US men and women. <i>American Journal of Clinical Nutrition</i> , 2012 , 95, 925-33	7	362
358	Income inequality, mortality, and self rated health: meta-analysis of multilevel studies. <i>BMJ, The</i> , 2009 , 339, b4471	5.9	361
357	Long-term effectiveness of diet-plus-exercise interventions vs. diet-only interventions for weight loss: a meta-analysis. <i>Obesity Reviews</i> , 2009 , 10, 313-23	10.6	352
356	Caffeinated and decaffeinated coffee consumption and risk of type 2 diabetes: a systematic review and a dose-response meta-analysis. <i>Diabetes Care</i> , 2014 , 37, 569-86	14.6	345
355	Long-term coffee consumption and risk of cardiovascular disease: a systematic review and a dose-response meta-analysis of prospective cohort studies. <i>Circulation</i> , 2014 , 129, 643-59	16.7	340
354	Coffee consumption and risk of type 2 diabetes mellitus. <i>Lancet, The</i> , 2002 , 360, 1477-8	40	331
353	Novel loci for adiponectin levels and their influence on type 2 diabetes and metabolic traits: a multi-ethnic meta-analysis of 45,891 individuals. <i>PLoS Genetics</i> , 2012 , 8, e1002607	6	326
352	Comparison of self-reported and measured BMI as correlates of disease markers in US adults. <i>Obesity</i> , 2007 , 15, 188-96	8	325
351	Combined impact of lifestyle factors on mortality: prospective cohort study in US women. <i>BMJ, The</i> , 2008 , 337, a1440	5.9	318
350	Fruit consumption and risk of type 2 diabetes: results from three prospective longitudinal cohort studies. <i>BMJ, The</i> , 2013 , 347, f5001	5.9	299
349	White rice, brown rice, and risk of type 2 diabetes in US men and women. <i>Archives of Internal Medicine</i> , 2010 , 170, 961-9		298
348	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. <i>Nature Genetics</i> , 2015 , 47, 1415-25	36.3	292
347	Genome-wide association identifies nine common variants associated with fasting proinsulin levels and provides new insights into the pathophysiology of type 2 diabetes. <i>Diabetes</i> , 2011 , 60, 2624-34	0.9	285
346	Frequency of the WHO metabolic syndrome in European cohorts, and an alternative definition of an insulin resistance syndrome. <i>Diabetes and Metabolism</i> , 2002 , 28, 364-76	5.4	270
345	Physical activity before and during pregnancy and risk of gestational diabetes mellitus: a meta-analysis. <i>Diabetes Care</i> , 2011 , 34, 223-9	14.6	255

344	Bidirectional association between depression and type 2 diabetes mellitus in women. <i>Archives of Internal Medicine</i> , 2010 , 170, 1884-91		254
343	Maternal plasma 25-hydroxyvitamin D concentrations and the risk for gestational diabetes mellitus. <i>PLoS ONE</i> , 2008 , 3, e3753	3.7	244
342	Meta-analyses identify 13 loci associated with age at menopause and highlight DNA repair and immune pathways. <i>Nature Genetics</i> , 2012 , 44, 260-8	36.3	243
341	EB Polyunsaturated Fatty Acid Biomarkers and Coronary Heart Disease: Pooling Project of 19 Cohort Studies. <i>JAMA Internal Medicine</i> , 2016 , 176, 1155-66	11.5	238
340	Trans-ancestry genome-wide association study identifies 12 genetic loci influencing blood pressure and implicates a role for DNA methylation. <i>Nature Genetics</i> , 2015 , 47, 1282-1293	36.3	223
339	Impact of common genetic determinants of Hemoglobin A1c on type 2 diabetes risk and diagnosis in ancestrally diverse populations: A transethnic genome-wide meta-analysis. <i>PLoS Medicine</i> , 2017 , 14, e1002383	11.6	223
338	Vitamin D status in relation to one-year risk of recurrent falling in older men and women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 2980-5	5.6	223
337	Low-carbohydrate diets and all-cause and cause-specific mortality: two cohort studies. <i>Annals of Internal Medicine</i> , 2010 , 153, 289-98	8	220
336	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019 , 51, 957-972	36.3	217
335	Acute effects of decaffeinated coffee and the major coffee components chlorogenic acid and trigonelline on glucose tolerance. <i>Diabetes Care</i> , 2009 , 32, 1023-5	14.6	211
334	Coffee, caffeine, and risk of type 2 diabetes: a prospective cohort study in younger and middle-aged U.S. women. <i>Diabetes Care</i> , 2006 , 29, 398-403	14.6	204
333	Whole-grain, bran, and cereal fiber intakes and markers of systemic inflammation in diabetic women. <i>Diabetes Care</i> , 2006 , 29, 207-11	14.6	194
332	Eating patterns and type 2 diabetes risk in men: breakfast omission, eating frequency, and snacking. <i>American Journal of Clinical Nutrition</i> , 2012 , 95, 1182-9	7	190
331	Coffee consumption and markers of inflammation and endothelial dysfunction in healthy and diabetic women. <i>American Journal of Clinical Nutrition</i> , 2006 , 84, 888-93	7	189
330	Vitamin D status and parathyroid hormone levels in relation to blood pressure: a population-based study in older men and women. <i>Journal of Internal Medicine</i> , 2007 , 261, 558-65	10.8	184
329	Variant of transcription factor 7-like 2 (TCF7L2) gene and the risk of type 2 diabetes in large cohorts of U.S. women and men. <i>Diabetes</i> , 2006 , 55, 2645-8	0.9	177
328	Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. <i>Molecular Psychiatry</i> , 2015 , 20, 647-656	15.1	167
327	Dietary calcium and magnesium, major food sources, and risk of type 2 diabetes in U.S. black women. <i>Diabetes Care</i> , 2006 , 29, 2238-43	14.6	165

326	Genetic variants at 2q24 are associated with susceptibility to type 2 diabetes. <i>Human Molecular Genetics</i> , 2010 , 19, 2706-15	5.6	164
325	Dietary flavonoids and the development of type 2 diabetes and cardiovascular diseases: review of recent findings. <i>Current Opinion in Lipidology</i> , 2013 , 24, 25-33	4.4	163
324	Dietary glycemic index in relation to metabolic risk factors and incidence of coronary heart disease: the Zutphen Elderly Study. <i>European Journal of Clinical Nutrition</i> , 2000 , 54, 726-31	5.2	160
323	A prospective study of breakfast consumption and weight gain among U.S. men. <i>Obesity</i> , 2007 , 15, 2463-9	5.2	159
322	Genome-wide meta-analysis identifies regions on 7p21 (AHR) and 15q24 (CYP1A2) as determinants of habitual caffeine consumption. <i>PLoS Genetics</i> , 2011 , 7, e1002033	6	158
321	Coffee consumption and coronary heart disease in men and women: a prospective cohort study. <i>Circulation</i> , 2006 , 113, 2045-53	16.7	152
320	Meta-analysis of genome-wide association studies in African Americans provides insights into the genetic architecture of type 2 diabetes. <i>PLoS Genetics</i> , 2014 , 10, e1004517	6	151
319	Vitamin D and mortality in older men and women. <i>Clinical Endocrinology</i> , 2009 , 71, 666-72	3.4	151
318	Total and high-molecular-weight adiponectin and resistin in relation to the risk for type 2 diabetes in women. <i>Annals of Internal Medicine</i> , 2008 , 149, 307-16	8	149
317	Carbohydrate intake and obesity. <i>European Journal of Clinical Nutrition</i> , 2007 , 61 Suppl 1, S75-99	5.2	149
316	Patterns of food consumption and risk factors for cardiovascular disease in the general Dutch population. <i>American Journal of Clinical Nutrition</i> , 2003 , 77, 1156-63	7	149
315	Whole-grain, cereal fiber, bran, and germ intake and the risks of all-cause and cardiovascular disease-specific mortality among women with type 2 diabetes mellitus. <i>Circulation</i> , 2010 , 121, 2162-8	16.7	148
314	Abdominal aortic aneurysm is associated with a variant in low-density lipoprotein receptor-related protein 1. <i>American Journal of Human Genetics</i> , 2011 , 89, 619-27	11	145
313	Changes in caffeine intake and long-term weight change in men and women. <i>American Journal of Clinical Nutrition</i> , 2006 , 83, 674-80	7	144
312	Breast Cancer Risk Genes - Association Analysis in More than 113,000 Women. <i>New England Journal of Medicine</i> , 2021 , 384, 428-439	59.2	143
311	Caffeinated and caffeine-free beverages and risk of type 2 diabetes. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 155-66	7	142
310	FAO/WHO scientific update on carbohydrates in human nutrition: conclusions. <i>European Journal of Clinical Nutrition</i> , 2007 , 61 Suppl 1, S132-7	5.2	141
309	A genome-wide association search for type 2 diabetes genes in African Americans. <i>PLoS ONE</i> , 2012 , 7, e29202	3.7	138

308	Association of Coffee Consumption With Total and Cause-Specific Mortality in 3 Large Prospective Cohorts. <i>Circulation</i> , 2015 , 132, 2305-15	16.7	135
307	Genetic variants in ABO blood group region, plasma soluble E-selectin levels and risk of type 2 diabetes. <i>Human Molecular Genetics</i> , 2010 , 19, 1856-62	5.6	131
306	Comparison of dual-energy x-ray absorptiometric and anthropometric measures of adiposity in relation to adiposity-related biologic factors. <i>American Journal of Epidemiology</i> , 2010 , 172, 1442-54	3.8	131
305	Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. <i>Nature</i> , 2019 , 570, 71-76	50.4	129
304	Magnesium intake and plasma concentrations of markers of systemic inflammation and endothelial dysfunction in women. <i>American Journal of Clinical Nutrition</i> , 2007 , 85, 1068-74	7	129
303	The relationship of coffee consumption with mortality. <i>Annals of Internal Medicine</i> , 2008 , 148, 904-14	8	128
302	A prospective study of overall diet quality and risk of type 2 diabetes in women. <i>Diabetes Care</i> , 2007 , 30, 1753-7	14.6	127
301	The Gene, Environment Association Studies consortium (GENEVA): maximizing the knowledge obtained from GWAS by collaboration across studies of multiple conditions. <i>Genetic Epidemiology</i> , 2010 , 34, 364-72	2.6	126
300	Prospective study of zinc intake and risk of type 2 diabetes in women. <i>Diabetes Care</i> , 2009 , 32, 629-34	14.6	124
299	Association between dietary whole grain intake and risk of mortality: two large prospective studies in US men and women. <i>JAMA Internal Medicine</i> , 2015 , 175, 373-84	11.5	123
298	Fat mass-and obesity-associated (FTO) gene variant is associated with obesity: longitudinal analyses in two cohort studies and functional test. <i>Diabetes</i> , 2008 , 57, 3145-51	0.9	123
297	Increased mortality risk in women with depression and diabetes mellitus. <i>Archives of General Psychiatry</i> , 2011 , 68, 42-50		122
296	Refined grain consumption and the metabolic syndrome in urban Asian Indians (Chennai Urban Rural Epidemiology Study 57). <i>Metabolism: Clinical and Experimental</i> , 2009 , 58, 675-81	12.7	122
295	Coffee consumption is associated with higher plasma adiponectin concentrations in women with or without type 2 diabetes: a prospective cohort study. <i>Diabetes Care</i> , 2008 , 31, 504-7	14.6	121
294	Risk factors for basal cell carcinoma of the skin in men: results from the health professionals follow-up study. <i>American Journal of Epidemiology</i> , 1999 , 150, 459-68	3.8	119
293	Biomarkers of Dietary Omega-6 Fatty Acids and Incident Cardiovascular Disease and Mortality. <i>Circulation</i> , 2019 , 139, 2422-2436	16.7	118
292	New loci and coding variants confer risk for age-related macular degeneration in East Asians. <i>Nature Communications</i> , 2015 , 6, 6063	17.4	118
291	Effects of caffeinated and decaffeinated coffee on biological risk factors for type 2 diabetes: a randomized controlled trial. <i>Nutrition Journal</i> , 2011 , 10, 93	4.3	117

290	The relationship between overweight in adolescence and premature death in women. <i>Annals of Internal Medicine</i> , 2006 , 145, 91-7	8	114
289	Genetic predisposition, Western dietary pattern, and the risk of type 2 diabetes in men. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 1453-8	7	113
288	Is higher dairy consumption associated with lower body weight and fewer metabolic disturbances? The Hoorn Study. <i>American Journal of Clinical Nutrition</i> , 2007 , 85, 989-95	7	113
287	Coffee consumption and risk of stroke in women. <i>Circulation</i> , 2009 , 119, 1116-23	16.7	112
286	Overweight in early adulthood, adult weight change, and risk of type 2 diabetes, cardiovascular diseases, and certain cancers in men: a cohort study. <i>American Journal of Epidemiology</i> , 2014 , 179, 1353-65	2.8	111
285	Coffee consumption and risk of type 2 diabetes, cardiovascular diseases, and cancer. <i>Applied Physiology, Nutrition and Metabolism</i> , 2008 , 33, 1269-83	3	110
284	Eating patterns and type 2 diabetes risk in older women: breakfast consumption and eating frequency. <i>American Journal of Clinical Nutrition</i> , 2013 , 98, 436-43	7	107
283	Diet and basal cell carcinoma of the skin in a prospective cohort of men. <i>American Journal of Clinical Nutrition</i> , 2000 , 71, 135-41	7	107
282	Coffee consumption and incidence of impaired fasting glucose, impaired glucose tolerance, and type 2 diabetes: the Hoorn Study. <i>Diabetologia</i> , 2004 , 47, 2152-9	10.3	104
281	Genome-wide analysis of BMI in adolescents and young adults reveals additional insight into the effects of genetic loci over the life course. <i>Human Molecular Genetics</i> , 2013 , 22, 3597-607	5.6	103
280	Potentially modifiable determinants of vitamin D status in an older population in the Netherlands: the Hoorn Study. <i>American Journal of Clinical Nutrition</i> , 2007 , 85, 755-61	7	103
279	Prospective study of dietary energy density and weight gain in women. <i>American Journal of Clinical Nutrition</i> , 2008 , 88, 769-77	7	102
278	Coffee consumption and prostate cancer risk and progression in the Health Professionals Follow-up Study. <i>Journal of the National Cancer Institute</i> , 2011 , 103, 876-84	9.7	100
277	Coffee and type 2 diabetes: from beans to beta-cells. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2006 , 16, 69-77	4.5	99
276	Coffee, tea, caffeine and risk of breast cancer: a 22-year follow-up. <i>International Journal of Cancer</i> , 2008 , 122, 2071-6	7.5	96
275	Effect of fenugreek (<i>Trigonella foenum-graecum</i> L.) intake on glycemia: a meta-analysis of clinical trials. <i>Nutrition Journal</i> , 2014 , 13, 7	4.3	93
274	Association analyses of East Asian individuals and trans-ancestry analyses with European individuals reveal new loci associated with cholesterol and triglyceride levels. <i>Human Molecular Genetics</i> , 2017 , 26, 1770-1784	5.6	90
273	Identification of type 2 diabetes loci in 433,540 East Asian individuals. <i>Nature</i> , 2020 , 582, 240-245	50.4	89

272	Genetic variation in IL6 gene and type 2 diabetes: tagging-SNP haplotype analysis in large-scale case-control study and meta-analysis. <i>Human Molecular Genetics</i> , 2006 , 15, 1914-20	5.6	85
271	Relationships of maternal folate and vitamin B12 status during pregnancy with perinatal depression: The GUSTO study. <i>Journal of Psychiatric Research</i> , 2014 , 55, 110-6	5.2	84
270	Interleukin-6 genetic variability and adiposity: associations in two prospective cohorts and systematic review in 26,944 individuals. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 3618-23	5.6	83
269	A genome-wide association study of early menopause and the combined impact of identified variants. <i>Human Molecular Genetics</i> , 2013 , 22, 1465-72	5.6	82
268	Gut Microbiota Metabolites of Dietary Lignans and Risk of Type 2 Diabetes: A Prospective Investigation in Two Cohorts of U.S. Women. <i>Diabetes Care</i> 2014;37:1287-95. <i>Diabetes Care</i> , 2014 , 37, 3356.1-3356	14.6	78
267	Selected dietary flavonoids are associated with markers of inflammation and endothelial dysfunction in U.S. women. <i>Journal of Nutrition</i> , 2011 , 141, 618-25	4.1	78
266	Heme iron from diet as a risk factor for coronary heart disease in women with type 2 diabetes. <i>Diabetes Care</i> , 2007 , 30, 101-6	14.6	78
265	Palm Oil Consumption Increases LDL Cholesterol Compared with Vegetable Oils Low in Saturated Fat in a Meta-Analysis of Clinical Trials. <i>Journal of Nutrition</i> , 2015 , 145, 1549-58	4.1	77
264	A prospective study of dairy consumption in relation to changes in metabolic risk factors: the Hoorn Study. <i>Obesity</i> , 2008 , 16, 706-9	8	77
263	Ethnicity modifies the relationships of insulin resistance, inflammation, and adiponectin with obesity in a multiethnic Asian population. <i>Diabetes Care</i> , 2011 , 34, 1120-6	14.6	76
262	Maternal caffeine intake during pregnancy is associated with risk of low birth weight: a systematic review and dose-response meta-analysis. <i>BMC Medicine</i> , 2014 , 12, 174	11.4	74
261	Cultural and social influences on food consumption in dutch residents of Turkish and moroccan origin: a qualitative study. <i>Journal of Nutrition Education and Behavior</i> , 2009 , 41, 232-41	2	74
260	Gut microbiota metabolites of dietary lignans and risk of type 2 diabetes: a prospective investigation in two cohorts of U.S. women. <i>Diabetes Care</i> , 2014 , 37, 1287-95	14.6	73
259	Income inequality and health: the role of population size, inequality threshold, period effects and lag effects. <i>Journal of Epidemiology and Community Health</i> , 2012 , 66, e11	5.1	72
258	A Genome-Wide Association Study of Diabetic Kidney Disease in Subjects With Type 2 Diabetes. <i>Diabetes</i> , 2018 , 67, 1414-1427	0.9	71
257	Association of modified NUTRIC score with 28-day mortality in critically ill patients. <i>Clinical Nutrition</i> , 2017 , 36, 1143-1148	5.9	71
256	New approaches to the study of dietary patterns. <i>British Journal of Nutrition</i> , 2005 , 93, 573-4	3.6	71
255	Evidence of a causal relationship between adiponectin levels and insulin sensitivity: a Mendelian randomization study. <i>Diabetes</i> , 2013 , 62, 1338-44	0.9	70

254	Obesity susceptibility loci and uncontrolled eating, emotional eating and cognitive restraint behaviors in men and women. <i>Obesity</i> , 2014 , 22, E135-41	8	70
253	Coffee, Caffeine, and Health. <i>New England Journal of Medicine</i> , 2020 , 383, 369-378	59.2	70
252	Adolescent dairy product consumption and risk of type 2 diabetes in middle-aged women. <i>American Journal of Clinical Nutrition</i> , 2011 , 94, 854-61	7	69
251	Common variants in the ATP-sensitive K ⁺ channel genes KCNJ11 (Kir6.2) and ABCC8 (SUR1) in relation to glucose intolerance: population-based studies and meta-analyses. <i>Diabetic Medicine</i> , 2005 , 22, 590-8	3.5	68
250	Tumor-derived circulating endothelial cell clusters in colorectal cancer. <i>Science Translational Medicine</i> , 2016 , 8, 345ra89	17.5	67
249	Leptin and soluble leptin receptor levels in plasma and risk of type 2 diabetes in U.S. women: a prospective study. <i>Diabetes</i> , 2010 , 59, 611-8	0.9	67
248	The epidemiology of lifestyle and risk for type 2 diabetes. <i>European Journal of Epidemiology</i> , 2003 , 18, 1115-25	12.1	65
247	Genome-wide association study identifies polymorphisms in LEPR as determinants of plasma soluble leptin receptor levels. <i>Human Molecular Genetics</i> , 2010 , 19, 1846-55	5.6	63
246	Genome-wide association study identifies variants at the IL18-BCO2 locus associated with interleukin-18 levels. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 885-90	9.4	62
245	Chronotype: Implications for Epidemiologic Studies on Chrono-Nutrition and Cardiometabolic Health. <i>Advances in Nutrition</i> , 2019 , 10, 30-42	10	60
244	Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. <i>Nature Genetics</i> , 2019 , 51, 636-648	36.3	59
243	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> , 2018 , 102, 375-400	11	59
242	Acute effects of decaffeinated coffee and the major coffee components chlorogenic acid and trigonelline on incretin hormones. <i>Nutrition and Metabolism</i> , 2011 , 8, 10	4.6	59
241	Effects of coffee consumption on fasting blood glucose and insulin concentrations: randomized controlled trials in healthy volunteers. <i>Diabetes Care</i> , 2004 , 27, 2990-2	14.6	59
240	Singapore Healthy Older People Everyday (HOPE) Study: Prevalence of Frailty and Associated Factors in Older Adults. <i>Journal of the American Medical Directors Association</i> , 2017 , 18, 734.e9-734.e14	5.9	58
239	Mechanical compression versus subcutaneous heparin therapy in postoperative and posttrauma patients: a systematic review and meta-analysis. <i>World Journal of Surgery</i> , 2010 , 34, 10-9	3.3	58
238	Maternal Dietary Patterns and Birth Outcomes: A Systematic Review and Meta-Analysis. <i>Advances in Nutrition</i> , 2019 , 10, 685-695	10	57
237	Coffee consumption and risk of cardiovascular events and all-cause mortality among women with type 2 diabetes. <i>Diabetologia</i> , 2009 , 52, 810-7	10.3	56

236	Dietary patterns during adolescence and risk of type 2 diabetes in middle-aged women. <i>Diabetes Care</i> , 2012 , 35, 12-8	14.6	55
235	A meta-analysis of genome-wide association studies for adiponectin levels in East Asians identifies a novel locus near WDR11-FGFR2. <i>Human Molecular Genetics</i> , 2014 , 23, 1108-19	5.6	53
234	Diet-Quality Indexes Are Associated with a Lower Risk of Cardiovascular, Respiratory, and All-Cause Mortality among Chinese Adults. <i>Journal of Nutrition</i> , 2018 , 148, 1323-1332	4.1	52
233	Changes in coffee intake and subsequent risk of type 2 diabetes: three large cohorts of US men and women. <i>Diabetologia</i> , 2014 , 57, 1346-54	10.3	51
232	Dietary changes during pregnancy and the postpartum period in Singaporean Chinese, Malay and Indian women: the GUSTO birth cohort study. <i>Public Health Nutrition</i> , 2014 , 17, 1930-8	3.3	51
231	Coffee and tea consumption in relation to inflammation and basal glucose metabolism in a multi-ethnic Asian population: a cross-sectional study. <i>Nutrition Journal</i> , 2011 , 10, 61	4.3	50
230	Large-scale lipidomics identifies associations between plasma sphingolipids and T2DM incidence. <i>JCI Insight</i> , 2019 , 5,	9.9	49
229	The association of maternal vitamin D status with infant birth outcomes, postnatal growth and adiposity in the first 2 years of life in a multi-ethnic Asian population: the Growing Up in Singapore Towards healthy Outcomes (GUSTO) cohort study. <i>British Journal of Nutrition</i> , 2016 , 116, 621-31	3.6	47
228	Maternal caffeine intake during pregnancy and risk of pregnancy loss: a categorical and dose-response meta-analysis of prospective studies. <i>Public Health Nutrition</i> , 2016 , 19, 1233-44	3.3	47
227	Multiple nonglycemic genomic loci are newly associated with blood level of glycated hemoglobin in East Asians. <i>Diabetes</i> , 2014 , 63, 2551-62	0.9	46
226	A genome-wide association study of bitter and sweet beverage consumption. <i>Human Molecular Genetics</i> , 2019 , 28, 2449-2457	5.6	45
225	Parental history of diabetes modifies the association between abdominal adiposity and hyperglycemia. <i>Diabetes Care</i> , 2001 , 24, 1454-9	14.6	45
224	A vegetable, fruit, and white rice dietary pattern during pregnancy is associated with a lower risk of preterm birth and larger birth size in a multiethnic Asian cohort: the Growing Up in Singapore Towards healthy Outcomes (GUSTO) cohort study. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 1416-1423	7	44
223	Ethnic differences translate to inadequacy of high-risk screening for gestational diabetes mellitus in an Asian population: a cohort study. <i>BMC Pregnancy and Childbirth</i> , 2014 , 14, 345	3.2	44
222	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021 , 53, 840-860	36.3	44
221	Using the Berlin Questionnaire to Predict Obstructive Sleep Apnea in the General Population. <i>Journal of Clinical Sleep Medicine</i> , 2017 , 13, 427-432	3.1	43
220	Coffee consumption and risk of cardiovascular diseases and all-cause mortality among men with type 2 diabetes. <i>Diabetes Care</i> , 2009 , 32, 1043-5	14.6	43
219	Can body fat distribution, adiponectin levels and inflammation explain differences in insulin resistance between ethnic Chinese, Malays and Asian Indians?. <i>International Journal of Obesity</i> , 2012 , 36, 1086-93	5.5	43

218	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019 , 10, 376	17.4	41
217	Serum selenium in relation to measures of glucose metabolism and incidence of Type 2 diabetes in an older Swedish population. <i>Diabetic Medicine</i> , 2014 , 31, 787-93	3.5	41
216	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019 , 10, 4957	17.4	40
215	Prospective associations of appetitive traits at 3 and 12 months of age with body mass index and weight gain in the first 2 years of life. <i>BMC Pediatrics</i> , 2015 , 15, 153	2.6	40
214	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , 2019 , 188, 1033-1054	3.8	39
213	High folate and low vitamin B12 status during pregnancy is associated with gestational diabetes mellitus. <i>Clinical Nutrition</i> , 2018 , 37, 940-947	5.9	39
212	Dietary soy intake is not associated with risk of cardiovascular disease mortality in Singapore Chinese adults. <i>Journal of Nutrition</i> , 2014 , 144, 921-8	4.1	39
211	Role of adiposity and lifestyle in the relationship between family history of diabetes and 20-year incidence of type 2 diabetes in U.S. women. <i>Diabetes Care</i> , 2010 , 33, 763-7	14.6	39
210	Plasma alkylresorcinols, biomarkers of whole-grain wheat and rye intake, and risk of type 2 diabetes in Scandinavian men and women. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 88-96	7	38
209	Television screen time, but not computer use and reading time, is associated with cardio-metabolic biomarkers in a multiethnic Asian population: a cross-sectional study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2013 , 10, 70	8.4	38
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199	Maternal milk consumption, fetal growth, and the risks of neonatal complications: the Generation R Study. <i>American Journal of Clinical Nutrition</i> , 2011 , 94, 501-9	7	37
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196	Genetic variation in CDH13 is associated with lower plasma adiponectin levels but greater adiponectin sensitivity in East Asian populations. <i>Diabetes</i> , 2013 , 62, 4277-83	0.9	36
195	Nut consumption in relation to all-cause and cause-specific mortality: a meta-analysis 18 prospective studies. <i>Food and Function</i> , 2017 , 8, 3893-3905	6.1	36
194	A prospective cohort study of dietary patterns of non-western migrants in the Netherlands in relation to risk factors for cardiovascular diseases: HELIUS-Dietary Patterns. <i>BMC Public Health</i> , 2011 , 11, 441	4.1	36
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185	Associations of maternal macronutrient intake during pregnancy with infant BMI peak characteristics and childhood BMI. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 705-713	7	33
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177	European polygenic risk score for prediction of breast cancer shows similar performance in Asian women. <i>Nature Communications</i> , 2020 , 11, 3833	17.4	3 ¹
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