Nicholas J Wareham

List of Publications by Citations

1,172 papers	125,191 citations	171 h-index	315 g-index
1,240 ext. papers	148,278 ext. citations	10.2 avg, IF	7.54 L-index

#	Paper	IF	Citations
1172	A common variant in the FTO gene is associated with body mass index and predisposes to childhood and adult obesity. *Science*, **2007**, 316, 889-94	33.3	3294
1171	Biological, clinical and population relevance of 95 loci for blood lipids. *Nature*, **2010**, 466, 707-13	50.4	2742
1170	Genetic studies of body mass index yield new insights for obesity biology. *Nature*, **2015**, 518, 197-206	50.4	2687
1169	Congenital leptin deficiency is associated with severe early-onset obesity in humans. *Nature*, **1997**, 387, 903-8	50.4	2309
1168	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. *Nature Genetics*, **2010**, 42, 937-48	36.3	2267
1167	Genome-wide association study identifies novel breast cancer susceptibility loci. *Nature*, **2007**, 447, 1087-93	50.4	1957
1166	Discovery and refinement of loci associated with lipid levels. *Nature Genetics*, **2013**, 45, 1274-1283	36.3	1904
1165	Hundreds of variants clustered in genomic loci and biological pathways affect human height. *Nature*, **2010**, 467, 832-8	50.4	1514
1164	Meta-analysis of genome-wide association data and large-scale replication identifies additional susceptibility loci for type 2 diabetes. *Nature Genetics*, **2008**, 40, 638-45	36.3	1496
1163	Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. *Nature Genetics*, **2012**, 44, 981-90	36.3	1482
1162	Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. *Nature Genetics*, **2010**, 42, 579-89	36.3	1449
1161	Six new loci associated with body mass index highlight a neuronal influence on body weight regulation. *Nature Genetics*, **2009**, 41, 25-34	36.3	1368
1160	Defining the role of common variation in the genomic and biological architecture of adult human height. *Nature Genetics*, **2014**, 46, 1173-86	36.3	1339
1159	Common genetic determinants of vitamin D insufficiency: a genome-wide association study. *Lancet, The*, **2010**, 376, 180-8	40	1183
1158	Large-scale association analysis identifies new risk loci for coronary artery disease. *Nature Genetics*, **2013**, 45, 25-33	36.3	1172
1157	Common variants near MC4R are associated with fat mass, weight and risk of obesity. *Nature Genetics*, **2008**, 40, 768-75	36.3	1048
1156	Genome-wide association study identifies eight loci associated with blood pressure. *Nature Genetics*, **2009**, 41, 666-76	36.3	970

1155	Gene discovery and polygenic prediction from a genome-wide association study of educational attainment in 1.1 million individuals. *Nature Genetics*, **2018**, 50, 1112-1121	36.3	950
1154	New genetic loci link adipose and insulin biology to body fat distribution. *Nature*, **2015**, 518, 187-196	50.4	920
1153	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. *Nature Genetics*, **2014**, 46, 234-44	36.3	784
1152	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. *Nature Genetics*, **2010**, 42, 949-60	36.3	724
1151	Loss-of-function mutations in APOC3, triglycerides, and coronary disease. *New England Journal of Medicine*, **2014**, 371, 22-31	59.2	721
1150	The genetic architecture of type 2 diabetes. *Nature*, **2016**, 536, 41-47	50.4	704
1149	Association of hemoglobin A1c with cardiovascular disease and mortality in adults: the European prospective investigation into cancer in Norfolk. *Annals of Internal Medicine*, **2004**, 141, 413-20	8	693
1148	Fine-mapping type 2 diabetes loci to single-variant resolution using high-density imputation and islet-specific epigenome maps. *Nature Genetics*, **2018**, 50, 1505-1513	36.3	675
1147	Genome-wide association analysis identifies 20 loci that influence adult height. *Nature Genetics*, **2008**, 40, 575-83	36.3	654
1146	Validity and repeatability of a simple index derived from the short physical activity questionnaire used in the European Prospective Investigation into Cancer and Nutrition (EPIC) study. *Public Health Nutrition*, **2003**, 6, 407-13	3.3	623
1145	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. *Nature Genetics*, **2012**, 44, 991-1005	36.3	621
1144	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. *Nature Genetics*, **2012**, 44, 659-69	36.3	615
1143	Common variants associated with plasma triglycerides and risk for coronary artery disease. *Nature Genetics*, **2013**, 45, 1345-52	36.3	597
1142	Endogenous testosterone and mortality due to all causes, cardiovascular disease, and cancer in men: European prospective investigation into cancer in Norfolk (EPIC-Norfolk) Prospective Population Study. *Circulation*, **2007**, 116, 2694-701	16.7	596
1141	Causal relationship between obesity and vitamin D status: bi-directional Mendelian randomization analysis of multiple cohorts. *PLoS Medicine*, **2013**, 10, e1001383	11.6	592
1140	Variants in MTNR1B influence fasting glucose levels. *Nature Genetics*, **2009**, 41, 77-81	36.3	584
1139	Multiancestry genome-wide association study of 520,000 subjects identifies 32 loci associated with stroke and stroke subtypes. *Nature Genetics*, **2018**, 50, 524-537	36.3	536
1138	Risk thresholds for alcohol consumption: combined analysis of individual-participant data for 599 912 current drinkers in 83 prospective studies. *Lancet, The*, **2018**, 391, 1513-1523	40	530

1137	Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge. *Nature Genetics*, **2010**, 42, 142-8	36.3	527
1136	Meta-analysis and imputation refines the association of 15q25 with smoking quantity. *Nature Genetics*, **2010**, 42, 436-40	36.3	521
1135	Application of the Theory of Planned Behaviour in Behaviour Change Interventions: A Systematic Review. *Psychology and Health*, **2002**, 17, 123-158	2.9	518
1134	Combined impact of health behaviours and mortality in men and women: the EPIC-Norfolk prospective population study. *PLoS Medicine*, **2008**, 5, e12	11.6	512
1133	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. *Nature Genetics*, **2013**, 45, 145-54	36.3	505
1132	Reliability and validity of the combined heart rate and movement sensor Actiheart. *European Journal of Clinical Nutrition*, **2005**, 59, 561-70	5.2	485
1131	Serum myeloperoxidase levels are associated with the future risk of coronary artery disease in apparently healthy individuals: the EPIC-Norfolk Prospective Population Study. *Journal of the American College of Cardiology*, **2007**, 50, 159-65	15.1	483
1130	Baseline serum 25-hydroxy vitamin d is predictive of future glycemic status and insulin resistance: the Medical Research Council Ely Prospective Study 1990-2000. *Diabetes*, **2008**, 57, 2619-25	0.9	443
1129	Epigenetic Signatures of Cigarette Smoking. *Circulation: Cardiovascular Genetics*, **2016**, 9, 436-447		442
1128	A family with severe insulin resistance and diabetes due to a mutation in AKT2. *Science*, **2004**, 304, 1325-8	33.3	439
1127	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. *Nature Genetics*, **2013**, 45, 501-12	36.3	437
1126	Relation between plasma ascorbic acid and mortality in men and women in EPIC-Norfolk prospective study: a prospective population study. European Prospective Investigation into Cancer and Nutrition. *Lancet, The*, **2001**, 357, 657-63	40	435
1125	Genome-wide association study identifies five loci associated with lung function. *Nature Genetics*, **2010**, 42, 36-44	36.3	430
1124	Genome-wide association study identifies loci influencing concentrations of liver enzymes in plasma. *Nature Genetics*, **2011**, 43, 1131-8	36.3	415
1123	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. *Diabetes*, **2017**, 66, 2888-2902	0.9	414
1122	Rare and low-frequency coding variants alter human adult height. *Nature*, **2017**, 542, 186-190	50.4	412
1121	HMG-coenzyme A reductase inhibition, type 2 diabetes, and bodyweight: evidence from genetic analysis and randomised trials. *Lancet, The*, **2015**, 385, 351-61	40	409
1120	Associations of type 1 and type 2 diabetes with COVID-19-related mortality in England: a whole-population study. *Lancet Diabetes and Endocrinology,the*, **2020**, 8, 813-822	18.1	407

1119	Association between alcohol and cardiovascular disease: Mendelian randomisation analysis based on individual participant data. *BMJ, The*, **2014**, 349, g4164	5.9	406
1118	Large Scale Population Assessment of Physical Activity Using Wrist Worn Accelerometers: The UK Biobank Study. *PLoS ONE*, **2017**, 12, e0169649	3.7	402
1117	Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. *Nature*, **2014**, 514, 92-97	50.4	401
1116	Features of the metabolic syndrome are associated with objectively measured physical activity and fitness in Danish children: the European Youth Heart Study (EYHS). *Diabetes Care*, **2004**, 27, 2141-8	14.6	399
1115	Genome-wide association scan meta-analysis identifies three Loci influencing adiposity and fat distribution. *PLoS Genetics*, **2009**, 5, e1000508	6	393
1114	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. *Nature Genetics*, **2018**, 50, 1412-1425	36.3	386
1113	Assessment of physical activity in youth. *Journal of Applied Physiology*, **2008**, 105, 977-87	3.7	382
1112	Circulating concentrations of insulin-like growth factor-I and development of glucose intolerance: a prospective observational study. *Lancet, The*, **2002**, 359, 1740-5	40	382
1111	Physical activity attenuates the influence of FTO variants on obesity risk: a meta-analysis of 218,166 adults and 19,268 children. *PLoS Medicine*, **2011**, 8, e1001116	11.6	379
1110	Risk factors for COVID-19-related mortality in people with type 1 and type 2 diabetes in England: a population-based cohort study. *Lancet Diabetes and Endocrinology,the*, **2020**, 8, 823-833	18.1	375
1109	Thirty new loci for age at menarche identified by a meta-analysis of genome-wide association studies. *Nature Genetics*, **2010**, 42, 1077-85	36.3	372
1108	Prediction of acute myeloid leukaemia risk in healthy individuals. *Nature*, **2018**, 559, 400-404	50.4	368
1107	Association of Cardiometabolic Multimorbidity With Mortality. *JAMA - Journal of the American Medical Association*, **2015**, 314, 52-60	27.4	365
1106	Effect of early intensive multifactorial therapy on 5-year cardiovascular outcomes in individuals with type 2 diabetes detected by screening (ADDITION-Europe): a cluster-randomised trial. *Lancet, The*, **2011**, 378, 156-67	40	357
1105	Body fat distribution and risk of coronary heart disease in men and women in the European Prospective Investigation Into Cancer and Nutrition in Norfolk cohort: a population-based prospective study. *Circulation*, **2007**, 116, 2933-43	16.7	352
1104	Variability in the heritability of body mass index: a systematic review and meta-regression. *Frontiers in Endocrinology*, **2012**, 3, 29	5.7	351
1103	Are imprecise methods obscuring a relation between fat and breast cancer?. *Lancet, The*, **2003**, 362, 212-4	40	346
1102	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. *Nature Genetics*, **2011**, 43, 1005-11	36.3	338

1101	Early age at menarche associated with cardiovascular disease and mortality. *Journal of Clinical Endocrinology and Metabolism*, **2009**, 94, 4953-60	5.6	334
1100	Differences in the prospective association between individual plasma phospholipid saturated fatty acids and incident type 2 diabetes: the EPIC-InterAct case-cohort study. *Lancet Diabetes and Endocrinology,the*, **2014**, 2, 810-8	18.1	330
1099	New gene functions in megakaryopoiesis and platelet formation. *Nature*, **2011**, 480, 201-8	50.4	330
1098	Evidence for gene-nutrient interaction at the PPARgamma locus. *Diabetes*, **2001**, 50, 686-9	0.9	328
1097	Novel loci for adiponectin levels and their influence on type 2 diabetes and metabolic traits: a multi-ethnic meta-analysis of 45,891 individuals. *PLoS Genetics*, **2012**, 8, e1002607	6	326
1096	Coding Variation in ANGPTL4, LPL, and SVEP1 and the Risk of Coronary Disease. *New England Journal of Medicine*, **2016**, 374, 1134-44	59.2	325
1095	Validity and repeatability of the EPIC-Norfolk Physical Activity Questionnaire. *International Journal of Epidemiology*, **2002**, 31, 168-74	7.8	324
1094	Genetic variants influencing circulating lipid levels and risk of coronary artery disease. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2010**, 30, 2264-76	9.4	318
1093	Branched equation modeling of simultaneous accelerometry and heart rate monitoring improves estimate of directly measured physical activity energy expenditure. *Journal of Applied Physiology*, **2004**, 96, 343-51	3.7	317
1092	Common variants at 10 genomic loci influence hemoglobin A(1C) levels via glycemic and nonglycemic pathways. *Diabetes*, **2010**, 59, 3229-39	0.9	314
1091	Genome-wide association and large-scale follow up identifies 16 new loci influencing lung function. *Nature Genetics*, **2011**, 43, 1082-90	36.3	313
1090	Integrative genomic analysis implicates limited peripheral adipose storage capacity in the pathogenesis of human insulin resistance. *Nature Genetics*, **2017**, 49, 17-26	36.3	312
1089	Exome-wide association study of plasma lipids in >300,000 individuals. *Nature Genetics*, **2017**, 49, 1758-1766	36.3	310
1088	FTO genotype is associated with phenotypic variability of body mass index. *Nature*, **2012**, 490, 267-72	50.4	304
1087	Association of HDL cholesterol efflux capacity with incident coronary heart disease events: a prospective case-control study. *Lancet Diabetes and Endocrinology,the*, **2015**, 3, 507-13	18.1	300
1086	Criterion-related validity of the last 7-day, short form of the International Physical Activity Questionnaire in Swedish adults. *Public Health Nutrition*, **2006**, 9, 258-65	3.3	300
1085	Common variants in WFS1 confer risk of type 2 diabetes. *Nature Genetics*, **2007**, 39, 951-3	36.3	296
1084	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. *Nature Genetics*, **2015**, 47, 1415-25	36.3	292

1083	LDL-cholesterol concentrations: a genome-wide association study. *Lancet, The*, **2008**, 371, 483-91	40	292
1082	Genome-wide association identifies nine common variants associated with fasting proinsulin levels and provides new insights into the pathophysiology of type 2 diabetes. *Diabetes*, **2011**, 60, 2624-34	0.9	285
1081	Rare MTNR1B variants impairing melatonin receptor 1B function contribute to type 2 diabetes. *Nature Genetics*, **2012**, 44, 297-301	36.3	279
1080	Nutritional methods in the European Prospective Investigation of Cancer in Norfolk. *Public Health Nutrition*, **2001**, 4, 847-58	3.3	279
1079	Sex-stratified genome-wide association studies including 270,000 individuals show sexual dimorphism in genetic loci for anthropometric traits. *PLoS Genetics*, **2013**, 9, e1003500	6	277
1078	Genome-wide associations for birth weight and correlations with adult disease. *Nature*, **2016**, 538, 248-252	52.4	266
1077	High-density lipoprotein cholesterol, high-density lipoprotein particle size, and apolipoprotein A-I: significance for cardiovascular risk: the IDEAL and EPIC-Norfolk studies. *Journal of the American College of Cardiology*, **2008**, 51, 634-42	15.1	264
1076	Upward weight percentile crossing in infancy and early childhood independently predicts fat mass in young adults: the Stockholm Weight Development Study (SWEDES). *American Journal of Clinical Nutrition*, **2006**, 83, 324-30	7	260
1075	Autocalibration of accelerometer data for free-living physical activity assessment using local gravity and temperature: an evaluation on four continents. *Journal of Applied Physiology*, **2014**, 117, 738-44	3.7	258
1074	Genetic variation in LIN28B is associated with the timing of puberty. *Nature Genetics*, **2009**, 41, 729-33	36.3	258
1073	Genomic analyses identify hundreds of variants associated with age at menarche and support a role for puberty timing in cancer risk. *Nature Genetics*, **2017**, 49, 834-841	36.3	257
1072	Seventy-five genetic loci influencing the human red blood cell. *Nature*, **2012**, 492, 369-75	50.4	257
1071	Genome-wide association study of blood pressure extremes identifies variant near UMOD associated with hypertension. *PLoS Genetics*, **2010**, 6, e1001177	6	255
1070	Physical activity and obesity prevention: a review of the current evidence. *Proceedings of the Nutrition Society*, **2005**, 64, 229-47	2.9	254
1069	Diabetes risk score: towards earlier detection of type 2 diabetes in general practice. *Diabetes/Metabolism Research and Reviews*, **2000**, 16, 164-71	7.5	253
1068	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. *Nature Genetics*, **2016**, 48, 1171-1184	36.3	251
1067	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. *Nature Genetics*, **2018**, 50, 42-53	36.3	246
1066	Association of weight gain in infancy and early childhood with metabolic risk in young adults. *Journal of Clinical Endocrinology and Metabolism*, **2007**, 92, 98-103	5.6	243

1065	Television viewing and low participation in vigorous recreation are independently associated with obesity and markers of cardiovascular disease risk: EPIC-Norfolk population-based study. *European Journal of Clinical Nutrition*, **2003**, 57, 1089-96	5.2	241
1064	World Health Organization cardiovascular disease risk charts: revised models to estimate risk in 21 global regions. *The Lancet Global Health*, **2019**, 7, e1332-e1345	13.6	239
1063	Dietary polyphenol intake in Europe: the European Prospective Investigation into Cancer and Nutrition (EPIC) study. *European Journal of Nutrition*, **2016**, 55, 1359-75	5.2	238
1062	Genetic variation near IRS1 associates with reduced adiposity and an impaired metabolic profile. *Nature Genetics*, **2011**, 43, 753-60	36.3	237
1061	Impact of type 2 diabetes susceptibility variants on quantitative glycemic traits reveals mechanistic heterogeneity. *Diabetes*, **2014**, 63, 2158-71	0.9	235
1060	New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. *Nature Genetics*, **2013**, 45, 76-82	36.3	232
1059	Effect modification by population dietary folate on the association between MTHFR genotype, homocysteine, and stroke risk: a meta-analysis of genetic studies and randomised trials. *Lancet, The* , **2011**, 378, 584-94	40	231
1058	Is concordance with World Cancer Research Fund/American Institute for Cancer Research guidelines for cancer prevention related to subsequent risk of cancer? Results from the EPIC study. *American Journal of Clinical Nutrition*, **2012**, 96, 150-63	7	231
1057	Mutations in the selenocysteine insertion sequence-binding protein 2 gene lead to a multisystem selenoprotein deficiency disorder in humans. *Journal of Clinical Investigation*, **2010**, 120, 4220-35	15.9	229
1056	Large-scale genomic analyses link reproductive aging to hypothalamic signaling, breast cancer susceptibility and BRCA1-mediated DNA repair. *Nature Genetics*, **2015**, 47, 1294-1303	36.3	226
1055	Hierarchy of individual calibration levels for heart rate and accelerometry to measure physical activity. *Journal of Applied Physiology*, **2007**, 103, 682-92	3.7	226
1054	Prediction of total and hip fracture risk in men and women by quantitative ultrasound of the calcaneus: EPIC-Norfolk prospective population study. *Lancet, The*, **2004**, 363, 197-202	40	226
1053	PCSK9 genetic variants and risk of type 2 diabetes: a mendelian randomisation study. *Lancet Diabetes and Endocrinology,the*, **2017**, 5, 97-105	18.1	225
1052	Association Between Low-Density Lipoprotein Cholesterol-Lowering Genetic Variants and Risk of Type 2 Diabetes: A Meta-analysis. *JAMA - Journal of the American Medical Association*, **2016**, 316, 1383-1391	27.4	225
1051	Cell-specific protein phenotypes for the autoimmune locus IL2RA using a genotype-selectable human bioresource. *Nature Genetics*, **2009**, 41, 1011-5	36.3	224
1050	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. *PLoS Medicine*, **2017**, 14, e1002383	11.6	223
1049	Correlation of the leptin:adiponectin ratio with measures of insulin resistance in non-diabetic individuals. *Diabetologia*, **2009**, 52, 2345-2349	10.3	223
1048	Television viewing time independently predicts all-cause and cardiovascular mortality: the EPIC Norfolk study. *International Journal of Epidemiology*, **2011**, 40, 150-9	7.8	222

#	Reference		
1047	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. *Nature Genetics*, **2018**, 50, 559-571	36.3	221
1046	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. *PLoS Genetics*, **2015**, 11, e1005378	6	220
1045	Beyond low-density lipoprotein cholesterol: respective contributions of non-high-density lipoprotein cholesterol levels, triglycerides, and the total cholesterol/high-density lipoprotein cholesterol ratio to coronary heart disease risk in apparently healthy men and women. *Journal of the American College of Cardiology*, **2009**, 55, 35-41	15.1	220
1044	Physical activity and all-cause mortality across levels of overall and abdominal adiposity in European men and women: the European Prospective Investigation into Cancer and Nutrition Study (EPIC). *American Journal of Clinical Nutrition*, **2015**, 101, 613-21	7	219
1043	Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. *Nature Genetics*, **2013**, 45, 621-31	36.3	219
1042	Genome-wide association and genetic functional studies identify autism susceptibility candidate 2 gene (AUTS2) in the regulation of alcohol consumption. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 7119-24	11.5	218
1041	Epidemiology of diabetes. *Medicine*, **2014**, 42, 698-702	0.6	217
1040	Assessing cardiorespiratory fitness without performing exercise testing. *American Journal of Preventive Medicine*, **2005**, 29, 185-93	6.1	216
1039	Genetic Predisposition to an Impaired Metabolism of the Branched-Chain Amino Acids and Risk of Type 2 Diabetes: A Mendelian Randomisation Analysis. *PLoS Medicine*, **2016**, 13, e1002179	11.6	214
1038	Detailed physiologic characterization reveals diverse mechanisms for novel genetic Loci regulating glucose and insulin metabolism in humans. *Diabetes*, **2010**, 59, 1266-75	0.9	211
1037	A causal modelling approach to the development of theory-based behaviour change programmes for trial evaluation. *Health Education Research*, **2005**, 20, 676-87	1.8	209
1036	A missense mutation disrupting a dibasic prohormone processing site in pro-opiomelanocortin (POMC) increases susceptibility to early-onset obesity through a novel molecular mechanism. *Human Molecular Genetics*, **2002**, 11, 1997-2004	5.6	209
1035	Genetic factors in type 2 diabetes: the end of the beginning?. *Science*, **2005**, 307, 370-3	33.3	207
1034	Cigarette smoking and fat distribution in 21,828 British men and women: a population-based study. *Obesity*, **2005**, 13, 1466-75		207
1033	Life course variations in the associations between FTO and MC4R gene variants and body size. *Human Molecular Genetics*, **2010**, 19, 545-52	5.6	206
1032	Genetic loci influencing kidney function and chronic kidney disease. *Nature Genetics*, **2010**, 42, 373-5	36.3	205
1031	Causal mechanisms and balancing selection inferred from genetic associations with polycystic ovary syndrome. *Nature Communications*, **2015**, 6, 8464	17.4	203
1030	Physical activity attenuates the genetic predisposition to obesity in 20,000 men and women from EPIC-Norfolk prospective population study. *PLoS Medicine*, **2010**, 7, e1000332	11.6	201

1029	Plasma vitamin C level, fruit and vegetable consumption, and the risk of new-onset type 2 diabetes mellitus: the European prospective investigation of cancer--Norfolk prospective study. *Archives of Internal Medicine*, **2008**, 168, 1493-9		201
1028	Urinary bisphenol A concentration and risk of future coronary artery disease in apparently healthy men and women. *Circulation*, **2012**, 125, 1482-90	16.7	199
1027	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. *Nature Genetics*, **2016**, 48, 1462-1472	36.3	198
1026	Meta-analysis of genome-wide scans for human adult stature identifies novel Loci and associations with measures of skeletal frame size. *PLoS Genetics*, **2009**, 5, e1000445	6	198
1025	Value of low-density lipoprotein particle number and size as predictors of coronary artery disease in apparently healthy men and women: the EPIC-Norfolk Prospective Population Study. *Journal of the American College of Cardiology*, **2007**, 49, 547-53	15.1	198
1024	Fruit and vegetable intake and mortality from ischaemic heart disease: results from the European Prospective Investigation into Cancer and Nutrition (EPIC)-Heart study. *European Heart Journal*, **2011**, 32, 1235-43	9.5	195
1023	Fruit and vegetable intake and type 2 diabetes: EPIC-InterAct prospective study and meta-analysis. *European Journal of Clinical Nutrition*, **2012**, 66, 1082-92	5.2	195
1022	The detection of gene-environment interaction for continuous traits: should we deal with measurement error by bigger studies or better measurement?. *International Journal of Epidemiology*, **2003**, 32, 51-7	7.8	192
1021	Interventions to prevent weight gain: a systematic review of psychological models and behaviour change methods. *International Journal of Obesity*, **2000**, 24, 131-43	5.5	192
1020	Elevated serum ferritin levels predict new-onset type 2 diabetes: results from the EPIC-Norfolk prospective study. *Diabetologia*, **2007**, 50, 949-56	10.3	189
1019	Consumption of sweet beverages and type 2 diabetes incidence in European adults: results from EPIC-InterAct. *Diabetologia*, **2013**, 56, 1520-30	10.3	188
1018	Plasma levels of cholesteryl ester transfer protein and the risk of future coronary artery disease in apparently healthy men and women: the prospective EPIC (European Prospective Investigation into Cancer and nutrition)-Norfolk population study. *Circulation*, **2004**, 110, 1418-23	16.7	188
1017	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. *Nature Genetics*, **2018**, 50, 26-41	36.3	186
1016	A cross-sectional study of dietary patterns with glucose intolerance and other features of the metabolic syndrome. *British Journal of Nutrition*, **2000**, 83, 257-66	3.6	185
1015	The UK-PBC risk scores: Derivation and validation of a scoring system for long-term prediction of end-stage liver disease in primary biliary cholangitis. *Hepatology*, **2016**, 63, 930-50	11.2	184
1014	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. *Nature Genetics*, **2019**, 51, 804-814	36.3	181
1013	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. *Nature Genetics*, **2016**, 48, 1151-1161	36.3	181
1012	Circulating 25-hydroxyvitamin D concentration and the risk of type 2 diabetes: results from the European Prospective Investigation into Cancer (EPIC)-Norfolk cohort and updated meta-analysis of prospective studies. *Diabetologia*, **2012**, 55, 2173-82	10.3	181

1011	Dietary intake and status of n-3 polyunsaturated fatty acids in a population of fish-eating and non-fish-eating meat-eaters, vegetarians, and vegans and the product-precursor ratio [corrected] of α-linolenic acid to long-chain n-3 polyunsaturated fatty acids: results from the EPIC-Norfolk cohort. *American Journal of Clinical Nutrition*, **2010**, 92, 1040-51	7	181
1010	Time spent being sedentary and weight gain in healthy adults: reverse or bidirectional causality?. *American Journal of Clinical Nutrition*, **2008**, 88, 612-7	7	181
1009	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. *Nature Communications*, **2016**, 7, 10495	17.4	180
1008	Reproductive risk factors and endometrial cancer: the European Prospective Investigation into Cancer and Nutrition. *International Journal of Cancer*, **2010**, 127, 442-51	7.5	180
1007	A POMC variant implicates beta-melanocyte-stimulating hormone in the control of human energy balance. *Cell Metabolism*, **2006**, 3, 135-40	24.6	179
1006	Adult height and the risk of cause-specific death and vascular morbidity in 1 million people: individual participant meta-analysis. *International Journal of Epidemiology*, **2012**, 41, 1419-33	7.8	178
1005	Estimating physical activity energy expenditure, sedentary time, and physical activity intensity by self-report in adults. *American Journal of Clinical Nutrition*, **2010**, 91, 106-14	7	177
1004	Genome-wide association study in 79,366 European-ancestry individuals informs the genetic architecture of 25-hydroxyvitamin D levels. *Nature Communications*, **2018**, 9, 260	17.4	174
1003	Objectively measured sedentary time may predict insulin resistance independent of moderate- and vigorous-intensity physical activity. *Diabetes*, **2009**, 58, 1776-9	0.9	172
1002	Physical activity, cardiorespiratory fitness, and the metabolic syndrome in youth. *Journal of Applied Physiology*, **2008**, 105, 342-51	3.7	172
1001	GDF15 mediates the effects of metformin on body weight and energy balance. *Nature*, **2020**, 578, 444-448	58.4	171
1000	DNA methylation signatures of chronic low-grade inflammation are associated with complex diseases. *Genome Biology*, **2016**, 17, 255	18.3	171
999	Genome-wide association analyses for lung function and chronic obstructive pulmonary disease identify new loci and potential druggable targets. *Nature Genetics*, **2017**, 49, 416-425	36.3	170
998	CUBN is a gene locus for albuminuria. *Journal of the American Society of Nephrology: JASN*, **2011**, 22, 555-70	7.7	170
997	Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. *Molecular Psychiatry*, **2015**, 20, 647-656	15.1	167
996	Fatty acids measured in plasma and erythrocyte-membrane phospholipids and derived by food-frequency questionnaire and the risk of new-onset type 2 diabetes: a pilot study in the European Prospective Investigation into Cancer and Nutrition (EPIC)-Norfolk cohort. *American Journal of Clinical Nutrition*, **2010**, 92, 1214-22	7	167
995	High-density lipoprotein particle size and concentration and coronary risk. *Annals of Internal Medicine*, **2009**, 150, 84-93	8	167
994	Physical activity energy expenditure predicts progression toward the metabolic syndrome independently of aerobic fitness in middle-aged healthy Caucasians: the Medical Research Council Ely Study. *Diabetes Care*, **2005**, 28, 1195-200	14.6	167

No.	Reference	IF	Cites
993	Long-term effects of ad libitum low-fat, high-carbohydrate diets on body weight and serum lipids in overweight subjects with metabolic syndrome. *American Journal of Clinical Nutrition*, **2002**, 75, 11-20	7	166
992	A DNA methylation biomarker of alcohol consumption. *Molecular Psychiatry*, **2018**, 23, 422-433	15.1	164
991	Cumulative effects and predictive value of common obesity-susceptibility variants identified by genome-wide association studies. *American Journal of Clinical Nutrition*, **2010**, 91, 184-90	7	163
990	Incidence of Type 2 diabetes in England and its association with baseline impaired fasting glucose: the Ely study 1990-2000. *Diabetic Medicine*, **2007**, 24, 200-7	3.5	163
989	Stratifying type 2 diabetes cases by BMI identifies genetic risk variants in LAMA1 and enrichment for risk variants in lean compared to obese cases. *PLoS Genetics*, **2012**, 8, e1002741	6	162
988	Genome-wide meta-analysis of observational studies shows common genetic variants associated with macronutrient intake. *American Journal of Clinical Nutrition*, **2013**, 97, 1395-402	7	161
987	Lipoprotein(a) levels, genotype, and incident aortic valve stenosis: a prospective Mendelian randomization study and replication in a case-control cohort. *Circulation: Cardiovascular Genetics*, **2014**, 7, 304-10		160
986	Plasma phospholipid fatty acid concentration and incident coronary heart disease in men and women: the EPIC-Norfolk prospective study. *PLoS Medicine*, **2012**, 9, e1001255	11.6	160
985	IGF1 and IGFBP3 tagging polymorphisms are associated with circulating levels of IGF1, IGFBP3 and risk of breast cancer. *Human Molecular Genetics*, **2006**, 15, 1-10	5.6	160
984	Is it possible to assess free-living physical activity and energy expenditure in young people by self-report?. *American Journal of Clinical Nutrition*, **2009**, 89, 862-70	7	159
983	Does the association of habitual physical activity with the metabolic syndrome differ by level of cardiorespiratory fitness?. *Diabetes Care*, **2004**, 27, 1187-93	14.6	159
982	New genetic signals for lung function highlight pathways and chronic obstructive pulmonary disease associations across multiple ancestries. *Nature Genetics*, **2019**, 51, 481-493	36.3	156
981	The amount and type of dairy product intake and incident type 2 diabetes: results from the EPIC-InterAct Study. *American Journal of Clinical Nutrition*, **2012**, 96, 382-90	7	156
980	Design and cohort description of the InterAct Project: an examination of the interaction of genetic and lifestyle factors on the incidence of type 2 diabetes in the EPIC Study. *Diabetologia*, **2011**, 54, 2272-82	10.3	155
979	Physical activity attenuates the body mass index-increasing influence of genetic variation in the FTO gene. *American Journal of Clinical Nutrition*, **2009**, 90, 425-8	7	155
978	Early Detection and Treatment of Type 2 Diabetes Reduce Cardiovascular Morbidity and Mortality: A Simulation of the Results of the Anglo-Danish-Dutch Study of Intensive Treatment in People With Screen-Detected Diabetes in Primary Care (ADDITION-Europe). *Diabetes Care*, **2015**, 38, 1449-55	14.6	154
977	Screening for type 2 diabetes and population mortality over 10 years (ADDITION-Cambridge): a cluster-randomised controlled trial. *Lancet, The*, **2012**, 380, 1741-8	40	154
976	Depression and ischemic heart disease mortality: evidence from the EPIC-Norfolk United Kingdom prospective cohort study. *American Journal of Psychiatry*, **2008**, 165, 515-23	11.9	154

975	Genetically determined height and coronary artery disease. *New England Journal of Medicine*, **2015**, 372, 1608-18	59.2	152
974	Associations between exposure to takeaway food outlets, takeaway food consumption, and body weight in Cambridgeshire, UK: population based, cross sectional study. *BMJ, The*, **2014**, 348, g1464	5.9	152
973	Trans-ethnic association study of blood pressure determinants in over 750,000 individuals. *Nature Genetics*, **2019**, 51, 51-62	36.3	152
972	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. *American Journal of Human Genetics*, **2018**, 103, 691-706	11	151
971	Omega-6 fatty acid biomarkers and incident type 2 diabetes: pooled analysis of individual-level data for 39 740 adults from 20 prospective cohort studies. *Lancet Diabetes and Endocrinology,the*, **2017**, 5, 965-974	18.1	150
970	KLB is associated with alcohol drinking, and its gene product βKlotho is necessary for FGF21 regulation of alcohol preference. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 14372-14377	11.5	150
969	Genetic evidence that raised sex hormone binding globulin (SHBG) levels reduce the risk of type 2 diabetes. *Human Molecular Genetics*, **2010**, 19, 535-44	5.6	150
968	IL-8 plasma concentrations and the risk of future coronary artery disease in apparently healthy men and women: the EPIC-Norfolk prospective population study. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2004**, 24, 1503-8	9.4	150
967	Gene-lifestyle interaction and type 2 diabetes: the EPIC interact case-cohort study. *PLoS Medicine*, **2014**, 11, e1001647	11.6	149
966	Mediterranean diet and type 2 diabetes risk in the European Prospective Investigation into Cancer and Nutrition (EPIC) study: the InterAct project. *Diabetes Care*, **2011**, 34, 1913-8	14.6	149
965	Association of C-reactive protein with type 2 diabetes: prospective analysis and meta-analysis. *Diabetologia*, **2009**, 52, 1040-7	10.3	149
964	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. *Nature Communications*, **2015**, 6, 5897	17.4	147
963	Type 2 diabetes is associated with a common mitochondrial variant: evidence from a population-based case-control study. *Human Molecular Genetics*, **2002**, 11, 1581-3	5.6	147
962	Systematic Evaluation of Pleiotropy Identifies 6 Further Loci Associated With Coronary Artery Disease. *Journal of the American College of Cardiology*, **2017**, 69, 823-836	15.1	146
961	Fasting proinsulin concentrations predict the development of type 2 diabetes. *Diabetes Care*, **1999**, 22, 262-70	14.6	146
960	Separate and combined associations of obesity and metabolic health with coronary heart disease: a pan-European case-cohort analysis. *European Heart Journal*, **2018**, 39, 397-406	9.5	146
959	Gene physical activity interactions in obesity: combined analysis of 111,421 individuals of European ancestry. *PLoS Genetics*, **2013**, 9, e1003607	6	145
958	Efficacy of a theory-based behavioural intervention to increase physical activity in an at-risk group in primary care (ProActive UK): a randomised trial. *Lancet, The*, **2008**, 371, 41-8	40	145

957	Estimation of daily energy expenditure in pregnant and non-pregnant women using a wrist-worn tri-axial accelerometer. *PLoS ONE*, **2011**, 6, e22922	3.7	144
956	A prospective study of the association between quantity and variety of fruit and vegetable intake and incident type 2 diabetes. *Diabetes Care*, **2012**, 35, 1293-300	14.6	143
955	Non-DNA binding, dominant-negative, human PPARgamma mutations cause lipodystrophic insulin resistance. *Cell Metabolism*, **2006**, 4, 303-11	24.6	143
954	Genetic markers of adult obesity risk are associated with greater early infancy weight gain and growth. *PLoS Medicine*, **2010**, 7, e1000284	11.6	142
953	Age at menopause, reproductive life span, and type 2 diabetes risk: results from the EPIC-InterAct study. *Diabetes Care*, **2013**, 36, 1012-9	14.6	141
952	The 30 minute insulin incremental response in an oral glucose tolerance test as a measure of insulin secretion. *Diabetic Medicine*, **1995**, 12, 931	3.5	140
951	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. *Nature Communications*, **2020**, 11, 163	17.4	140
950	Undiagnosed glucose intolerance in the community: the Isle of Ely Diabetes Project. *Diabetic Medicine*, **1995**, 12, 30-5	3.5	139
949	Microalbuminuria independently predicts all-cause and cardiovascular mortality in a British population: The European Prospective Investigation into Cancer in Norfolk (EPIC-Norfolk) population study. *International Journal of Epidemiology*, **2004**, 33, 189-98	7.8	138
948	Inflammatory and metabolic biomarkers and risk of liver and biliary tract cancer. *Hepatology*, **2014**, 60, 858-71	11.2	137
947	TCF7L2 polymorphisms modulate proinsulin levels and beta-cell function in a British Europid population. *Diabetes*, **2007**, 56, 1943-7	0.9	137
946	Glycated hemoglobin measurement and prediction of cardiovascular disease. *JAMA - Journal of the American Medical Association*, **2014**, 311, 1225-33	27.4	136
945	Siblings of patients with severe chronic obstructive pulmonary disease have a significant risk of airflow obstruction. *American Journal of Respiratory and Critical Care Medicine*, **2001**, 164, 1419-24	10.2	136
944	Association between circulating 25-hydroxyvitamin D and incident type 2 diabetes: a mendelian randomisation study. *Lancet Diabetes and Endocrinology,the*, **2015**, 3, 35-42	18.1	135
943	Combined impact of healthy lifestyle factors on colorectal cancer: a large European cohort study. *BMC Medicine*, **2014**, 12, 168	11.4	135
942	C-reactive protein levels and coronary artery disease incidence and mortality in apparently healthy men and women: the EPIC-Norfolk prospective population study 1993-2003. *Atherosclerosis*, **2006**, 187, 415-22	3.1	134
941	Genome-wide association studies identify CHRNA5/3 and HTR4 in the development of airflow obstruction. *American Journal of Respiratory and Critical Care Medicine*, **2012**, 186, 622-32	10.2	131
940	The Importance of Affective Beliefs and Attitudes in the Theory of Planned Behavior: Predicting Intention to Increase Physical Activity1. *Journal of Applied Social Psychology*, **2005**, 35, 1824-1848	2.1	131

939	Do different dimensions of the metabolic syndrome change together over time? Evidence supporting obesity as the central feature. *Diabetes Care*, **2001**, 24, 1758-63	14.6	131
938	Objectively measured moderate- and vigorous-intensity physical activity but not sedentary time predicts insulin resistance in high-risk individuals. *Diabetes Care*, **2009**, 32, 1081-6	14.6	130
937	A genome-wide association study reveals variants in ARL15 that influence adiponectin levels. *PLoS Genetics*, **2009**, 5, e1000768	6	129
936	Common genetic variants highlight the role of insulin resistance and body fat distribution in type 2 diabetes, independent of obesity. *Diabetes*, **2014**, 63, 4378-4387	0.9	127
935	Abdominal obesity, weight gain during adulthood and risk of liver and biliary tract cancer in a European cohort. *International Journal of Cancer*, **2013**, 132, 645-57	7.5	127
934	Coffee Drinking and Mortality in 10 European Countries: A Multinational Cohort Study. *Annals of Internal Medicine*, **2017**, 167, 236-247	8	127
933	Dietary dairy product intake and incident type 2 diabetes: a prospective study using dietary data from a 7-day food diary. *Diabetologia*, **2014**, 57, 909-17	10.3	126
932	Work and leisure time physical activity assessed using a simple, pragmatic, validated questionnaire and incident cardiovascular disease and all-cause mortality in men and women: The European Prospective Investigation into Cancer in Norfolk prospective population study. *International Journal of Epidemiology*, **2006**, 35, 1034-43	7.8	126
931	Leptin predicts a worsening of the features of the metabolic syndrome independently of obesity. *Obesity*, **2005**, 13, 1476-84		126
930	A central role for GRB10 in regulation of islet function in man. *PLoS Genetics*, **2014**, 10, e1004235	6	124
929	Temporal trends in physical activity in England: the Health Survey for England 1991 to 2004. *Preventive Medicine*, **2007**, 45, 416-23	4.3	124
928	Genome-wide analyses identify 68 new loci associated with intraocular pressure and improve risk prediction for primary open-angle glaucoma. *Nature Genetics*, **2018**, 50, 778-782	36.3	122
927	Using human genetics to understand the disease impacts of testosterone in men and women. *Nature Medicine*, **2020**, 26, 252-258	50.5	121
926	Novel loci affecting iron homeostasis and their effects in individuals at risk for hemochromatosis. *Nature Communications*, **2014**, 5, 4926	17.4	121
925	Urbanization, physical activity, and metabolic health in sub-Saharan Africa. *Diabetes Care*, **2011**, 34, 491-6	14.6	121
924	Digenic inheritance of severe insulin resistance in a human pedigree. *Nature Genetics*, **2002**, 31, 379-84	36.3	121
923	FTO genetic variants, dietary intake and body mass index: insights from 177,330 individuals. *Human Molecular Genetics*, **2014**, 23, 6961-72	5.6	120
922	Oxidation-specific biomarkers, lipoprotein(a), and risk of fatal and nonfatal coronary events. *Journal of the American College of Cardiology*, **2010**, 56, 946-55	15.1	120

921	Directional dominance on stature and cognition in diverse human populations. *Nature*, **2015**, 523, 459-462	50.4	119
920	Life-Course Genome-wide Association Study Meta-analysis of Total Body BMD and Assessment of Age-Specific Effects. *American Journal of Human Genetics*, **2018**, 102, 88-102	11	119
919	Biomarkers of Dietary Omega-6 Fatty Acids and Incident Cardiovascular Disease and Mortality. *Circulation*, **2019**, 139, 2422-2436	16.7	118
918	Long-term risk of incident type 2 diabetes and measures of overall and regional obesity: the EPIC-InterAct case-cohort study. *PLoS Medicine*, **2012**, 9, e1001230	11.6	118
917	Elevated plasma adiponectin in humans with genetically defective insulin receptors. *Journal of Clinical Endocrinology and Metabolism*, **2006**, 91, 3219-23	5.6	117
916	Blood pressure and urinary sodium in men and women: the Norfolk Cohort of the European Prospective Investigation into Cancer (EPIC-Norfolk). *American Journal of Clinical Nutrition*, **2004**, 80, 1397-403	7	117
915	Obesity, inflammatory markers, and endometrial cancer risk: a prospective case-control study. *Endocrine-Related Cancer*, **2010**, 17, 1007-19	5.7	116
914	Role of the apolipoprotein B-apolipoprotein A-I ratio in cardiovascular risk assessment: a case-control analysis in EPIC-Norfolk. *Annals of Internal Medicine*, **2007**, 146, 640-8	8	116
913	Association of Plasma Phospholipid n-3 and n-6 Polyunsaturated Fatty Acids with Type 2 Diabetes: The EPIC-InterAct Case-Cohort Study. *PLoS Medicine*, **2016**, 13, e1002094	11.6	116
912	Social relationships and healthful dietary behaviour: evidence from over-50s in the EPIC cohort, UK. *Social Science and Medicine*, **2014**, 100, 167-75	5.1	115
911	Associations between Potentially Modifiable Risk Factors and Alzheimer Disease: A Mendelian Randomization Study. *PLoS Medicine*, **2015**, 12, e1001841; discussion e1001841	11.6	115
910	Initial thyroid status and cardiovascular risk factors: the EPIC-Norfolk prospective population study. *Clinical Endocrinology*, **2010**, 72, 404-10	3.4	115
909	Sample size determination for studies of gene-environment interaction. *International Journal of Epidemiology*, **2001**, 30, 1035-40	7.8	115
908	Age at menarche and type 2 diabetes risk: the EPIC-InterAct study. *Diabetes Care*, **2013**, 36, 3526-34	14.6	114
907	Human Gain-of-Function MC4R Variants Show Signaling Bias and Protect against Obesity. *Cell*, **2019**, 177, 597-607.e9	56.2	113
906	Apolipoprotein E genotype, cardiovascular biomarkers and risk of stroke: systematic review and meta-analysis of 14,015 stroke cases and pooled analysis of primary biomarker data from up to 60,883 individuals. *International Journal of Epidemiology*, **2013**, 42, 475-92	7.8	113
905	Genetic susceptibility to obesity and related traits in childhood and adolescence: influence of loci identified by genome-wide association studies. *Diabetes*, **2010**, 59, 2980-8	0.9	113
904	Cardiovascular risk assessment scores for people with diabetes: a systematic review. *Diabetologia*, **2009**, 52, 2001-14	10.3	113

903	Physical activity and metabolic risk in individuals with a family history of type 2 diabetes. *Diabetes Care*, **2007**, 30, 337-42	14.6	113
902	Interactions of dietary whole-grain intake with fasting glucose- and insulin-related genetic loci in individuals of European descent: a meta-analysis of 14 cohort studies. *Diabetes Care*, **2010**, 33, 2684-91	14.6	112
901	Effect of five genetic variants associated with lung function on the risk of chronic obstructive lung disease, and their joint effects on lung function. *American Journal of Respiratory and Critical Care Medicine*, **2011**, 184, 786-95	10.2	112
900	The V103I polymorphism of the MC4R gene and obesity: population based studies and meta-analysis of 29 563 individuals. *International Journal of Obesity*, **2007**, 31, 1437-41	5.5	111
899	Vitamin C and hyperglycemia in the European Prospective Investigation into Cancer--Norfolk (EPIC-Norfolk) study: a population-based study. *Diabetes Care*, **2000**, 23, 726-32	14.6	110
898	Association between type of dietary fish and seafood intake and the risk of incident type 2 diabetes: the European prospective investigation of cancer (EPIC)-Norfolk cohort study. *Diabetes Care*, **2009**, 32, 1857-63	14.6	109
897	Fruit and vegetable consumption and mortality: European prospective investigation into cancer and nutrition. *American Journal of Epidemiology*, **2013**, 178, 590-602	3.8	108
896	Performance of the UK Prospective Diabetes Study Risk Engine and the Framingham Risk Equations in Estimating Cardiovascular Disease in the EPIC- Norfolk Cohort. *Diabetes Care*, **2009**, 32, 708-13	14.6	108
895	Genome-wide joint meta-analysis of SNP and SNP-by-smoking interaction identifies novel loci for pulmonary function. *PLoS Genetics*, **2012**, 8, e1003098	6	108
894	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. *Nature Communications*, **2016**, 7, 10494	17.4	107
893	GWAS of epigenetic aging rates in blood reveals a critical role for TERT. *Nature Communications*, **2018**, 9, 387	17.4	106
892	Dietary protein intake and incidence of type 2 diabetes in Europe: the EPIC-InterAct Case-Cohort Study. *Diabetes Care*, **2014**, 37, 1854-62	14.6	106
891	Smoking status and differential white cell count in men and women in the EPIC-Norfolk population. *Atherosclerosis*, **2003**, 169, 331-7	3.1	106
890	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. *Nature Communications*, **2017**, 8, 14977	17.4	105
889	Prospective association of the Mediterranean diet with cardiovascular disease incidence and mortality and its population impact in a non-Mediterranean population: the EPIC-Norfolk study. *BMC Medicine*, **2016**, 14, 135	11.4	105
888	Genome-wide association analysis identifies six new loci associated with forced vital capacity. *Nature Genetics*, **2014**, 46, 669-77	36.3	104
887	Heritability of objectively assessed daily physical activity and sedentary behavior. *American Journal of Clinical Nutrition*, **2013**, 98, 1317-25	7	104
886	Metabolic syndrome and risks of colon and rectal cancer: the European prospective investigation into cancer and nutrition study. *Cancer Prevention Research*, **2011**, 4, 1873-83	3.2	103

885	Lower educational level is a predictor of incident type 2 diabetes in European countries: the EPIC-InterAct study. *International Journal of Epidemiology*, **2012**, 41, 1162-73	7.8	103
884	Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. *PLoS Genetics*, **2017**, 13, e1006528	6	103
883	Combined effect of health behaviours and risk of first ever stroke in 20,040 men and women over 11 years follow-up in Norfolk cohort of European Prospective Investigation of Cancer (EPIC Norfolk): prospective population study. *BMJ, The*, **2009**, 338, b349	5.9	102
882	Derivation and validation of diabetes risk score for urban Asian Indians. *Diabetes Research and Clinical Practice*, **2005**, 70, 63-70	7.4	102
881	Plasma protein patterns as comprehensive indicators of health. *Nature Medicine*, **2019**, 25, 1851-1857	50.5	102
880	Association between dietary meat consumption and incident type 2 diabetes: the EPIC-InterAct study. *Diabetologia*, **2013**, 56, 47-59	10.3	101
879	An adult female with resistance to thyroid hormone mediated by defective thyroid hormone receptor . *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, 4254-61	5.6	101
878	Comparison of PAEE from combined and separate heart rate and movement models in children. *Medicine and Science in Sports and Exercise*, **2005**, 37, 1761-7	1.2	101
877	Plasma urate concentration and risk of coronary heart disease: a Mendelian randomisation analysis. *Lancet Diabetes and Endocrinology,the*, **2016**, 4, 327-36	18.1	100
876	Trend in obesity prevalence in European adult cohort populations during follow-up since 1996 and their predictions to 2015. *PLoS ONE*, **2011**, 6, e27455	3.7	100
875	Fruit and vegetable intakes and subsequent changes in body weight in European populations: results from the project on Diet, Obesity, and Genes (DiOGenes). *American Journal of Clinical Nutrition*, **2009**, 90, 202-9	7	100
874	Fruit and vegetable intake and population glycosylated haemoglobin levels: the EPIC-Norfolk Study. *European Journal of Clinical Nutrition*, **2001**, 55, 342-8	5.2	100
873	Non-invasive risk scores for prediction of type 2 diabetes (EPIC-InterAct): a validation of existing models. *Lancet Diabetes and Endocrinology,the*, **2014**, 2, 19-29	18.1	99
872	Cigarette smoking and glycaemia: the EPIC-Norfolk Study. European Prospective Investigation into Cancer. *International Journal of Epidemiology*, **2001**, 30, 547-54	7.8	98
871	Prospective associations and population impact of sweet beverage intake and type 2 diabetes, and effects of substitutions with alternative beverages. *Diabetologia*, **2015**, 58, 1474-83	10.3	97
870	Lipoprotein(a) and risk of coronary, cerebrovascular, and peripheral artery disease: the EPIC-Norfolk prospective population study. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2012**, 32, 3058-65	9.4	97
869	Genome-wide Association Studies Identify Genetic Loci Associated With Albuminuria in Diabetes. *Diabetes*, **2016**, 65, 803-17	0.9	96
868	Evidence of a Causal Association Between Insulinemia and Endometrial Cancer: A Mendelian Randomization Analysis. *Journal of the National Cancer Institute*, **2015**, 107,	9.7	96

867	Common variants in ZNF365 are associated with both mammographic density and breast cancer risk. *Nature Genetics*, **2011**, 43, 185-7	36.3	96
866	Relationship of IgG and IgM autoantibodies and immune complexes to oxidized LDL with markers of oxidation and inflammation and cardiovascular events: results from the EPIC-Norfolk Study. *Journal of Lipid Research*, **2011**, 52, 1829-36	6.3	96
865	Dietary intakes of individual flavanols and flavonols are inversely associated with incident type 2 diabetes in European populations. *Journal of Nutrition*, **2014**, 144, 335-43	4.1	95
864	Accuracy and validity of a combined heart rate and motion sensor for the measurement of free-living physical activity energy expenditure in adults in Cameroon. *International Journal of Epidemiology*, **2011**, 40, 112-20	7.8	95
863	Postmenopausal serum sex steroids and risk of hormone receptor-positive and -negative breast cancer: a nested case-control study. *Cancer Prevention Research*, **2011**, 4, 1626-35	3.2	95
862	Increase in physical activity energy expenditure is associated with reduced metabolic risk independent of change in fatness and fitness. *Diabetes Care*, **2007**, 30, 2101-6	14.6	95
861	Untargeted metabolic profiling identifies altered serum metabolites of type 2 diabetes mellitus in a prospective, nested case control study. *Clinical Chemistry*, **2015**, 61, 487-97	5.5	94
860	Reproductive factors and exogenous hormone use in relation to risk of glioma and meningioma in a large European cohort study. *Cancer Epidemiology Biomarkers and Prevention*, **2010**, 19, 2562-9	4	94
859	Residential area deprivation predicts fruit and vegetable consumption independently of individual educational level and occupational social class: a cross sectional population study in the Norfolk cohort of the European Prospective Investigation into Cancer (EPIC-Norfolk). *Journal of Epidemiology and Community Health*, **2004**, 58, 686-91	5.1	94
858	Non-esterified fatty acid levels and physical inactivity: the relative importance of low habitual energy expenditure and cardio-respiratory fitness. *British Journal of Nutrition*, **2002**, 88, 307-13	3.6	93
857	Common breast cancer susceptibility variants in LSP1 and RAD51L1 are associated with mammographic density measures that predict breast cancer risk. *Cancer Epidemiology Biomarkers and Prevention*, **2012**, 21, 1156-66	4	92
856	Comparison of two Actigraph models for assessing free-living physical activity in Indian adolescents. *Journal of Sports Sciences*, **2007**, 25, 1607-11	3.6	92
855	Plasma ascorbic acid concentrations and fat distribution in 19,068 British men and women in the European Prospective Investigation into Cancer and Nutrition Norfolk cohort study. *American Journal of Clinical Nutrition*, **2005**, 82, 1203-9	7	92
854	PPARGC1A genotype (Gly482Ser) predicts exceptional endurance capacity in European men. *Journal of Applied Physiology*, **2005**, 99, 344-8	3.7	92
853	Hormonal, metabolic, and inflammatory profiles and endometrial cancer risk within the EPIC cohort--a factor analysis. *American Journal of Epidemiology*, **2013**, 177, 787-99	3.8	91
852	A simple risk score identifies individuals at high risk of developing Type 2 diabetes: a prospective cohort study. *Family Practice*, **2008**, 25, 191-6	1.9	91
851	Differential white blood cell count and type 2 diabetes: systematic review and meta-analysis of cross-sectional and prospective studies. *PLoS ONE*, **2010**, 5, e13405	3.7	91
850	Circulating C-reactive protein concentrations and risks of colon and rectal cancer: a nested case-control study within the European Prospective Investigation into Cancer and Nutrition. *American Journal of Epidemiology*, **2010**, 172, 407-18	3.8	90

849	The Lancet Commission on diabetes: using data to transform diabetes care and patient lives. *Lancet, The*, **2021**, 396, 2019-2082	40	90
848	Active and passive cigarette smoking and breast cancer risk: results from the EPIC cohort. *International Journal of Cancer*, **2014**, 134, 1871-88	7.5	89
847	The association between dietary flavonoid and lignan intakes and incident type 2 diabetes in European populations: the EPIC-InterAct study. *Diabetes Care*, **2013**, 36, 3961-70	14.6	89
846	Glucose intolerance is associated with altered calcium homeostasis: a possible link between increased serum calcium concentration and cardiovascular disease mortality. *Metabolism: Clinical and Experimental*, **1997**, 46, 1171-7	12.7	89
845	Replication of the association between variants in WFS1 and risk of type 2 diabetes in European populations. *Diabetologia*, **2008**, 51, 458-63	10.3	89
844	Circulating secretory phospholipase A2 activity and risk of incident coronary events in healthy men and women: the EPIC-Norfolk study. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2007**, 27, 1177-83	9.4	89
843	Effect of combined movement and heart rate monitor placement on physical activity estimates during treadmill locomotion and free-living. *European Journal of Applied Physiology*, **2006**, 96, 517-24	3.4	89
842	The validation of physical activity instruments for measuring energy expenditure: problems and pitfalls. *Public Health Nutrition*, **1998**, 1, 265-71	3.3	89
841	Fatty acid biomarkers of dairy fat consumption and incidence of type 2 diabetes: A pooled analysis of prospective cohort studies. *PLoS Medicine*, **2018**, 15, e1002670	11.6	89
840	Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. *Nature Communications*, **2017**, 8, 80	17.4	88
839	Meta-analysis of the Gly482Ser variant in PPARGC1A in type 2 diabetes and related phenotypes. *Diabetologia*, **2006**, 49, 501-5	10.3	88
838	Apolipoprotein A-II is inversely associated with risk of future coronary artery disease. *Circulation*, **2007**, 116, 2029-35	16.7	88
837	Fiber intake and total and cause-specific mortality in the European Prospective Investigation into Cancer and Nutrition cohort. *American Journal of Clinical Nutrition*, **2012**, 96, 164-74	7	87
836	The threshold for diagnosing impaired fasting glucose: a position statement by the European Diabetes Epidemiology Group. *Diabetologia*, **2006**, 49, 822-7	10.3	87
835	Physical activity trajectories and mortality: population based cohort study. *BMJ, The*, **2019**, 365, l2323	5.9	86
834	Estimation of Free-Living Energy Expenditure by Heart Rate and Movement Sensing: A Doubly-Labelled Water Study. *PLoS ONE*, **2015**, 10, e0137206	3.7	86
833	HDL particle size and the risk of coronary heart disease in apparently healthy men and women: the EPIC-Norfolk prospective population study. *Atherosclerosis*, **2009**, 206, 276-81	3.1	86
832	Plasma levels of plant sterols and the risk of coronary artery disease: the prospective EPIC-Norfolk Population Study. *Journal of Lipid Research*, **2007**, 48, 139-44	6.3	86

831	Genetic Evidence for a Link Between Favorable Adiposity and Lower Risk of Type 2 Diabetes, Hypertension, and Heart Disease. *Diabetes*, **2016**, 65, 2448-60	0.9	86
830	Estimation of the intake of anthocyanidins and their food sources in the European Prospective Investigation into Cancer and Nutrition (EPIC) study. *British Journal of Nutrition*, **2011**, 106, 1090-9	3.6	85
829	Feasibility of heart-rate monitoring to estimate total level and pattern of energy expenditure in a population-based epidemiological study: the Ely Young Cohort Feasibility Study 1994-5. *British Journal of Nutrition*, **1997**, 78, 889-900	3.6	85
828	Plasma vitamin C concentrations predict risk of incident stroke over 10 y in 20 649 participants of the European Prospective Investigation into Cancer Norfolk prospective population study. *American Journal of Clinical Nutrition*, **2008**, 87, 64-9	7	85
827	Serum levels of type II secretory phospholipase A2 and the risk of future coronary artery disease in apparently healthy men and women: the EPIC-Norfolk Prospective Population Study. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2005**, 25, 839-46	9.4	85
826	Genome-wide association study identifies multiple loci associated with both mammographic density and breast cancer risk. *Nature Communications*, **2014**, 5, 5303	17.4	84
825	Genetic variation at the SLC23A1 locus is associated with circulating concentrations of L-ascorbic acid (vitamin C): evidence from 5 independent studies with >15,000 participants. *American Journal of Clinical Nutrition*, **2010**, 92, 375-82	7	84
824	Association of genetic Loci with glucose levels in childhood and adolescence: a meta-analysis of over 6,000 children. *Diabetes*, **2011**, 60, 1805-12	0.9	83
823	Physical inactivity is associated with lower forced expiratory volume in 1 second : European Prospective Investigation into Cancer-Norfolk Prospective Population Study. *American Journal of Epidemiology*, **2002**, 156, 139-47	3.8	83
822	Genetic predisposition to mosaic Y chromosome loss in blood. *Nature*, **2019**, 575, 652-657	50.4	83
821	Paradoxical elevation of high-molecular weight adiponectin in acquired extreme insulin resistance due to insulin receptor antibodies. *Diabetes*, **2007**, 56, 1712-7	0.9	82
820	Glucose intolerance and physical inactivity: the relative importance of low habitual energy expenditure and cardiorespiratory fitness. *American Journal of Epidemiology*, **2000**, 152, 132-9	3.8	82
819	Dietary antioxidants and asthma in adults. *Thorax*, **2006**, 61, 388-93	7.3	81
818	Microalbuminuria and stroke in a British population: the European Prospective Investigation into Cancer in Norfolk (EPIC-Norfolk) population study. *Journal of Internal Medicine*, **2004**, 255, 247-56	10.8	81
817	Frequent salad vegetable consumption is associated with a reduction in the risk of diabetes mellitus. *Journal of Clinical Epidemiology*, **1999**, 52, 329-35	5.7	81
816	Gene-age interactions in blood pressure regulation: a large-scale investigation with the CHARGE, Global BPgen, and ICBP Consortia. *American Journal of Human Genetics*, **2014**, 95, 24-38	11	80
815	Large-scale GWAS identifies multiple loci for hand grip strength providing biological insights into muscular fitness. *Nature Communications*, **2017**, 8, 16015	17.4	80
814	Inflammatory biomarkers, physical activity, waist circumference, and risk of future coronary heart disease in healthy men and women. *European Heart Journal*, **2011**, 32, 336-44	9.5	80

813	A quantitative analysis of the relationship between habitual energy expenditure, fitness and the metabolic cardiovascular syndrome. *British Journal of Nutrition*, **1998**, 80, 235-41	3.6	80
812	A Mendelian Randomization Study of Circulating Uric Acid and Type 2 Diabetes. *Diabetes*, **2015**, 64, 3028-36		79
811	Sixteen new lung function signals identified through 1000 Genomes Project reference panel imputation. *Nature Communications*, **2015**, 6, 8658	17.4	79
810	Mendelian randomization study of B-type natriuretic peptide and type 2 diabetes: evidence of causal association from population studies. *PLoS Medicine*, **2011**, 8, e1001112	11.6	79
809	Dietary fat and the risk of clinical type 2 diabetes: the European prospective investigation of Cancer-Norfolk study. *American Journal of Epidemiology*, **2004**, 159, 73-82	3.8	78
808	Association of Genetic Variants Related to Gluteofemoral vs Abdominal Fat Distribution With Type 2 Diabetes, Coronary Disease, and Cardiovascular Risk Factors. *JAMA - Journal of the American Medical Association*, **2018**, 320, 2553-2563	27.4	78
807	A genomic approach to therapeutic target validation identifies a glucose-lowering GLP1R variant protective for coronary heart disease. *Science Translational Medicine*, **2016**, 8, 341ra76	17.5	77
806	Does neighborhood fast-food outlet exposure amplify inequalities in diet and obesity? A cross-sectional study. *American Journal of Clinical Nutrition*, **2016**, 103, 1540-7	7	77
805	Objectively measured physical activity correlates with indices of insulin resistance in Danish children. The European Youth Heart Study (EYHS). *International Journal of Obesity*, **2004**, 28, 1503-8	5.5	77
804	Hypertriglyceridaemia in subjects with normal and abnormal glucose tolerance: relative contributions of insulin secretion, insulin resistance and suppression of plasma non-esterified fatty acids. *Diabetologia*, **1994**, 37, 889-96	10.3	77
803	Sixty-five common genetic variants and prediction of type 2 diabetes. *Diabetes*, **2015**, 64, 1830-40	0.9	76
802	Separating the mechanism-based and off-target actions of cholesteryl ester transfer protein inhibitors with CETP gene polymorphisms. *Circulation*, **2010**, 121, 52-62	16.7	76
801	Associations between dietary methods and biomarkers, and between fruits and vegetables and risk of ischaemic heart disease, in the EPIC Norfolk Cohort Study. *International Journal of Epidemiology*, **2008**, 37, 978-87	7.8	76
800	Stepwise screening for diabetes identifies people with high but modifiable coronary heart disease risk. The ADDITION study. *Diabetologia*, **2008**, 51, 1127-34	10.3	76
799	Apolipoprotein A-V, triglycerides and risk of coronary artery disease: the prospective Epic-Norfolk Population Study. *Journal of Lipid Research*, **2006**, 47, 2064-70	6.3	76
798	A prospective study of microalbuminuria and incident coronary heart disease and its prognostic significance in a British population: the EPIC-Norfolk study. *American Journal of Epidemiology*, **2004**, 159, 284-93	3.8	76
797	What is the evidence that microalbuminuria is a predictor of cardiovascular disease events?. *Current Opinion in Nephrology and Hypertension*, **2005**, 14, 271-6	3.5	76
796	Dietary determinants of changes in waist circumference adjusted for body mass index - a proxy measure of visceral adiposity. *PLoS ONE*, **2010**, 5, e11588	3.7	76

795	Television viewing and incident cardiovascular disease: prospective associations and mediation analysis in the EPIC Norfolk Study. *PLoS ONE*, **2011**, 6, e20058	3.7	76
794	Association between objectively assessed sedentary time and physical activity with metabolic risk factors among people with recently diagnosed type 2 diabetes. *Diabetologia*, **2014**, 57, 73-82	10.3	75
793	Genetic variation at the phospholipid transfer protein locus affects its activity and high-density lipoprotein size and is a novel marker of cardiovascular disease susceptibility. *Circulation*, **2010**, 122, 470-7	16.7	75
792	Association between birth weight and visceral fat in adults. *American Journal of Clinical Nutrition*, **2010**, 92, 347-52	7	75
791	ANGPTL4 E40K and T266M: effects on plasma triglyceride and HDL levels, postprandial responses, and CHD risk. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2008**, 28, 2319-25	9.4	75
790	Low circulating IGF-II concentrations predict weight gain and obesity in humans. *Diabetes*, **2003**, 52, 1403-8	3.8	75
789	Whole-Genome Sequencing Coupled to Imputation Discovers Genetic Signals for Anthropometric Traits. *American Journal of Human Genetics*, **2017**, 100, 865-884	11	74
788	Dietary intakes and food sources of phenolic acids in the European Prospective Investigation into Cancer and Nutrition (EPIC) study. *British Journal of Nutrition*, **2013**, 110, 1500-11	3.6	74
787	The effects of aerobic exercise on metabolic risk, insulin sensitivity and intrahepatic lipid in healthy older people from the Hertfordshire Cohort Study: a randomised controlled trial. *Diabetologia*, **2010**, 53, 624-31	10.3	74
786	Does peroxisome proliferator-activated receptor gamma genotype (Pro12ala) modify the association of physical activity and dietary fat with fasting insulin level?. *Metabolism: Clinical and Experimental*, **2004**, 53, 11-6	12.7	74
785	Chemotherapy and autografting for chronic granulocytic leukaemia in transformation: probable prolongation of survival for some patients. *British Journal of Haematology*, **1984**, 58, 711-21	4.5	74
784	The assessment of physical activity in individuals and populations: why try to be more precise about how physical activity is assessed? **1998**, 22 Suppl 2, S30-8		74
783	No evidence for a causal link between uric acid and type 2 diabetes: a Mendelian randomisation approach. *Diabetologia*, **2011**, 54, 2561-9	10.3	73
782	A truncation mutation in TBC1D4 in a family with acanthosis nigricans and postprandial hyperinsulinemia. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 9350-5	11.5	73
781	Psychosocial factors and incident asthma hospital admissions in the EPIC-Norfolk cohort study. *Allergy: European Journal of Allergy and Clinical Immunology*, **2007**, 62, 554-60	9.3	73
780	Energy intake at breakfast and weight change: prospective study of 6,764 middle-aged men and women. *American Journal of Epidemiology*, **2008**, 167, 188-92	3.8	73
779	Macrophage migration inhibitory factor and the risk of myocardial infarction or death due to coronary artery disease in adults without prior myocardial infarction or stroke: the EPIC-Norfolk Prospective Population study. *American Journal of Medicine*, **2004**, 117, 390-7	2.4	73
778	Intake of total, animal and plant protein and subsequent changes in weight or waist circumference in European men and women: the Diogenes project. *International Journal of Obesity*, **2011**, 35, 1104-13	5.5	72

777	Adult obesity susceptibility variants are associated with greater childhood weight gain and a faster tempo of growth: the 1946 British Birth Cohort Study. *American Journal of Clinical Nutrition*, **2012**, 95, 1150-6	7	72
776	Relationship between subdomains of total physical activity and mortality. *Medicine and Science in Sports and Exercise*, **2008**, 40, 1909-15	1.2	72
775	Genetic inactivation of ANGPTL4 improves glucose homeostasis and is associated with reduced risk of diabetes. *Nature Communications*, **2018**, 9, 2252	17.4	71
774	Estimated dietary intakes of flavonols, flavanones and flavones in the European Prospective Investigation into Cancer and Nutrition (EPIC) 24 hour dietary recall cohort. *British Journal of Nutrition*, **2011**, 106, 1915-25	3.6	71
773	Genetic variants associated with mosaic Y chromosome loss highlight cell cycle genes and overlap with cancer susceptibility. *Nature Genetics*, **2017**, 49, 674-679	36.3	70
772	Changes in household, transport and recreational physical activity and television viewing time across the transition to retirement: longitudinal evidence from the EPIC-Norfolk cohort. *Journal of Epidemiology and Community Health*, **2014**, 68, 747-53	5.1	70
771	Refractive error, axial length and anterior chamber depth of the eye in British adults: the EPIC-Norfolk Eye Study. *British Journal of Ophthalmology*, **2010**, 94, 827-30	5.5	70
770	Low faecal elastase 1 concentrations in type 2 diabetes mellitus. *Scandinavian Journal of Gastroenterology*, **2001**, 36, 1056-61	2.4	70
769	Plasma carotenoids, vitamin C, tocopherols, and retinol and the risk of breast cancer in the European Prospective Investigation into Cancer and Nutrition cohort. *American Journal of Clinical Nutrition*, **2016**, 103, 454-64	7	69
768	Dietary fiber intake and risk of hormonal receptor-defined breast cancer in the European Prospective Investigation into Cancer and Nutrition study. *American Journal of Clinical Nutrition*, **2013**, 97, 344-53	7	69
767	The ADRB3 Trp64Arg variant and BMI: a meta-analysis of 44 833 individuals. *International Journal of Obesity*, **2008**, 32, 1240-9	5.5	69
766	EPIC-Heart: the cardiovascular component of a prospective study of nutritional, lifestyle and biological factors in 520,000 middle-aged participants from 10 European countries. *European Journal of Epidemiology*, **2007**, 22, 129-41	12.1	69
765	The performance of a risk score in predicting undiagnosed hyperglycemia. *Diabetes Care*, **2002**, 25, 984-8	14.6	69
764	Food composition of the diet in relation to changes in waist circumference adjusted for body mass index. *PLoS ONE*, **2011**, 6, e23384	3.7	69
763	Lifetime alcohol use and overall and cause-specific mortality in the European Prospective Investigation into Cancer and nutrition (EPIC) study. *BMJ Open*, **2014**, 4, e005245	3	68
762	Seropositivity and higher immunoglobulin g antibody levels against cytomegalovirus are associated with mortality in the population-based European prospective investigation of Cancer-Norfolk cohort. *Clinical Infectious Diseases*, **2013**, 56, 1421-7	11.6	68
761	Estimating the population impact of screening strategies for identifying and treating people at high risk of cardiovascular disease: modelling study. *BMJ, The*, **2010**, 340, c1693	5.9	67
760	Dietary glycemic index, glycemic load, and digestible carbohydrate intake are not associated with risk of type 2 diabetes in eight European countries. *Journal of Nutrition*, **2013**, 143, 93-9	4.1	66

759	A risk model for lung cancer incidence. *Cancer Prevention Research*, **2012**, 5, 834-46	3.2	66
758	Fruit and vegetable consumption and self-reported functional health in men and women in the European Prospective Investigation into Cancer-Norfolk (EPIC-Norfolk): a population-based cross-sectional study. *Public Health Nutrition*, **2007**, 10, 34-41	3.3	66
757	The descriptive epidemiology of accelerometer-measured physical activity in older adults. *International Journal of Behavioral Nutrition and Physical Activity*, **2016**, 13, 2	8.4	65
756	The prospective association between total and type of fish intake and type 2 diabetes in 8 European countries: EPIC-InterAct Study. *American Journal of Clinical Nutrition*, **2012**, 95, 1445-53	7	65
755	Total and high-molecular weight adiponectin and risk of colorectal cancer: the European Prospective Investigation into Cancer and Nutrition Study. *Carcinogenesis*, **2012**, 33, 1211-8	4.6	65
754	Association between the T-381C polymorphism of the brain natriuretic peptide gene and risk of type 2 diabetes in human populations. *Human Molecular Genetics*, **2007**, 16, 1343-50	5.6	64
753	Allelic association of the human homologue of the mouse modifier Ptprj with breast cancer. *Human Molecular Genetics*, **2005**, 14, 2349-56	5.6	64
752	A cross-sectional analysis of physical activity and obesity indicators in European participants of the EPIC-PANACEA study. *International Journal of Obesity*, **2009**, 33, 497-506	5.5	63
751	The cross-sectional association between snacking behaviour and measures of adiposity: the Fenland Study, UK. *British Journal of Nutrition*, **2015**, 114, 1286-93	3.6	62
750	Physical activity reduces the risk of incident type 2 diabetes in general and in abdominally lean and obese men and women: the EPIC-InterAct Study. *Diabetologia*, **2012**, 55, 1944-52	10.3	61
749	Osteoprotegerin and soluble receptor activator of nuclear factor-kappaB ligand and risk for coronary events: a nested case-control approach in the prospective EPIC-Norfolk population study 1993-2003. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2009**, 29, 975-80	9.4	61
748	Is QUS or DXA better for predicting the 10-year absolute risk of fracture?. *Journal of Bone and Mineral Research*, **2009**, 24, 1319-25	6.3	61
747	Differential leucocyte count and the risk of future coronary artery disease in healthy men and women: the EPIC-Norfolk Prospective Population Study. *Journal of Internal Medicine*, **2007**, 262, 678-89	10.8	61
746	Physical activity patterns in a nationally representative sample of adults in Ireland. *Public Health Nutrition*, **2001**, 4, 1107-16	3.3	61
745	Estimation of Physical Activity Energy Expenditure during Free-Living from Wrist Accelerometry in UK Adults. *PLoS ONE*, **2016**, 11, e0167472	3.7	61
744	The association between circulating lipoprotein(a) and type 2 diabetes: is it causal?. *Diabetes*, **2014**, 63, 332-342	0.9	60
743	Metabolomic profiles of hepatocellular carcinoma in a European prospective cohort. *BMC Medicine*, **2015**, 13, 242	11.4	60
742	Greater accordance with the Dietary Approaches to Stop Hypertension dietary pattern is associated with lower diet-related greenhouse gas production but higher dietary costs in the United Kingdom. *American Journal of Clinical Nutrition*, **2015**, 102, 138-45	7	60

741	Cohort profile: A prospective cohort study of objective physical and cognitive capability and visual health in an ageing population of men and women in Norfolk (EPIC-Norfolk 3). *International Journal of Epidemiology*, **2014**, 43, 1063-72	7.8	60
740	Serum 25-hydroxyvitamin D, mortality, and incident cardiovascular disease, respiratory disease, cancers, and fractures: a 13-y prospective population study. *American Journal of Clinical Nutrition*, **2014**, 100, 1361-70	7	60
739	Underlying genetic models of inheritance in established type 2 diabetes associations. *American Journal of Epidemiology*, **2009**, 170, 537-45	3.8	60
738	Mendelian randomization studies do not support a role for raised circulating triglyceride levels influencing type 2 diabetes, glucose levels, or insulin resistance. *Diabetes*, **2011**, 60, 1008-18	0.9	60
737	Comparison of two methods to assess PAEE during six activities in children. *Medicine and Science in Sports and Exercise*, **2007**, 39, 2180-8	1.2	60
736	Adjusting for energy intake--what measure to use in nutritional epidemiological studies?. *International Journal of Epidemiology*, **2004**, 33, 1382-6	7.8	60
735	Correlated measurement error--implications for nutritional epidemiology. *International Journal of Epidemiology*, **2004**, 33, 1373-81	7.8	60
734	The performance of a risk score as a screening test for undiagnosed hyperglycemia in ethnic minority groups: data from the 1999 health survey for England. *Diabetes Care*, **2004**, 27, 116-22	14.6	60
733	Fat consumption and HbA(1c) levels: the EPIC-Norfolk study. *Diabetes Care*, **2001**, 24, 1911-6	14.6	60
732	Wearable-device-measured physical activity and future health risk. *Nature Medicine*, **2020**, 26, 1385-1391	50.5	60
731	Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. *Nature Genetics*, **2019**, 51, 636-648	36.3	59
730	Using natural experimental studies to guide public health action: turning the evidence-based medicine paradigm on its head. *Journal of Epidemiology and Community Health*, **2020**, 74, 203-208	5.1	59
729	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. *American Journal of Human Genetics*, **2018**, 102, 375-400	11	59
728	Dietary total antioxidant capacity and gastric cancer risk in the European prospective investigation into cancer and nutrition study. *International Journal of Cancer*, **2012**, 131, E544-54	7.5	59
727	Prescription of glucose-lowering therapies and risk of COVID-19 mortality in people with type 2 diabetes: a nationwide observational study in England. *Lancet Diabetes and Endocrinology,the*, **2021**, 9, 293-303	18.1	59
726	Total anticholinergic burden and risk of mortality and cardiovascular disease over 10 years in 21,636 middle-aged and older men and women of EPIC-Norfolk prospective population study. *Age and Ageing*, **2015**, 44, 219-25	3	58
725	Residential neighbourhood greenspace is associated with reduced risk of incident diabetes in older people: a prospective cohort study. *BMC Public Health*, **2016**, 16, 1171	4.1	58
724	Association of variants in the PCSK1 gene with obesity in the EPIC-Norfolk study. *Human Molecular Genetics*, **2009**, 18, 3496-501	5.6	58

723	Dietary fat intake and subsequent weight change in adults: results from the European Prospective Investigation into Cancer and Nutrition cohorts. *American Journal of Clinical Nutrition*, **2009**, 90, 1632-41	7	58
722	Social class, risk factors, and stroke incidence in men and women: a prospective study in the European prospective investigation into cancer in Norfolk cohort. *Stroke*, **2009**, 40, 1070-7	6.7	58
721	Common genetic variation in the melatonin receptor 1B gene (MTNR1B) is associated with decreased early-phase insulin response. *Diabetologia*, **2009**, 52, 1537-42	10.3	58
720	Increasing overall physical activity and aerobic fitness is associated with improvements in metabolic risk: cohort analysis of the ProActive trial. *Diabetologia*, **2008**, 51, 787-94	10.3	58
719	Estimation of magnitude in gene-environment interactions in the presence of measurement error. *Statistics in Medicine*, **2004**, 23, 987-98	2.3	58
718	SCORE2 risk prediction algorithms: new models to estimate 10-year risk of cardiovascular disease in Europe. *European Heart Journal*, **2021**, 42, 2439-2454	9.5	58
717	Alteration of amino acid and biogenic amine metabolism in hepatobiliary cancers: Findings from a prospective cohort study. *International Journal of Cancer*, **2016**, 138, 348-60	7.5	58
716	A Prospective Evaluation of Early Detection Biomarkers for Ovarian Cancer in the European EPIC Cohort. *Clinical Cancer Research*, **2016**, 22, 4664-75	12.9	58
715	General and abdominal obesity and risk of esophageal and gastric adenocarcinoma in the European Prospective Investigation into Cancer and Nutrition. *International Journal of Cancer*, **2015**, 137, 646-57	7.5	57
714	Dietary energy density predicts the risk of incident type 2 diabetes: the European Prospective Investigation of Cancer (EPIC)-Norfolk Study. *Diabetes Care*, **2008**, 31, 2120-5	14.6	57
713	Family history of diabetes identifies a group at increased risk for the metabolic consequences of obesity and physical inactivity in EPIC-Norfolk: a population-based study. The European Prospective Investigation into Cancer. *International Journal of Obesity*, **2000**, 24, 1333-9	5.5	57
712	Prediagnostic selenium status and hepatobiliary cancer risk in the European Prospective Investigation into Cancer and Nutrition cohort. *American Journal of Clinical Nutrition*, **2016**, 104, 406-14	7	57
711	Cardiovascular disease risk associated with elevated lipoprotein(a) attenuates at low low-density lipoprotein cholesterol levels in a primary prevention setting. *European Heart Journal*, **2018**, 39, 2589-2596	9.5	56
710	Plasma Mannose Levels Are Associated with Incident Type 2 Diabetes and Cardiovascular Disease. *Cell Metabolism*, **2017**, 26, 281-283	24.6	56
709	Physical activity, sedentary time and gain in overall and central body fat: 7-year follow-up of the ProActive trial cohort. *International Journal of Obesity*, **2015**, 39, 142-8	5.5	56
708	Variety in fruit and vegetable consumption and the risk of lung cancer in the European prospective investigation into cancer and nutrition. *Cancer Epidemiology Biomarkers and Prevention*, **2010**, 19, 2278-86	4	56
707	Insulin-like growth factor-I concentration and risk of prostate cancer: results from the European Prospective Investigation into Cancer and Nutrition. *Cancer Epidemiology Biomarkers and Prevention*, **2012**, 21, 1531-41	4	56
706	A combined heart rate and movement sensor: proof of concept and preliminary testing study. *European Journal of Clinical Nutrition*, **2000**, 54, 409-14	5.2	56

705	Alcohol consumption and risk of type 2 diabetes in European men and women: influence of beverage type and body size The EPIC-InterAct study. *Journal of Internal Medicine*, **2012**, 272, 358-70	10.8	55
704	Validity of electronically administered Recent Physical Activity Questionnaire (RPAQ) in ten European countries. *PLoS ONE*, **2014**, 9, e92829	3.7	55
703	Physical inactivity, abdominal obesity and risk of coronary heart disease in apparently healthy men and women. *International Journal of Obesity*, **2010**, 34, 340-7	5.5	55
702	Relation between self-reported physical functional health and chronic disease mortality in men and women in the European Prospective Investigation into Cancer (EPIC-Norfolk): a prospective population study. *Annals of Epidemiology*, **2006**, 16, 492-500	6.4	55
701	Seventeen year risk of all-cause and cause-specific mortality associated with C-reactive protein, fibrinogen and leukocyte count in men and women: the EPIC-Norfolk study. *European Journal of Epidemiology*, **2013**, 28, 541-50	12.1	54
700	Dietary flavonoid, lignan and antioxidant capacity and risk of hepatocellular carcinoma in the European prospective investigation into cancer and nutrition study. *International Journal of Cancer*, **2013**, 133, 2429-43	7.5	54
699	Meta-analysis of the INSIG2 association with obesity including 74,345 individuals: does heterogeneity of estimates relate to study design?. *PLoS Genetics*, **2009**, 5, e1000694	6	54
698	Cigarette smoking and endogenous sex hormones in postmenopausal women. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, 3184-92	5.6	54
697	Infection with hepatitis B and C viruses and risk of lymphoid malignancies in the European Prospective Investigation into Cancer and Nutrition (EPIC). *Cancer Epidemiology Biomarkers and Prevention*, **2011**, 20, 208-14	4	54
696	Dietary reporting errors on 24 h recalls and dietary questionnaires are associated with BMI across six European countries as evaluated with recovery biomarkers for protein and potassium intake. *British Journal of Nutrition*, **2012**, 107, 910-20	3.6	54
695	Testing of diabetes-associated WFS1 polymorphisms in the Diabetes Prevention Program. *Diabetologia*, **2008**, 51, 451-7	10.3	54
694	Serum levels of mannose-binding lectin and the risk of future coronary artery disease in apparently healthy men and women. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2006**, 26, 2345-50	9.4	54
693	Serum lipoprotein lipase concentration and risk for future coronary artery disease: the EPIC-Norfolk prospective population study. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2006**, 26, 637-42	9.4	54
692	Contribution of variants in the small heterodimer partner gene to birthweight, adiposity, and insulin levels: mutational analysis and association studies in multiple populations. *Diabetes*, **2003**, 52, 1288-91	0.9	54
691	Estimating energy expenditure by heart-rate monitoring without individual calibration. *Medicine and Science in Sports and Exercise*, **2001**, 33, 939-45	1.2	54
690	Macronutrient composition of the diet and prospective weight change in participants of the EPIC-PANACEA study. *PLoS ONE*, **2013**, 8, e57300	3.7	54
689	Associations of Mitochondrial and Nuclear Mitochondrial Variants and Genes with Seven Metabolic Traits. *American Journal of Human Genetics*, **2019**, 104, 112-138	11	54
688	Impact of physical activity on the risk of cardiovascular disease in middle-aged and older adults: EPIC Norfolk prospective population study. *European Journal of Preventive Cardiology*, **2018**, 25, 200-208	3.9	54

687	Type 2 diabetes, glucose, insulin, BMI, and ischemic stroke subtypes: Mendelian randomization study. *Neurology*, **2017**, 89, 454-460	6.5	53
686	The relationship between plasma angiopoietin-like protein 4 levels, angiopoietin-like protein 4 genotype, and coronary heart disease risk. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2010**, 30, 2277-82	9.4	53
685	Glycated hemoglobin as a marker of cardiovascular risk. *Current Opinion in Lipidology*, **2006**, 17, 637-43	4.4	53
684	Measurement error in epidemiology: the design of validation studies II: bivariate situation. *Statistics in Medicine*, **1999**, 18, 2831-45	2.3	53
683	Dietary Diversity, Diet Cost, and Incidence of Type 2 Diabetes in the United Kingdom: A Prospective Cohort Study. *PLoS Medicine*, **2016**, 13, e1002085	11.6	53
682	Consumption of Meat, Fish, Dairy Products, and Eggs and Risk of Ischemic Heart Disease. *Circulation*, **2019**, 139, 2835-2845	16.7	52
681	Who attends a UK diabetes screening programme? Findings from the ADDITION-Cambridge study. *Diabetic Medicine*, **2010**, 27, 995-1003	3.5	52
680	Dietary energy density in relation to subsequent changes of weight and waist circumference in European men and women. *PLoS ONE*, **2009**, 4, e5339	3.7	52
679	Dietary glycemic index and glycemic load and breast cancer risk in the European Prospective Investigation into Cancer and Nutrition (EPIC). *American Journal of Clinical Nutrition*, **2012**, 96, 345-55	7	52
678	The association of intensity and overall level of physical activity energy expenditure with a marker of insulin resistance. *Diabetologia*, **2008**, 51, 1399-407	10.3	52
677	Glycated hemoglobin and risk of stroke in people without known diabetes in the European Prospective Investigation into Cancer (EPIC)-Norfolk prospective population study: a threshold relationship?. *Stroke*, **2007**, 38, 271-5	6.7	52
676	The CART gene and human obesity: mutational analysis and population genetics. *Diabetes*, **2000**, 49, 872-5	0.9	52
675	Rate of weight gain predicts change in physical activity levels: a longitudinal analysis of the EPIC-Norfolk cohort. *International Journal of Obesity*, **2013**, 37, 404-9	5.5	51
674	Retinol-binding protein 4 and prediction of incident coronary events in healthy men and women. *Journal of Clinical Endocrinology and Metabolism*, **2009**, 94, 255-60	5.6	51
673	Dietary glycaemic index, glycaemic load and subsequent changes of weight and waist circumference in European men and women. *International Journal of Obesity*, **2009**, 33, 1280-8	5.5	51
672	How should peripheral neuropathy be assessed in people with diabetes in primary care? A population-based comparison of four measures. *Diabetic Medicine*, **2003**, 20, 368-74	3.5	51
671	Re-analysis of public genetic data reveals a rare X-chromosomal variant associated with type 2 diabetes. *Nature Communications*, **2018**, 9, 321	17.4	50
670	Biomarker patterns of inflammatory and metabolic pathways are associated with risk of colorectal cancer: results from the European Prospective Investigation into Cancer and Nutrition (EPIC). *European Journal of Epidemiology*, **2014**, 29, 261-75	12.1	50

669	Circulating biomarkers of tryptophan and the kynurenine pathway and lung cancer risk. *Cancer Epidemiology Biomarkers and Prevention*, **2014**, 23, 461-8	4	50
668	Plasma levels of lecithin:cholesterol acyltransferase and risk of future coronary artery disease in apparently healthy men and women: a prospective case-control analysis nested in the EPIC-Norfolk population study. *Journal of Lipid Research*, **2010**, 51, 416-21	6.3	50
667	Obesity-susceptibility loci have a limited influence on birth weight: a meta-analysis of up to 28,219 individuals. *American Journal of Clinical Nutrition*, **2011**, 93, 851-60	7	50
666	Mammographic breast density and breast cancer: evidence of a shared genetic basis. *Cancer Research*, **2012**, 72, 1478-84	10.1	50
665	Analysis of genetic variation in Akt2/PKB-beta in severe insulin resistance, lipodystrophy, type 2 diabetes, and related metabolic phenotypes. *Diabetes*, **2007**, 56, 714-9	0.9	50
664	Habitual fish consumption and risk of incident stroke: the European Prospective Investigation into Cancer (EPIC)-Norfolk prospective population study. *Public Health Nutrition*, **2006**, 9, 882-8	3.3	50
663	Visual acuity, self-reported vision and falls in the EPIC-Norfolk Eye study. *British Journal of Ophthalmology*, **2014**, 98, 377-82	5.5	49
662	Genome-wide analysis of health-related biomarkers in the UK Household Longitudinal Study reveals novel associations. *Scientific Reports*, **2017**, 7, 11008	4.9	49
661	Longitudinal association of C-reactive protein and lung function over 13 years: The EPIC-Norfolk study. *American Journal of Epidemiology*, **2014**, 179, 48-56	3.8	49
660	Genetic predisposition to obesity leads to increased risk of type 2 diabetes. *Diabetologia*, **2011**, 54, 776-82	8.3	49
659	Bayesian meta-analysis of genetic association studies with different sets of markers. *American Journal of Human Genetics*, **2008**, 82, 859-72	11	49
658	Increased PAI activity and PAI-1 antigen occurring with an oral fat load: associations with PAI-1 genotype and plasma active TGF-beta levels. *Atherosclerosis*, **1998**, 140, 45-53	3.1	49
657	Cigarette smoking is not associated with hyperinsulinemia: evidence against a causal relationship between smoking and insulin resistance. *Metabolism: Clinical and Experimental*, **1996**, 45, 1551-6	12.7	49
656	Cross-sectional associations between different measures of obesity and muscle strength in men and women in a British cohort study. *Journal of Nutrition, Health and Aging*, **2015**, 19, 3-11	5.2	48
655	Association of Multiple Biomarkers of Iron Metabolism and Type 2 Diabetes: The EPIC-InterAct Study. *Diabetes Care*, **2016**, 39, 572-81	14.6	48
654	Reproductive and menstrual factors and risk of differentiated thyroid carcinoma: the EPIC study. *International Journal of Cancer*, **2015**, 136, 1218-27	7.5	48
653	Effect of early multifactorial therapy compared with routine care on microvascular outcomes at 5 years in people with screen-detected diabetes: a randomized controlled trial: the ADDITION-Europe Study. *Diabetes Care*, **2014**, 37, 2015-23	14.6	48
652	Tumor necrosis factor (TNF)-soluble TNF receptors and endometrial cancer risk: the EPIC study. *International Journal of Cancer*, **2011**, 129, 2032-7	7.5	48

651	Anthropometric measures, physical activity, and risk of glioma and meningioma in a large prospective cohort study. *Cancer Prevention Research*, **2011**, 4, 1385-92	3.2	48
650	Genetic variation in alcohol dehydrogenase (ADH1A, ADH1B, ADH1C, ADH7) and aldehyde dehydrogenase (ALDH2), alcohol consumption and gastric cancer risk in the European Prospective Investigation into Cancer and Nutrition (EPIC) cohort. *Carcinogenesis*, **2012**, 33, 361-7	4.6	48
649	Mastery is associated with cardiovascular disease mortality in men and women at apparently low risk. *Health Psychology*, **2010**, 29, 412-20	5	48
648	Prospective study of physical activity and risk of primary adenocarcinomas of the oesophagus and stomach in the EPIC (European Prospective Investigation into Cancer and nutrition) cohort. *Cancer Causes and Control*, **2010**, 21, 657-69	2.8	48
647	Occupational social class, educational level, smoking and body mass index, and cause-specific mortality in men and women: a prospective study in the European Prospective Investigation of Cancer and Nutrition in Norfolk (EPIC-Norfolk) cohort. *European Journal of Epidemiology*, **2008**, 23, 511-22	12.1	48
646	How much might achievement of diabetes prevention behaviour goals reduce the incidence of diabetes if implemented at the population level?. *Diabetologia*, **2006**, 49, 905-11	10.3	48
645	Uncoupling protein 3 genetic variants in human obesity: the c-55t promoter polymorphism is negatively correlated with body mass index in a UK Caucasian population. *International Journal of Obesity*, **2001**, 25, 472-7	5.5	48
644	Circulating Monocyte Chemoattractant Protein-1 and Risk of Stroke: Meta-Analysis of Population-Based Studies Involving 17 180 Individuals. *Circulation Research*, **2019**, 125, 773-782	15.7	47
643	Genome-Wide Association Study of the Modified Stumvoll Insulin Sensitivity Index Identifies BCL2 and FAM19A2 as Novel Insulin Sensitivity Loci. *Diabetes*, **2016**, 65, 3200-11	0.9	47
642	Absolute level and rate of change of albuminuria over 1 year independently predict mortality and cardiovascular events in patients with diabetic nephropathy. *Diabetic Medicine*, **2003**, 20, 277-82	3.5	47
641	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. *Nature Communications*, **2016**, 7, 13357	17.4	46
640	Meat and fish consumption and risk of pancreatic cancer: results from the European Prospective Investigation into Cancer and Nutrition. *International Journal of Cancer*, **2013**, 132, 617-24	7.5	46
639	TERT gene harbors multiple variants associated with pancreatic cancer susceptibility. *International Journal of Cancer*, **2015**, 137, 2175-83	7.5	46
638	Human papillomavirus antibodies and future risk of anogenital cancer: a nested case-control study in the European prospective investigation into cancer and nutrition study. *Journal of Clinical Oncology*, **2015**, 33, 877-84	2.2	46
637	Screening for diabetes using an oral glucose tolerance test within a western multi-ethnic population identifies modifiable cardiovascular risk: the ADDITION-Leicester study. *Diabetologia*, **2011**, 54, 2237-46	10.3	46
636	Dietary flavonoid intake and colorectal cancer risk in the European prospective investigation into cancer and nutrition (EPIC) cohort. *International Journal of Cancer*, **2017**, 140, 1836-1844	7.5	45
635	Pre-diagnostic concordance with the WCRF/AICR guidelines and survival in European colorectal cancer patients: a cohort study. *BMC Medicine*, **2015**, 13, 107	11.4	45
634	Novel Associations between Common Breast Cancer Susceptibility Variants and Risk-Predicting Mammographic Density Measures. *Cancer Research*, **2015**, 75, 2457-67	10.1	45

633	Definitions of Metabolic Health and Risk of Future Type 2 Diabetes in BMI Categories: A Systematic Review and Network Meta-analysis. *Diabetes Care*, **2015**, 38, 2177-87	14.6	45
632	Hepatic steatosis risk is partly driven by increased de novo lipogenesis following carbohydrate consumption. *Genome Biology*, **2018**, 19, 79	18.3	45
631	Systemic medication and intraocular pressure in a British population: the EPIC-Norfolk Eye Study. *Ophthalmology*, **2014**, 121, 1501-7	7.3	45
630	Reproductive and hormone-related risk factors for epithelial ovarian cancer by histologic pathways, invasiveness and histologic subtypes: Results from the EPIC cohort. *International Journal of Cancer*, **2015**, 137, 1196-208	7.5	45
629	Novel approach identifies SNPs in SLC2A10 and KCNK9 with evidence for parent-of-origin effect on body mass index. *PLoS Genetics*, **2014**, 10, e1004508	6	45
628	Smoking and long-term risk of type 2 diabetes: the EPIC-InterAct study in European populations. *Diabetes Care*, **2014**, 37, 3164-71	14.6	45
627	Plasma and dietary carotenoids and vitamins A, C and E and risk of colon and rectal cancer in the European Prospective Investigation into Cancer and Nutrition. *International Journal of Cancer*, **2014**, 135, 2930-9	7.5	45
626	Common genetic determinants of glucose homeostasis in healthy children: the European Youth Heart Study. *Diabetes*, **2009**, 58, 2939-45	0.9	45
625	Associations between the pubertal timing-related variant in LIN28B and BMI vary across the life course. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, E125-9	5.6	45
624	Incidence of type 2 diabetes using proposed HbA1c diagnostic criteria in the european prospective investigation of cancer-norfolk cohort: implications for preventive strategies. *Diabetes Care*, **2011**, 34, 950-6	14.6	45
623	Occupational social class, risk factors and cardiovascular disease incidence in men and women: a prospective study in the European Prospective Investigation of Cancer and Nutrition in Norfolk (EPIC-Norfolk) cohort. *European Journal of Epidemiology*, **2008**, 23, 449-58	12.1	45
622	Melanin-concentrating hormone receptor mutations and human obesity: functional analysis. *Obesity*, **2004**, 12, 743-9		45
621	Physical activity energy expenditure predicts changes in body composition in middle-aged healthy whites: effect modification by age. *American Journal of Clinical Nutrition*, **2005**, 81, 964-9	7	45
620	Meta-analysis of up to 622,409 individuals identifies 40 novel smoking behaviour associated genetic loci. *Molecular Psychiatry*, **2020**, 25, 2392-2409	15.1	45
619	The Consortium of Metabolomics Studies (COMETS): Metabolomics in 47 Prospective Cohort Studies. *American Journal of Epidemiology*, **2019**, 188, 991-1012	3.8	44
618	Performance of the CHARGE-AF risk model for incident atrial fibrillation in the EPIC Norfolk cohort. *European Journal of Preventive Cardiology*, **2015**, 22, 932-9	3.9	44
617	The association of coffee intake with liver cancer risk is mediated by biomarkers of inflammation and hepatocellular injury: data from the European Prospective Investigation into Cancer and Nutrition. *American Journal of Clinical Nutrition*, **2015**, 102, 1498-508	7	44
616	Tall height and obesity are associated with an increased risk of aggressive prostate cancer: results from the EPIC cohort study. *BMC Medicine*, **2017**, 15, 115	11.4	44

615	Dietary flavonoid and lignan intake and breast cancer risk according to menopause and hormone receptor status in the European Prospective Investigation into Cancer and Nutrition (EPIC) Study. *Breast Cancer Research and Treatment*, **2013**, 139, 163-76	4.4	44
614	Tea consumption and incidence of type 2 diabetes in Europe: the EPIC-InterAct case-cohort study. *PLoS ONE*, **2012**, 7, e36910	3.7	44
613	Do simple questions about diet and physical activity help to identify those at risk of Type 2 diabetes?. *Diabetic Medicine*, **2007**, 24, 830-5	3.5	44
612	What determines the cost-effectiveness of diabetes screening?. *Diabetologia*, **2006**, 49, 1536-44	10.3	44
611	Cholesterol levels in small LDL particles predict the risk of coronary heart disease in the EPIC-Norfolk prospective population study. *European Heart Journal*, **2007**, 28, 2770-7	9.5	44
610	A district confidential enquiry into deaths due to asthma. *Thorax*, **1993**, 48, 1117-20	7.3	44
609	The trans-ancestral genomic architecture of glycemic traits. *Nature Genetics*, **2021**, 53, 840-860	36.3	44
608	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. *Nature Genetics*, **2019**, 51, 452-469	36.3	44
607	Alcohol intake in relation to non-fatal and fatal coronary heart disease and stroke: EPIC-CVD case-cohort study. *BMJ, The*, **2018**, 361, k934	5.9	44
606	Estimating energy expenditure from wrist and thigh accelerometry in free-living adults: a doubly labelled water study. *International Journal of Obesity*, **2019**, 43, 2333-2342	5.5	43
605	Lifestyle factors and risk of multimorbidity of cancer and cardiometabolic diseases: a multinational cohort study. *BMC Medicine*, **2020**, 18, 5	11.4	43
604	Integrated Analyses of Microbiome and Longitudinal Metabolome Data Reveal Microbial-Host Interactions on Sulfur Metabolism in Parkinson⊠ Disease. *Cell Reports*, **2019**, 29, 1767-1777.e8	10.6	43
603	Effect of population screening for type 2 diabetes on mortality: long-term follow-up of the Ely cohort. *Diabetologia*, **2011**, 54, 312-9	10.3	43
602	Associations between physical activity and fat mass in adolescents: the Stockholm Weight Development Study. *American Journal of Clinical Nutrition*, **2005**, 81, 355-60	7	43
601	Quantifying the association between habitual energy expenditure and blood pressure. *International Journal of Epidemiology*, **2000**, 29, 655-60	7.8	43
600	Plasma microRNAs as biomarkers of pancreatic cancer risk in a prospective cohort study. *International Journal of Cancer*, **2017**, 141, 905-915	7.5	42
599	Screening for type 2 diabetes. Lessons from the ADDITION-Europe study. *Diabetic Medicine*, **2011**, 28, 1416-24	3.5	42
598	Adaptation to social adversity is associated with stroke incidence: evidence from the EPIC-Norfolk prospective cohort study. *Stroke*, **2007**, 38, 1447-53	6.7	42

597	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. *Nature Communications*, **2019**, 10, 376	17.4	41
596	Does the importance of dietary costs for fruit and vegetable intake vary by socioeconomic position?. *British Journal of Nutrition*, **2015**, 114, 1464-70	3.6	41
595	Flavonoid and lignan intake in relation to bladder cancer risk in the European Prospective Investigation into Cancer and Nutrition (EPIC) study. *British Journal of Cancer*, **2014**, 111, 1870-80	8.7	41
594	Eating out, weight and weight gain. A cross-sectional and prospective analysis in the context of the EPIC-PANACEA study. *International Journal of Obesity*, **2011**, 35, 416-26	5.5	41
593	Cigar and pipe smoking and cancer risk in the European Prospective Investigation into Cancer and Nutrition (EPIC). *International Journal of Cancer*, **2010**, 127, 2402-11	7.5	41
592	A comprehensive evaluation of potential lung function associated genes in the SpiroMeta general population sample. *PLoS ONE*, **2011**, 6, e19382	3.7	41
591	Plasma concentrations of ascorbic acid and C-reactive protein, and risk of future coronary artery disease, in apparently healthy men and women: the EPIC-Norfolk prospective population study. *British Journal of Nutrition*, **2006**, 96, 516-22	3.6	41
590	Genome-wide Association Analysis in Humans Links Nucleotide Metabolism to Leukocyte Telomere Length. *American Journal of Human Genetics*, **2020**, 106, 389-404	11	40
589	Self-reported sleep patterns in a British population cohort. *Sleep Medicine*, **2014**, 15, 295-302	4.6	40
588	Concentrations of IGF-I and IGFBP-3 and pancreatic cancer risk in the European Prospective Investigation into Cancer and Nutrition. *British Journal of Cancer*, **2012**, 106, 1004-10	8.7	40
587	Evaluating the role of LPIN1 variation in insulin resistance, body weight, and human lipodystrophy in U.K. Populations. *Diabetes*, **2008**, 57, 2527-33	0.9	40
586	Interaction of vitamin C with the relation between smoking and obstructive airways disease in EPIC Norfolk. European Prospective Investigation into Cancer and Nutrition. *European Respiratory Journal*, **2000**, 16, 397-403	13.6	40
585	Early Outcomes From the English National Health Service Diabetes Prevention Programme. *Diabetes Care*, **2020**, 43, 152-160	14.6	40
584	Epigenome-Wide Association Study of Incident Type 2 Diabetes in a British Population: EPIC-Norfolk Study. *Diabetes*, **2019**, 68, 2315-2326	0.9	40
583	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. *American Journal of Epidemiology*, **2019**, 188, 1033-1054	3.8	39
582	A combination of plasma phospholipid fatty acids and its association with incidence of type 2 diabetes: The EPIC-InterAct case-cohort study. *PLoS Medicine*, **2017**, 14, e1002409	11.6	39
581	Smoking and the risk of prostate cancer in the European Prospective Investigation into Cancer and Nutrition. *British Journal of Cancer*, **2013**, 108, 708-14	8.7	39
580	Physical activity reduces the risk of symptomatic gallstones: a prospective cohort study. *European Journal of Gastroenterology and Hepatology*, **2010**, 22, 983-8	2.2	39

579	Gene-lifestyle interaction on risk of type 2 diabetes. *Nutrition, Metabolism and Cardiovascular Diseases*, **2007**, 17, 104-24	4.5	39
578	A Systematic Review of Biomarkers and Risk of Incident Type 2 Diabetes: An Overview of Epidemiological, Prediction and Aetiological Research Literature. *PLoS ONE*, **2016**, 11, e0163721	3.7	39
577	A confidential enquiry into deaths caused by asthma in an English health region: implications for general practice. *British Journal of General Practice*, **1996**, 46, 529-32	1.6	39
576	Parity, breastfeeding and risk of coronary heart disease: A pan-European case-cohort study. *European Journal of Preventive Cardiology*, **2016**, 23, 1755-1765	3.9	39
575	Assessing the causal association of glycine with risk of cardio-metabolic diseases. *Nature Communications*, **2019**, 10, 1060	17.4	38
574	Accordance to the Dietary Approaches to Stop Hypertension diet pattern and cardiovascular disease in a British, population-based cohort. *European Journal of Epidemiology*, **2018**, 33, 235-244	12.1	38
573	Ideal cardiovascular health influences cardiovascular disease risk associated with high lipoprotein(a) levels and genotype: The EPIC-Norfolk prospective population study. *Atherosclerosis*, **2017**, 256, 47-52	3.1	38
572	Dietary antioxidants and the aetiology of pancreatic cancer: a cohort study using data from food diaries and biomarkers. *Gut*, **2013**, 62, 1489-96	19.2	38
571	The aetiology of symptomatic gallstones quantification of the effects of obesity, alcohol and serum lipids on risk. Epidemiological and biomarker data from a UK prospective cohort study (EPIC-Norfolk). *European Journal of Gastroenterology and Hepatology*, **2011**, 23, 733-40	2.2	38
570	Serum lipid concentration in relation to anthropometric indices of central and peripheral fat distribution in 20,021 British men and women: results from the EPIC-Norfolk population-based cohort study. *Atherosclerosis*, **2006**, 189, 420-7	3.1	38
569	Does physical activity energy expenditure explain the between-individual variation in plasma leptin concentrations after adjusting for differences in body composition?. *Journal of Clinical Endocrinology and Metabolism*, **2003**, 88, 3258-63	5.6	38
568	Neighbourhood greenspace is associated with a slower decline in physical activity in older adults: A prospective cohort study. *SSM - Population Health*, **2016**, 2, 683-691	3.8	38
567	Mitochondrial DNA copy number and future risk of B-cell lymphoma in a nested case-control study in the prospective EPIC cohort. *Blood*, **2014**, 124, 530-5	2.2	37
566	Blood Metabolic Signatures of Body Mass Index: A Targeted Metabolomics Study in the EPIC Cohort. *Journal of Proteome Research*, **2017**, 16, 3137-3146	5.6	37
565	Mediation and modification of genetic susceptibility to obesity by eating behaviors. *American Journal of Clinical Nutrition*, **2017**, 106, 996-1004	7	37
564	Effects of body size and sociodemographic characteristics on differences between self-reported and measured anthropometric data in middle-aged men and women: the EPIC-Norfolk study. *European Journal of Clinical Nutrition*, **2011**, 65, 357-67	5.2	37
563	Both paraoxonase-1 genotype and activity do not predict the risk of future coronary artery disease; the EPIC-Norfolk Prospective Population Study. *PLoS ONE*, **2009**, 4, e6809	3.7	37
562	Challenges in the use of literature-based meta-analysis to examine gene-environment interactions. *American Journal of Epidemiology*, **2010**, 171, 1225-32	3.8	37

561	Measured height loss predicts fractures in middle-aged and older men and women: the EPIC-Norfolk prospective population study. *Journal of Bone and Mineral Research*, **2008**, 23, 425-32	6.3	37
560	Studies of the peptide YY and neuropeptide Y2 receptor genes in relation to human obesity and obesity-related traits. *Diabetes*, **2004**, 53, 2461-6	0.9	37
559	Ideal cardiovascular health and risk of cardiovascular events in the EPIC-Norfolk prospective population study. *European Journal of Preventive Cardiology*, **2016**, 23, 986-94	3.9	36
558	Loss of Cardioprotective Effects at the Locus as a Result of Gene-Smoking Interactions. *Circulation*, **2017**, 135, 2336-2353	16.7	36
557	Interaction between genes and macronutrient intake on the risk of developing type 2 diabetes: systematic review and findings from European Prospective Investigation into Cancer (EPIC)-InterAct. *American Journal of Clinical Nutrition*, **2017**, 106, 263-275	7	36
556	Dietary cost associated with adherence to the Mediterranean diet, and its variation by socio-economic factors in the UK Fenland Study. *British Journal of Nutrition*, **2018**, 119, 685-694	3.6	36
555	Physical activity and risk of Amyotrophic Lateral Sclerosis in a prospective cohort study. *European Journal of Epidemiology*, **2016**, 31, 255-66	12.1	36
554	Assessing risk prediction models using individual participant data from multiple studies. *American Journal of Epidemiology*, **2014**, 179, 621-32	3.8	36
553	Studies of the SIM1 gene in relation to human obesity and obesity-related traits. *International Journal of Obesity*, **2007**, 31, 429-34	5.5	36
552	Apolipoprotein C-III Levels and Incident Coronary Artery Disease Risk: The EPIC-Norfolk Prospective Population Study. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2017**, 37, 1206-1212	9.4	35
551	Weather, day length and physical activity in older adults: Cross-sectional results from the European Prospective Investigation into Cancer and Nutrition (EPIC) Norfolk Cohort. *PLoS ONE*, **2017**, 12, e0177767	3.7	35
550	Body fat mass is a predictor of risk of osteoporotic fractures in women but not in men: a prospective population study. *Journal of Internal Medicine*, **2012**, 271, 472-80	10.8	35
549	The association between a biomarker score for fruit and vegetable intake and incident type 2 diabetes: the EPIC-Norfolk study. *European Journal of Clinical Nutrition*, **2015**, 69, 449-54	5.2	35
548	Investigation of dietary factors and endometrial cancer risk using a nutrient-wide association study approach in the EPIC and Nurses Health Study (NHS) and NHSII. *Cancer Epidemiology Biomarkers and Prevention*, **2015**, 24, 466-71	4	35
547	Tea and coffee consumption and risk of esophageal cancer: the European prospective investigation into cancer and nutrition study. *International Journal of Cancer*, **2014**, 135, 1470-9	7.5	35
546	Insulin-like growth factor-i and risk of differentiated thyroid carcinoma in the European prospective investigation into cancer and nutrition. *Cancer Epidemiology Biomarkers and Prevention*, **2014**, 23, 976-85	4	35
545	Lack of association between common genetic variation in endothelial lipase (LIPG) and the risk for CAD and DVT. *Atherosclerosis*, **2010**, 211, 558-64	3.1	35
544	Prolactin levels and the risk of future coronary artery disease in apparently healthy men and women. *Circulation: Cardiovascular Genetics*, **2009**, 2, 389-95		35

543	Identification of the BCAR1-CFDP1-TMEM170A locus as a determinant of carotid intima-media thickness and coronary artery disease risk. *Circulation: Cardiovascular Genetics*, **2012**, 5, 656-65		35
542	Exome Chip Meta-analysis Fine Maps Causal Variants and Elucidates the Genetic Architecture of Rare Coding Variants in Smoking and Alcohol Use. *Biological Psychiatry*, **2019**, 85, 946-955	7.9	35
541	Pre-diagnostic metabolite concentrations and prostate cancer risk in 1077 cases and 1077 matched controls in the European Prospective Investigation into Cancer and Nutrition. *BMC Medicine*, **2017**, 15, 122	11.4	34
540	Reproductive factors and risk of mortality in the European Prospective Investigation into Cancer and Nutrition; a cohort study. *BMC Medicine*, **2015**, 13, 252	11.4	34
539	C-reactive protein, fatal and nonfatal coronary artery disease, stroke, and peripheral artery disease in the prospective EPIC-Norfolk cohort study. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2013**, 33, 2888-94	9.4	34
538	Patterns of physical activity and ultrasound attenuation by heel bone among Norfolk cohort of European Prospective Investigation of Cancer (EPIC Norfolk): population based study. *BMJ: British Medical Journal*, **2001**, 322, 140		34
537	Circulating copper and zinc levels and risk of hepatobiliary cancers in Europeans. *British Journal of Cancer*, **2017**, 116, 688-696	8.7	33
536	The combination of cardiorespiratory fitness and muscle strength, and mortality risk. *European Journal of Epidemiology*, **2018**, 33, 953-964	12.1	33
535	Intakes and sources of dietary sugars and their association with metabolic and inflammatory markers. *Clinical Nutrition*, **2018**, 37, 1313-1322	5.9	33
534	Type 2 diabetes-associated variants of the MT melatonin receptor affect distinct modes of signaling. *Science Signaling*, **2018**, 11,	8.8	33
533	Cardiorespiratory fitness and physical activity in Luo, Kamba, and Maasai of rural Kenya. *American Journal of Human Biology*, **2012**, 24, 723-9	2.7	33
532	Associations of endogenous testosterone and SHBG with glycated haemoglobin in middle-aged and older men. *Clinical Endocrinology*, **2011**, 74, 572-8	3.4	33
531	The association of lifetime alcohol use with measures of abdominal and general adiposity in a large-scale European cohort. *European Journal of Clinical Nutrition*, **2011**, 65, 1079-87	5.2	33
530	Population-specific risk of type 2 diabetes conferred by HNF4A P2 promoter variants: a lesson for replication studies. *Diabetes*, **2008**, 57, 3161-5	0.9	33
529	A prevalent variant in PPP1R3A impairs glycogen synthesis and reduces muscle glycogen content in humans and mice. *PLoS Medicine*, **2008**, 5, e27	11.6	33
528	Study of association between common variation in the insulin-like growth factor 2 gene and indices of obesity and body size in middle-aged men and women. *Journal of Clinical Endocrinology and Metabolism*, **2007**, 92, 2734-8	5.6	33
527	PGC-1alpha genotype modifies the association of volitional energy expenditure with [OV0312]O2max. *Medicine and Science in Sports and Exercise*, **2003**, 35, 1998-2004	1.2	33
526	Population genomics of cardiometabolic traits: design of the University College London-London School of Hygiene and Tropical Medicine-Edinburgh-Bristol (UCLEB) Consortium. *PLoS ONE*, **2013**, 8, e71345	3.7	33

525	Blood n-3 fatty acid levels and total and cause-specific mortality from 17 prospective studies. *Nature Communications*, **2021**, 12, 2329	17.4	33
524	Prediction of individualized lifetime benefit from cholesterol lowering, blood pressure lowering, antithrombotic therapy, and smoking cessation in apparently healthy people. *European Heart Journal*, **2020**, 41, 1190-1199	9.5	33
523	Genome-wide association study identifies 48 common genetic variants associated with handedness. *Nature Human Behaviour*, **2021**, 5, 59-70	12.8	33
522	Modifiable causes of premature death in middle-age in Western Europe: results from the EPIC cohort study. *BMC Medicine*, **2016**, 14, 87	11.4	32
521	Estimated 10-year cardiovascular mortality seriously underestimates overall cardiovascular risk. *Heart*, **2016**, 102, 63-8	5.1	32
520	Subtypes of fruit and vegetables, variety in consumption and risk of colon and rectal cancer in the European Prospective Investigation into Cancer and Nutrition. *International Journal of Cancer*, **2015**, 137, 2705-14	7.5	32
519	Variety more than quantity of fruit and vegetable intake varies by socioeconomic status and financial hardship. Findings from older adults in the EPIC cohort. *Appetite*, **2014**, 83, 248-255	4.5	32
518	Adiponectin and risk of coronary heart disease in apparently healthy men and women (from the EPIC-Norfolk Prospective Population Study). *American Journal of Cardiology*, **2011**, 108, 367-73	3	32
517	Population impact of strategies for identifying groups at high risk of type 2 diabetes. *Preventive Medicine*, **2006**, 42, 364-8	4.3	32
516	Sedentary Behavior and Chronic Disease: Mechanisms and Future Directions. *Journal of Physical Activity and Health*, **2020**, 17, 52-61	2.5	32
515	Validity of visceral adiposity estimates from DXA against MRI in Kuwaiti men and women. *Nutrition and Diabetes*, **2017**, 7, e238	4.7	31
514	Long-term physical activity: an exogenous risk factor for sporadic amyotrophic lateral sclerosis?. *Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration*, **2016**, 17, 377-84	3.6	31
513	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. *PLoS ONE*, **2018**, 13, e0198166	3.7	31
512	Rare Variant Analysis of Human and Rodent Obesity Genes in Individuals with Severe Childhood Obesity. *Scientific Reports*, **2017**, 7, 4394	4.9	31
511	How much does screening bring forward the diagnosis of type 2 diabetes and reduce complications? Twelve year follow-up of the Ely cohort. *Diabetologia*, **2012**, 55, 1651-9	10.3	31
510	The association of cycling with all-cause, cardiovascular and cancer mortality: findings from the population-based EPIC-Norfolk cohort. *BMJ Open*, **2013**, 3, e003797	3	31
509	Typical type 2 diabetes mellitus and HFE gene mutations: a population-based case - control study. *Human Molecular Genetics*, **2003**, 12, 1361-5	5.6	31
508	Prospective cohort study of the relationship of markers of insulin resistance and secretion with weight gain and changes in regional adiposity. *International Journal of Obesity*, **1999**, 23, 1256-61	5.5	31

507	A Body Shape Index (ABSI) achieves better mortality risk stratification than alternative indices of abdominal obesity: results from a large European cohort. *Scientific Reports*, **2020**, 10, 14541	4.9	31
506	Marital transitions and associated changes in fruit and vegetable intake: Findings from the population-based prospective EPIC-Norfolk cohort, UK. *Social Science and Medicine*, **2016**, 157, 120-6	5.1	31
505	Association between plasma phospholipid saturated fatty acids and metabolic markers of lipid, hepatic, inflammation and glycaemic pathways in eight European countries: a cross-sectional analysis in the EPIC-InterAct study. *BMC Medicine*, **2017**, 15, 203	11.4	30
504	Elevated Plasma Levels of 3-Hydroxyisobutyric Acid Are Associated With Incident Type 2 Diabetes. *EBioMedicine*, **2018**, 27, 151-155	8.8	30
503	Genome-wide association study for risk taking propensity indicates shared pathways with body mass index. *Communications Biology*, **2018**, 1, 36	6.7	30
502	Genome-wide meta-analysis of macronutrient intake of 91,114 European ancestry participants from the cohorts for heart and aging research in genomic epidemiology consortium. *Molecular Psychiatry*, **2019**, 24, 1920-1932	15.1	30
501	Independent and joint associations of grip strength and adiposity with all-cause and cardiovascular disease mortality in 403,199 adults: the UK Biobank study. *American Journal of Clinical Nutrition*, **2017**, 106, 773-782	7	30
500	Healthy behavior change and cardiovascular outcomes in newly diagnosed type 2 diabetic patients: a cohort analysis of the ADDITION-Cambridge study. *Diabetes Care*, **2014**, 37, 1712-20	14.6	30
499	Dietary intake of heme iron and risk of gastric cancer in the European prospective investigation into cancer and nutrition study. *International Journal of Cancer*, **2012**, 130, 2654-63	7.5	30
498	A standardized vascular disease health check in europe: a cost-effectiveness analysis. *PLoS ONE*, **2013**, 8, e66454	3.7	30
497	Consumption of meat and dairy and lymphoma risk in the European Prospective Investigation into Cancer and Nutrition. *International Journal of Cancer*, **2011**, 128, 623-34	7.5	30
496	Combined work and leisure physical activity and risk of stroke in men and women in the European prospective investigation into Cancer-Norfolk Prospective Population Study. *Neuroepidemiology*, **2006**, 27, 122-9	5.4	30
495	Respiratory function and self-reported functional health: EPIC-Norfolk population study. *European Respiratory Journal*, **2005**, 26, 494-502	13.6	30
494	What is the risk of mortality for people who are screen positive in a diabetes screening programme but who do not have diabetes on biochemical testing? Diabetes screening programmes from a public health perspective. *Journal of Medical Screening*, **2002**, 9, 187-90	1.4	30
493	Decreased non-esterified fatty acid suppression and features of the insulin resistance syndrome occur in a sub-group of individuals with normal glucose tolerance. *Diabetologia*, **1995**, 38, 1358-66	10.3	30
492	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. *Nature Communications*, **2021**, 12, 24	17.4	30
491	Association of Genetically Enhanced Lipoprotein Lipase-Mediated Lipolysis and Low-Density Lipoprotein Cholesterol-Lowering Alleles With Risk of Coronary Disease and Type 2 Diabetes. *JAMA Cardiology*, **2018**, 3, 957-966	16.2	30
490	A Low-Frequency Inactivating Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. *Diabetes*, **2017**, 66, 2019-2032	0.9	29

489	Circulating Osteopontin and Prediction of Hepatocellular Carcinoma Development in a Large European Population. *Cancer Prevention Research*, **2016**, 9, 758-65	3.2	29
488	An epidemiological model for prediction of endometrial cancer risk in Europe. *European Journal of Epidemiology*, **2016**, 31, 51-60	12.1	29
487	Plasma alkylresorcinol concentrations, biomarkers of whole-grain wheat and rye intake, in the European Prospective Investigation into Cancer and Nutrition (EPIC) cohort. *British Journal of Nutrition*, **2014**, 111, 1881-90	3.6	29
486	Serum carbon and nitrogen stable isotopes as potential biomarkers of dietary intake and their relation with incident type 2 diabetes: the EPIC-Norfolk study. *American Journal of Clinical Nutrition*, **2014**, 100, 708-18	7	29
485	Dietary flavonoid intake and esophageal cancer risk in the European prospective investigation into cancer and nutrition cohort. *American Journal of Epidemiology*, **2013**, 178, 570-81	3.8	29
484	Menstrual and reproductive factors, exogenous hormone use, and gastric cancer risk in a cohort of women from the European Prospective Investigation Into Cancer and Nutrition. *American Journal of Epidemiology*, **2010**, 172, 1384-93	3.8	29
483	Comparison between gradient gel electrophoresis and nuclear magnetic resonance spectroscopy in estimating coronary heart disease risk associated with LDL and HDL particle size. *Clinical Chemistry*, **2010**, 56, 789-98	5.5	29
482	Metabolic dyslipidemia and risk of future coronary heart disease in apparently healthy men and women: the EPIC-Norfolk prospective population study. *International Journal of Cardiology*, **2010**, 143, 399-404	3.2	29
481	Baseline alcohol consumption, type of alcoholic beverage and risk of colorectal cancer in the European Prospective Investigation into Cancer and Nutrition-Norfolk study. *Cancer Epidemiology*, **2009**, 33, 347-54	2.8	29
480	Lifestyle behaviours and quality-adjusted life years in middle and older age. *Age and Ageing*, **2011**, 40, 589-95	3	29
479	Psychosocial factors and asthma in a community sample of older adults. *Journal of Psychosomatic Research*, **2007**, 62, 357-61	4.1	29
478	Cross-sectional association between total level and type of alcohol consumption and glycosylated haemoglobin level: the EPIC-Norfolk Study. *European Journal of Clinical Nutrition*, **2002**, 56, 882-90	5.2	29
477	Pre-diagnostic copper and zinc biomarkers and colorectal cancer risk in the European Prospective Investigation into Cancer and Nutrition cohort. *Carcinogenesis*, **2017**, 38, 699-707	4.6	28
476	Lipoprotein(a) Improves Cardiovascular Risk Prediction Based on Established Risk Algorithms. *Journal of the American College of Cardiology*, **2017**, 69, 1513-1515	15.1	28
475	The associations of major foods and fibre with risks of ischaemic and haemorrhagic stroke: a prospective study of 418 329 participants in the EPIC cohort across nine European countries. *European Heart Journal*, **2020**, 41, 2632-2640	9.5	28
474	Consumption of fruits, vegetables and fruit juices and differentiated thyroid carcinoma risk in the European Prospective Investigation into Cancer and Nutrition (EPIC) study. *International Journal of Cancer*, **2018**, 142, 449-459	7.5	28
473	Fatigue is associated with excess mortality in the general population: results from the EPIC-Norfolk study. *BMC Medicine*, **2016**, 14, 122	11.4	28
472	Job-loss and weight gain in British adults: Evidence from two longitudinal studies. *Social Science and Medicine*, **2015**, 143, 223-31	5.1	28

471	Self-reported and measured anthropometric data and risk of colorectal cancer in the EPIC-Norfolk study. *International Journal of Obesity*, **2012**, 36, 107-18	5.5	28
470	Identification of a novel percent mammographic density locus at 12q24. *Human Molecular Genetics*, **2012**, 21, 3299-305	5.6	28
469	Sequence variants in the melatonin-related receptor gene (GPR50) associate with circulating triglyceride and HDL levels. *Journal of Lipid Research*, **2006**, 47, 761-6	6.3	28
468	Descriptive epidemiology of physical activity energy expenditure in UK adults (The Fenland study). *International Journal of Behavioral Nutrition and Physical Activity*, **2019**, 16, 126	8.4	28
467	Associations between maternal physical activity in early and late pregnancy and offspring birth size: remote federated individual level meta-analysis from eight cohort studies. *BJOG: an International Journal of Obstetrics and Gynaecology*, **2019**, 126, 459-470	3.7	28
466	Genetic insights into biological mechanisms governing human ovarian ageing. *Nature*, **2021**, 596, 393-397	50.4	28
465	Accessibility and Affordability of Supermarkets: Associations With the DASH Diet. *American Journal of Preventive Medicine*, **2017**, 53, 55-62	6.1	27
464	Consumption of fatty foods and incident type 2 diabetes in populations from eight European countries. *European Journal of Clinical Nutrition*, **2015**, 69, 455-61	5.2	27
463	Leukocyte telomere length in relation to pancreatic cancer risk: a prospective study. *Cancer Epidemiology Biomarkers and Prevention*, **2014**, 23, 2447-54	4	27
462	No evidence of an increased mortality risk associated with low levels of glycated haemoglobin in a non-diabetic UK population. *Diabetologia*, **2011**, 54, 2025-32	10.3	27
461	Detailed investigation of the role of common and low-frequency WFS1 variants in type 2 diabetes risk. *Diabetes*, **2010**, 59, 741-6	0.9	27
460	Endogenous sex steroids and risk of cervical carcinoma: results from the EPIC study. *Cancer Epidemiology Biomarkers and Prevention*, **2011**, 20, 2532-40	4	27
459	How much might cardiovascular disease risk be reduced by intensive therapy in people with screen-detected diabetes?. *Diabetic Medicine*, **2008**, 25, 1433-9	3.5	27
458	Impact of follow-up time and analytical approaches to account for reverse causality on the association between physical activity and health outcomes in UK Biobank. *International Journal of Epidemiology*, **2020**, 49, 162-172	7.8	27
457	Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation. *Nature Genetics*, **2021**, 53, 1311-1321	36.3	27
456	Moderate weight change following diabetes diagnosis and 10□year incidence of cardiovascular disease and mortality. *Diabetologia*, **2019**, 62, 1391-1402	10.3	26
455	Bone mineral density and incidence of stroke: European prospective investigation into cancer-norfolk population-based study, systematic review, and meta-analysis. *Stroke*, **2014**, 45, 373-82	6.7	26
454	Exposure to bacterial products lipopolysaccharide and flagellin and hepatocellular carcinoma: a nested case-control study. *BMC Medicine*, **2017**, 15, 72	11.4	26

453	Comparison of the EPIC Physical Activity Questionnaire with combined heart rate and movement sensing in a nationally representative sample of older British adults. *PLoS ONE*, **2014**, 9, e87085	3.7	26
452	Smoking, secondhand smoke, and cotinine levels in a subset of EPIC cohort. *Cancer Epidemiology Biomarkers and Prevention*, **2011**, 20, 869-75	4	26
451	Adiponectin receptor genes: mutation screening in syndromes of insulin resistance and association studies for type 2 diabetes and metabolic traits in UK populations. *Diabetologia*, **2007**, 50, 555-62	10.3	26
450	Genetic variation in the corticotrophin-releasing factor receptors: identification of single-nucleotide polymorphisms and association studies with obesity in UK Caucasians. *International Journal of Obesity*, **2004**, 28, 442-6	5.5	26
449	Cross-sectional but not longitudinal associations between non-esterified fatty acid levels and glucose intolerance and other features of the metabolic syndrome. *Diabetic Medicine*, **1999**, 16, 1007-15	3.5	26
448	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. *Nature Genetics*, **2020**, 52, 1314-1332	36.3	26
447	Improved cardiovascular risk prediction using targeted plasma proteomics in primary prevention. *European Heart Journal*, **2020**, 41, 3998-4007	9.5	26
446	Nutritional quality of food as represented by the FSAm-NPS nutrient profiling system underlying the Nutri-Score label and cancer risk in Europe: Results from the EPIC prospective cohort study. *PLoS Medicine*, **2018**, 15, e1002651	11.6	26
445	Coffee, tea and melanoma risk: findings from the European Prospective Investigation into Cancer and Nutrition. *International Journal of Cancer*, **2017**, 140, 2246-2255	7.5	25
444	The Association between Glyceraldehyde-Derived Advanced Glycation End-Products and Colorectal Cancer Risk. *Cancer Epidemiology Biomarkers and Prevention*, **2015**, 24, 1855-63	4	25
443	Genomic analysis of diet composition finds novel loci and associations with health and lifestyle. *Molecular Psychiatry*, **2021**, 26, 2056-2069	15.1	25
442	Genetic Variants Associated With Corneal Biomechanical Properties and Potentially Conferring Susceptibility to Keratoconus in a Genome-Wide Association Study. *JAMA Ophthalmology*, **2019**, 137, 1005-1012	3.9	25
441	Low bone mineral density predicts incident heart failure in men and women: the EPIC (European Prospective Investigation into Cancer and Nutrition)-Norfolk prospective study. *JACC: Heart Failure*, **2014**, 2, 380-9	7.9	25
440	Pleiotropic effects of obesity-susceptibility loci on metabolic traits: a meta-analysis of up to 37,874 individuals. *Diabetologia*, **2013**, 56, 2134-46	10.3	25
439	Mind the gap: efficacy versus effectiveness of lifestyle interventions to prevent diabetes. *Lancet Diabetes and Endocrinology,the*, **2015**, 3, 160-1	18.1	25
438	The association between physical activity in different domains of life and risk of osteoporotic fractures. *Bone*, **2010**, 47, 693-700	4.7	25
437	Physical activity, the Framingham risk score and risk of coronary heart disease in men and women of the EPIC-Norfolk study. *Atherosclerosis*, **2010**, 209, 261-5	3.1	25
436	Association between plasma vitamin C concentrations and blood pressure in the European prospective investigation into cancer-Norfolk population-based study. *Hypertension*, **2011**, 58, 372-9	8.5	25

435	Concentrations of IGF-I and IGFBP-3 and brain tumor risk in the European Prospective Investigation into Cancer and Nutrition. *Cancer Epidemiology Biomarkers and Prevention*, **2011**, 20, 2174-82	4	25
434	Major depression, C-reactive protein, and incident ischemic heart disease in healthy men and women. *Psychosomatic Medicine*, **2008**, 70, 850-5	3.7	25
433	Association between physical activity and blood pressure is modified by variants in the G-protein coupled receptor 10. *Hypertension*, **2004**, 43, 224-8	8.5	25
432	Establishing the role of gene-environment interactions in the etiology of type 2 diabetes. *Endocrinology and Metabolism Clinics of North America*, **2002**, 31, 553-66	5.5	25
431	Hypoinsulinaemic, hypoketotic hypoglycaemia due to mosaic genetic activation of PI3-kinase. *European Journal of Endocrinology*, **2017**, 177, 175-186	6.5	24
430	Patterns and correlates of objectively measured free-living physical activity in adults in rural and urban Cameroon. *Journal of Epidemiology and Community Health*, **2015**, 69, 700-7	5.1	24
429	Association of plasma biomarkers of fruit and vegetable intake with incident type 2 diabetes: EPIC-InterAct case-cohort study in eight European countries. *BMJ, The*, **2020**, 370, m2194	5.9	24
428	Lifetime and baseline alcohol intakes and risk of pancreatic cancer in the European Prospective Investigation into Cancer and Nutrition study. *International Journal of Cancer*, **2018**, 143, 801-812	7.5	24
427	Heterogeneous impact of classic atherosclerotic risk factors on different arterial territories: the EPIC-Norfolk prospective population study. *European Heart Journal*, **2016**, 37, 880-9	9.5	24
426	Disentangling the genetics of lean mass. *American Journal of Clinical Nutrition*, **2019**, 109, 276-287	7	24
425	Pre-diagnostic polyphenol intake and breast cancer survival: the European Prospective Investigation into Cancer and Nutrition (EPIC) cohort. *Breast Cancer Research and Treatment*, **2015**, 154, 389-401	4.4	24
424	Genome-wide meta-analysis of common variant differences between men and women. *Human Molecular Genetics*, **2012**, 21, 4805-15	5.6	24
423	Dietary intake of iron, heme-iron and magnesium and pancreatic cancer risk in the European prospective investigation into cancer and nutrition cohort. *International Journal of Cancer*, **2012**, 131, E1134-47	7.5	24
422	Lipid assessment, metabolic syndrome and coronary heart disease risk. *European Journal of Clinical Investigation*, **2010**, 40, 1081-93	4.6	24
421	The Gly482Ser genotype at the PPARGC1A gene and elevated blood pressure: a meta-analysis involving 13,949 individuals. *Journal of Applied Physiology*, **2008**, 105, 1352-8	3.7	24
420	Lamin A/C polymorphisms, type 2 diabetes, and the metabolic syndrome: case-control and quantitative trait studies. *Diabetes*, **2007**, 56, 884-9	0.9	24
419	Is there really an epidemic of diabetes?. *Diabetologia*, **2005**, 48, 1454-5	10.3	24
418	Prospective Associations of Accelerometer-Measured Physical Activity and Sedentary Time With Incident Cardiovascular Disease, Cancer, and All-Cause Mortality. *Circulation*, **2020**, 141, 1113-1115	16.7	24

417	rs641738C>T near MBOAT7 is associated with liver fat, ALT and fibrosis in NAFLD: A meta-analysis. *Journal of Hepatology*, **2021**, 74, 20-30	13.4	24
416	Association of menopausal characteristics and risk of coronary heart disease: a pan-European case-cohort analysis. *International Journal of Epidemiology*, **2019**, 48, 1275-1285	7.8	23
415	Serum Endotoxins and Flagellin and Risk of Colorectal Cancer in the European Prospective Investigation into Cancer and Nutrition (EPIC) Cohort. *Cancer Epidemiology Biomarkers and Prevention*, **2016**, 25, 291-301	4	23
414	Multiple behaviour change intervention and outcomes in recently diagnosed type 2 diabetes: the ADDITION-Plus randomised controlled trial. *Diabetologia*, **2014**, 57, 1308-19	10.3	23
413	Rare coding variants and X-linked loci associated with age at menarche. *Nature Communications*, **2015**, 6, 7756	17.4	23
412	Prediagnostic intake of dairy products and dietary calcium and colorectal cancer survival--results from the EPIC cohort study. *Cancer Epidemiology Biomarkers and Prevention*, **2014**, 23, 1813-23	4	23
411	Non-HDL cholesterol vs. apo B for risk of coronary heart disease in healthy individuals: the EPIC-Norfolk prospective population study. *European Journal of Clinical Investigation*, **2013**, 43, 1009-15	4.6	23
410	Consumption of meat and fish and risk of lung cancer: results from the European Prospective Investigation into Cancer and Nutrition. *Cancer Causes and Control*, **2011**, 22, 909-18	2.8	23
409	Variety in vegetable and fruit consumption and risk of bladder cancer in the European Prospective Investigation into Cancer and Nutrition. *International Journal of Cancer*, **2011**, 128, 2971-9	7.5	23
408	The effect of including quantitative heel ultrasound in models for estimation of 10-year absolute risk of fracture. *Bone*, **2009**, 45, 180-4	4.7	23
407	Modifiable lifestyle behaviors and functional health in the European Prospective Investigation into Cancer (EPIC)-Norfolk population study. *Preventive Medicine*, **2007**, 44, 109-16	4.3	23
406	Cross Sectional and Longitudinal Associations between Cardiovascular Risk Factors and Age Related Macular Degeneration in the EPIC-Norfolk Eye Study. *PLoS ONE*, **2015**, 10, e0132565	3.7	23
405	Association between nutritional profiles of foods underlying Nutri-Score front-of-pack labels and mortality: EPIC cohort study in 10 European countries. *BMJ, The*, **2020**, 370, m3173	5.9	23
404	Dietary intake of total polyphenol and polyphenol classes and the risk of colorectal cancer in the European Prospective Investigation into Cancer and Nutrition (EPIC) cohort. *European Journal of Epidemiology*, **2018**, 33, 1063-1075	12.1	23
403	Adiposity and grip strength as long-term predictors of objectively measured physical activity in 93 015 adults: the UK Biobank study. *International Journal of Obesity*, **2017**, 41, 1361-1368	5.5	22
402	Genetic architecture of host proteins involved in SARS-CoV-2 infection. *Nature Communications*, **2020**, 11, 6397	17.4	22
401	Population and assay thresholds for the predictive value of lipoprotein (a) for coronary artery disease: the EPIC-Norfolk Prospective Population Study. *Journal of Lipid Research*, **2016**, 57, 697-705	6.3	22
400	Nutrient-wide association study of 57 foods/nutrients and epithelial ovarian cancer in the European Prospective Investigation into Cancer and Nutrition study and the Netherlands Cohort Study. *American Journal of Clinical Nutrition*, **2016**, 103, 161-7	7	22

399	The physical capability of community-based men and women from a British cohort: the European Prospective Investigation into Cancer (EPIC)-Norfolk study. *BMC Geriatrics*, **2013**, 13, 93	4.1	22
398	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. *Scientific Data*, **2017**, 4, 170179	8.2	22
397	Combined impact of lifestyle factors on prospective change in body weight and waist circumference in participants of the EPIC-PANACEA study. *PLoS ONE*, **2012**, 7, e50712	3.7	22
396	N-acetyltransferase 2 phenotype, occupation, and bladder cancer risk: results from the EPIC cohort. *Cancer Epidemiology Biomarkers and Prevention*, **2013**, 22, 2055-65	4	22
395	Variation in the eNOS gene modifies the association between total energy expenditure and glucose intolerance. *Diabetes*, **2005**, 54, 2795-801	0.9	22
394	Mediterranean diet and risk of pancreatic cancer in the European Prospective Investigation into Cancer and Nutrition cohort. *British Journal of Cancer*, **2017**, 116, 811-820	8.7	21
393	Validity and reliability of an online self-report 24-h dietary recall method (Intake24): a doubly labelled water study and repeated-measures analysis. *Journal of Nutritional Science*, **2019**, 8, e29	2.7	21
392	Associations of circulating very-long-chain saturated fatty acids and incident type 2 diabetes: a pooled analysis of prospective cohort studies. *American Journal of Clinical Nutrition*, **2019**, 109, 1216-1223	7	21
391	A treelet transform analysis to relate nutrient patterns to the risk of hormonal receptor-defined breast cancer in the European Prospective Investigation into Cancer and Nutrition (EPIC). *Public Health Nutrition*, **2016**, 19, 242-54	3.3	21
390	The association of the mitochondrial DNA OriB variant (16184-16193 polycytosine tract) with type 2 diabetes in Europid populations. *Diabetologia*, **2013**, 56, 1907-13	10.3	21
389	Distribution and determinants of C-reactive protein in the older adult population: European Prospective Investigation into Cancer-Norfolk study. *European Journal of Clinical Investigation*, **2013**, 43, 899-911	4.6	21
388	Uncorrected refractive error in older British adults: the EPIC-Norfolk Eye Study. *British Journal of Ophthalmology*, **2012**, 96, 991-6	5.5	21
387	No interactions between previously associated 2-hour glucose gene variants and physical activity or BMI on 2-hour glucose levels. *Diabetes*, **2012**, 61, 1291-6	0.9	21
386	Association of polymorphisms in GPR10, the gene encoding the prolactin-releasing peptide receptor with blood pressure, but not obesity, in a U.K. Caucasian population. *Diabetes*, **2003**, 52, 1296-9	0.9	21
385	The current and potential health benefits of the National Health Service Health Check cardiovascular disease prevention programme in England: A microsimulation study. *PLoS Medicine*, **2018**, 15, e1002517	11.6	21
384	Metformin in non-diabetic hyperglycaemia: the GLINT feasibility RCT. *Health Technology Assessment*, **2018**, 22, 1-64	4.4	21
383	Blood pressure and risk of cancer in the European Prospective Investigation into Cancer and Nutrition. *International Journal of Cancer*, **2020**, 146, 2680-2693	7.5	21
382	Plasma Vitamin C and Type 2 Diabetes: Genome-Wide Association Study and Mendelian Randomization Analysis in European Populations. *Diabetes Care*, **2021**, 44, 98-106	14.6	21

381	Genome-wide association study meta-analysis for quantitative ultrasound parameters of bone identifies five novel loci for broadband ultrasound attenuation. *Human Molecular Genetics*, **2017**, 26, 2791-2802	5.6	20
380	Mortality benefits of population-wide adherence to national physical activity guidelines: a prospective cohort study. *European Journal of Epidemiology*, **2015**, 30, 71-9	12.1	20
379	Pre-diagnostic meat and fibre intakes in relation to colorectal cancer survival in the European Prospective Investigation into Cancer and Nutrition. *British Journal of Nutrition*, **2016**, 116, 316-25	3.6	20
378	Consumption of soft drinks and juices and risk of liver and biliary tract cancers in a European cohort. *European Journal of Nutrition*, **2016**, 55, 7-20	5.2	20
377	Effect of screening for Type 2 diabetes on population-level self-rated health outcomes and measures of cardiovascular risk: 13-year follow-up of the Ely cohort. *Diabetic Medicine*, **2012**, 29, 886-92	3.5	20
376	C-reactive protein and fracture risk: European prospective investigation into Cancer Norfolk Study. *Bone*, **2013**, 56, 67-72	4.7	20
375	Reproductive factors and epithelial ovarian cancer survival in the EPIC cohort study. *British Journal of Cancer*, **2015**, 113, 1622-31	8.7	20
374	Dietary intake of carbohydrates and risk of type 2 diabetes: the European Prospective Investigation into Cancer-Norfolk study. *British Journal of Nutrition*, **2014**, 111, 342-52	3.6	20
373	Genotype-phenotype analysis of SNPs associated with primary angle closure glaucoma (rs1015213, rs3753841 and rs11024102) and ocular biometry in the EPIC-Norfolk Eye Study. *British Journal of Ophthalmology*, **2013**, 97, 704-7	5.5	20
372	Self-reported mental health-related quality of life and mortality in men and women in the European Prospective Investigation into Cancer (EPIC-Norfolk): a prospective population study. *Psychosomatic Medicine*, **2007**, 69, 410-4	3.7	20
371	Fibrinogen plasma levels modify the association between the factor XIII Val34Leu variant and risk of coronary artery disease: the EPIC-Norfolk prospective population study. *Journal of Thrombosis and Haemostasis*, **2006**, 4, 2204-9	15.4	20
370	Hypertension and its treatment influence changes in fasting nonesterified fatty acid concentrations: a link between the sympathetic nervous system and the metabolic syndrome?. *Metabolism: Clinical and Experimental*, **2000**, 49, 81-7	12.7	20
369	CA19-9 and apolipoprotein-A2 isoforms as detection markers for pancreatic cancer: a prospective evaluation. *International Journal of Cancer*, **2019**, 144, 1877-1887	7.5	20
368	Healthy lifestyle and the risk of pancreatic cancer in the EPIC study. *European Journal of Epidemiology*, **2020**, 35, 975-986	12.1	20
367	Carriers of the PCSK9 R46L Variant Are Characterized by an Antiatherogenic Lipoprotein Profile Assessed by Nuclear Magnetic Resonance Spectroscopy-Brief Report. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2017**, 37, 43-48	9.4	19
366	Alcohol consumption and the risk of renal cancers in the European prospective investigation into cancer and nutrition (EPIC). *International Journal of Cancer*, **2015**, 137, 1953-66	7.5	19
365	The EPIC-InterAct Study: A Study of the Interplay between Genetic and Lifestyle Behavioral Factors on the Risk of Type 2 Diabetes in European Populations. *Current Nutrition Reports*, **2014**, 3, 355-363	6	19
364	Influence of dietary protein intake and glycemic index on the association between TCF7L2 HapA and weight gain. *American Journal of Clinical Nutrition*, **2012**, 95, 1468-76	7	19

363	Single-nucleotide polymorphisms (5p15.33, 15q25.1, 6p22.1, 6q27 and 7p15.3) and lung cancer survival in the European Prospective Investigation into Cancer and Nutrition (EPIC). *Mutagenesis*, **2011**, 26, 657-66	2.8	19
362	Ghrelin receptor gene polymorphisms and body size in children and adults. *Journal of Clinical Endocrinology and Metabolism*, **2008**, 93, 4158-61	5.6	19
361	Does physical activity equally predict gain in fat mass among obese and nonobese young adults?. *International Journal of Obesity*, **2007**, 31, 65-71	5.5	19
360	PPARGC1A coding variation may initiate impaired NEFA clearance during glucose challenge. *Diabetologia*, **2007**, 50, 569-73	10.3	19
359	Polymorphisms in the gene encoding sterol regulatory element-binding factor-1c are associated with type 2 diabetes. *Diabetologia*, **2006**, 49, 2642-8	10.3	19
358	Childhood smoking is an independent risk factor for obstructive airways disease in women. *Thorax*, **2004**, 59, 682-6	7.3	19
357	Joint association of mammographic density adjusted for age and body mass index and polygenic risk score with breast cancer risk. *Breast Cancer Research*, **2019**, 21, 68	8.3	18
356	Genetic and In Vitro Inhibition of and Calcific Aortic Valve Stenosis. *JACC Basic To Translational Science*, **2020**, 5, 649-661	8.7	18
355	Weight change and 15 year mortality: results from the European Prospective Investigation into Cancer in Norfolk (EPIC-Norfolk) cohort study. *European Journal of Epidemiology*, **2018**, 33, 37-53	12.1	18
354	Main nutrient patterns and colorectal cancer risk in the European Prospective Investigation into Cancer and Nutrition study. *British Journal of Cancer*, **2016**, 115, 1430-1440	8.7	18
353	Association between intake of less-healthy foods defined by the United Kingdom's nutrient profile model and cardiovascular disease: A population-based cohort study. *PLoS Medicine*, **2018**, 15, e1002484	11.6	18
352	Does early intensive multifactorial therapy reduce modelled cardiovascular risk in individuals with screen-detected diabetes? Results from the ADDITION-Europe cluster randomized trial. *Diabetic Medicine*, **2014**, 31, 647-56	3.5	18
351	Homozygosity for a common polymorphism in the islet-specific promoter of the glucokinase gene is associated with a reduced early insulin response to oral glucose in pregnant women. *Diabetic Medicine*, **1997**, 14, 228-34	3.5	18
350	Past oral contraceptive and hormone therapy use and endogenous hormone concentrations in postmenopausal women. *Menopause*, **2008**, 15, 332-9	2.5	18
349	Long-term effects of intensive multifactorial therapy in individuals with screen-detected type 2 diabetes in primary care: 10-year follow-up of the ADDITION-Europe cluster-randomised trial. *Lancet Diabetes and Endocrinology,the*, **2019**, 7, 925-937	18.1	18
348	A cross-platform approach identifies genetic regulators of human metabolism and health. *Nature Genetics*, **2021**, 53, 54-64	36.3	18
347	Genetic Variation in LPA, Calcific Aortic Valve Stenosis in Patients Undergoing Cardiac Surgery, and Familial Risk of Aortic Valve Microcalcification. *JAMA Cardiology*, **2019**, 4, 620-627	16.2	17
346	Association of Plasma Vitamin D Metabolites With Incident Type 2 Diabetes: EPIC-InterAct Case-Cohort Study. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 1293-1303	5.6	17

345	Fatty acids in the de novo lipogenesis pathway and incidence of type 2 diabetes: A pooled analysis of prospective cohort studies. *PLoS Medicine*, **2020**, 17, e1003102	11.6	17
344	The association between Mediterranean Diet Score and glucokinase regulatory protein gene variation on the markers of cardiometabolic risk: an analysis in the European Prospective Investigation into Cancer (EPIC)-Norfolk study. *British Journal of Nutrition*, **2014**, 112, 122-31	3.6	17
343	Individual and cumulative effect of type 2 diabetes genetic susceptibility variants on risk of coronary heart disease. *Diabetologia*, **2011**, 54, 2283-7	10.3	17
342	Free-living physical activity energy expenditure is strongly related to glucose intolerance in Cameroonian adults independently of obesity. *Diabetes Care*, **2009**, 32, 367-9	14.6	17
341	A multilevel linear mixed model of the association between candidate genes and weight and body mass index using the Framingham longitudinal family data. *BMC Proceedings*, **2009**, 3 Suppl 7, S115	2.3	17
340	Habitual energy expenditure modifies the association between NOS3 gene polymorphisms and blood pressure. *American Journal of Hypertension*, **2008**, 21, 297-302	2.3	17
339	Habitual fish consumption and glycated haemoglobin: the EPIC-Norfolk study. *European Journal of Clinical Nutrition*, **2004**, 58, 277-84	5.2	17
338	Short-term low-dose growth hormone administration in subjects with impaired glucose tolerance and the metabolic syndrome: effects on beta-cell function and post-load glucose tolerance. *European Journal of Endocrinology*, **2004**, 151, 39-45	6.5	17
337	Estimating dose-response relationships for vitamin D with coronary heart disease, stroke, and all-cause mortality: observational and Mendelian randomisation analyses. *Lancet Diabetes and Endocrinology,the*, **2021**, 9, 837-846	18.1	17
336	A Combination of Metabolites Predicts Adherence to the Mediterranean Diet Pattern and Its Associations with Insulin Sensitivity and Lipid Homeostasis in the General Population: The Fenland Study, United Kingdom. *Journal of Nutrition*, **2020**, 150, 568-578	4.1	17
335	Consumption of individual saturated fatty acids and the risk of myocardial infarction in a UK and a Danish cohort. *International Journal of Cardiology*, **2019**, 279, 18-26	3.2	17
334	Mortality Risk Reductions from Substituting Screen Time by Discretionary Activities. *Medicine and Science in Sports and Exercise*, **2017**, 49, 1111-1119	1.2	16
333	Dairy Product Intake and Risk of Type 2 Diabetes in EPIC-InterAct: A Mendelian Randomization Study. *Diabetes Care*, **2019**, 42, 568-575	14.6	16
332	Exome Sequencing Identifies Genes and Gene Sets Contributing to Severe Childhood Obesity, Linking PHIP Variants to Repressed POMC Transcription. *Cell Metabolism*, **2020**, 31, 1107-1119.e12	24.6	16
331	Energy and macronutrient intake and risk of differentiated thyroid carcinoma in the European Prospective Investigation into Cancer and Nutrition study. *International Journal of Cancer*, **2016**, 138, 65-73	7.5	16
330	Changes in waist circumference and risk of all-cause and CVD mortality: results from the European Prospective Investigation into Cancer in Norfolk (EPIC-Norfolk) cohort study. *BMC Cardiovascular Disorders*, **2019**, 19, 238	2.3	16
329	Longitudinal associations between built environment characteristics and changes in active commuting. *BMC Public Health*, **2017**, 17, 458	4.1	16
328	Body iron status and gastric cancer risk in the EURGAST study. *International Journal of Cancer*, **2015**, 137, 2904-14	7.5	16

327	Television viewing, walking speed, and grip strength in a prospective cohort study. *Medicine and Science in Sports and Exercise*, **2015**, 47, 735-42	1.2	16
326	Chemokine ligand 2 genetic variants, serum monocyte chemoattractant protein-1 levels, and the risk of coronary artery disease. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2010**, 30, 1460-6	9.4	16
325	Adult stature and diabetes complications in patients with type 1 diabetes: the FinnDiane Study and the diabetes control and complications trial. *Diabetes*, **2009**, 58, 1914-20	0.9	16
324	Epidemiological study designs to investigate gene-behavior interactions in the context of human obesity. *Obesity*, **2008**, 16 Suppl 3, S66-71	8	16
323	The associations of longitudinal changes in consumption of total and types of dairy products and markers of metabolic risk and adiposity: findings from the European Investigation into Cancer and Nutrition (EPIC)-Norfolk study, United Kingdom. *American Journal of Clinical Nutrition*, **2020**, 111, 1018-1026	7	16
322	Agnostic Pathway/Gene Set Analysis of Genome-Wide Association Data Identifies Associations for Pancreatic Cancer. *Journal of the National Cancer Institute*, **2019**, 111, 557-567	9.7	16
321	Meat and fish consumption and the risk of renal cell carcinoma in the European prospective investigation into cancer and nutrition. *International Journal of Cancer*, **2015**, 136, E423-31	7.5	15
320	Baseline anticholinergic burden from medications predicts incident fatal and non-fatal stroke in the EPIC-Norfolk general population. *International Journal of Epidemiology*, **2018**, 47, 625-633	7.8	15
319	Physical capability predicts mortality in late mid-life as well as in old age: Findings from a large British cohort study. *Archives of Gerontology and Geriatrics*, **2018**, 74, 77-82	4	15
318	Sociodemographic, lifestyle and behavioural factors associated with consumption of sweetened beverages among adults in Cambridgeshire, UK: the Fenland Study. *Public Health Nutrition*, **2017**, 20, 2766-2777	3.3	15
317	Effects of aerobic exercise on muscle strength and physical performance in community-dwelling older people from the Hertfordshire cohort study: a randomized controlled trial. *Journal of the American Geriatrics Society*, **2013**, 61, 1034-6	5.6	15
316	Evaluation of common genetic variants identified by GWAS for early onset and morbid obesity in population-based samples. *International Journal of Obesity*, **2013**, 37, 191-6	5.5	15
315	Fish consumption does not prevent increase in waist circumference in European women and men. *British Journal of Nutrition*, **2012**, 108, 924-31	3.6	15
314	Physical activity energy expenditure may mediate the relationship between plasma leptin levels and worsening insulin resistance independently of adiposity. *Journal of Applied Physiology*, **2007**, 102, 1921-6	3.7	15
313	Physical activity and mammographic breast density in the EPIC-Norfolk cohort study. *American Journal of Epidemiology*, **2008**, 167, 579-85	3.8	15
312	Smoking predicts long-term mortality in stroke: The European Prospective Investigation into Cancer (EPIC)-Norfolk prospective population study. *Preventive Medicine*, **2006**, 42, 128-31	4.3	15
311	Relationship of the duration of the chronic phase in chronic granulocytic leukaemia to the need for treatment during the first year after diagnosis. *Cancer Chemotherapy and Pharmacology*, **1982**, 8, 205-10	3.5	15
310	The association between circulating 25-hydroxyvitamin D metabolites and type 2 diabetes in European populations: A meta-analysis and Mendelian randomisation analysis. *PLoS Medicine*, **2020**, 17, e1003394	11.6	15

309	Metabolic perturbations prior to hepatocellular carcinoma diagnosis: Findings from a prospective observational cohort study. *International Journal of Cancer*, **2021**, 148, 609-625	7.5	15
308	Diabetes Mellitus, Glycemic Traits, and Cerebrovascular Disease: A Mendelian Randomization Study. *Neurology*, **2021**, 96, e1732-e1742	6.5	15
307	Dietary and lifestyle determinants of acrylamide and glycidamide hemoglobin adducts in non-smoking postmenopausal women from the EPIC cohort. *European Journal of Nutrition*, **2017**, 56, 1157-1168	5.2	14
306	A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. *Human Molecular Genetics*, **2019**, 28, 2615-2633	5.6	14
305	Dietary intake of acrylamide and epithelial ovarian cancer risk in the european prospective investigation into cancer and nutrition (EPIC) cohort. *Cancer Epidemiology Biomarkers and Prevention*, **2015**, 24, 291-7	4	14
304	Gender and the double burden of economic and social disadvantages on healthy eating: cross-sectional study of older adults in the EPIC-Norfolk cohort. *BMC Public Health*, **2015**, 15, 692	4.1	14
303	Association of Long-term Exposure to Elevated Lipoprotein(a) Levels With Parental Life Span, Chronic Disease-Free Survival, and Mortality Risk: A Mendelian Randomization Analysis. *JAMA Network Open*, **2020**, 3, e200129	10.4	14
302	A pragmatic and scalable strategy using mobile technology to promote sustained lifestyle changes to prevent type 2 diabetes in India and the UK: a randomised controlled trial. *Diabetologia*, **2020**, 63, 486-496	10.3	14
301	Interplay between genetic predisposition, macronutrient intake and type 2 diabetes incidence: analysis within EPIC-InterAct across eight European countries. *Diabetologia*, **2018**, 61, 1325-1332	10.3	14
300	Perceived and Objectively Measured Environmental Correlates of Domain-Specific Physical Activity in Older English Adults. *Journal of Aging and Physical Activity*, **2016**, 24, 599-616	1.6	14
299	Main nutrient patterns are associated with prospective weight change in adults from 10 European countries. *European Journal of Nutrition*, **2016**, 55, 2093-104	5.2	14
298	Estimating the potential population impact of stepwise screening strategies for identifying and treating individuals at high risk of Type 2 diabetes: a modelling study. *Diabetic Medicine*, **2012**, 29, 893-904	3.5	14
297	Cost-effectiveness of intensive multifactorial treatment compared with routine care for individuals with screen-detected Type 2 diabetes: analysis of the ADDITION-UK cluster-randomized controlled trial. *Diabetic Medicine*, **2015**, 32, 907-19	3.5	14
296	The Systematic COronary Risk Evaluation (SCORE) in a large UK population: 10-year follow-up in the EPIC-Norfolk prospective population study. *European Journal of Preventive Cardiology*, **2015**, 22, 119-26	3.9	14
295	Risk scores for predicting type 2 diabetes: comparing axes and spades. *Diabetologia*, **2011**, 54, 994-5	10.3	14
294	No association between APOE and major depressive disorder in a community sample of 17,507 adults. *Journal of Psychiatric Research*, **2009**, 43, 843-7	5.2	14
293	Associations of common genetic variants with age-related changes in fasting and postload glucose: evidence from 18 years of follow-up of the Whitehall II cohort. *Diabetes*, **2011**, 60, 1617-23	0.9	14
292	Cross-sectional association between fish consumption and albuminuria: the European Prospective Investigation of Cancer-Norfolk Study. *American Journal of Kidney Diseases*, **2008**, 52, 876-86	7.4	14

291	PARL Leu262Val is not associated with fasting insulin levels in UK populations. *Diabetologia*, **2006**, 49, 2649-52	10.3	14
290	Plasma metabolites to profile pathways in noncommunicable disease multimorbidity. *Nature Medicine*, **2021**, 27, 471-479	50.5	14
289	Flavonoid and lignan intake and pancreatic cancer risk in the European prospective investigation into cancer and nutrition cohort. *International Journal of Cancer*, **2016**, 139, 1480-92	7.5	14
288	Ascorbic acid metabolites are involved in intraocular pressure control in the general population. *Redox Biology*, **2019**, 20, 349-353	11.3	14
287	Validity of ultrasonography to assess hepatic steatosis compared to magnetic resonance spectroscopy as a criterion method in older adults. *PLoS ONE*, **2018**, 13, e0207923	3.7	14
286	Physical activity, mediating factors and risk of colon cancer: insights into adiposity and circulating biomarkers from the EPIC cohort. *International Journal of Epidemiology*, **2017**, 46, 1823-1835	7.8	13
285	Specific physical activities, sedentary behaviours and sleep as long-term predictors of accelerometer-measured physical activity in 91,648 adults: a prospective cohort study. *International Journal of Behavioral Nutrition and Physical Activity*, **2019**, 16, 41	8.4	13
284	Baseline and lifetime alcohol consumption and risk of differentiated thyroid carcinoma in the EPIC study. *British Journal of Cancer*, **2015**, 113, 840-7	8.7	13
283	Circulating Fetuin-A and Risk of Type 2 Diabetes: A Mendelian Randomization Analysis. *Diabetes*, **2018**, 67, 1200-1205	0.9	13
282	Estimated Substitution of Tea or Coffee for Sugar-Sweetened Beverages Was Associated with Lower Type 2 Diabetes Incidence in Case-Cohort Analysis across 8 European Countries in the EPIC-InterAct Study. *Journal of Nutrition*, **2019**, 149, 1985-1993	4.1	13
281	Effect of early intensive multifactorial therapy compared with routine care on self-reported health status, general well-being, diabetes-specific quality of life and treatment satisfaction in screen-detected type 2 diabetes mellitus patients (ADDITION-Europe): a cluster-randomised trial. *Diabetologia*, **2013**, 56, 2367	10.3	13
280	Tinned fruit consumption and mortality in three prospective cohorts. *PLoS ONE*, **2015**, 10, e0117796	3.7	13
279	Does early intensive multifactorial treatment reduce total cardiovascular burden in individuals with screen-detected diabetes? Findings from the ADDITION-Europe cluster-randomized trial. *Diabetic Medicine*, **2012**, 29, e409-16	3.5	13
278	Association between serotonin 5-HT-2C receptor gene (HTR2C) polymorphisms and obesity- and mental health-related phenotypes in a large population-based cohort. *International Journal of Obesity*, **2010**, 34, 1028-33	5.5	13
277	PPARGC1A sequence variation and cardiovascular risk-factor levels: a study of the main genetic effects and gene x environment interactions in children from the European Youth Heart Study. *Diabetologia*, **2009**, 52, 609-13	10.3	13
276	Prospective study on physical activity and risk of in situ breast cancer. *Cancer Epidemiology Biomarkers and Prevention*, **2012**, 21, 2209-19	4	13
275	The association of education with long-term weight change in the EPIC-PANACEA cohort. *European Journal of Clinical Nutrition*, **2012**, 66, 957-63	5.2	13
274	Whole genome-amplified DNA: insights and imputation. *Nature Methods*, **2008**, 5, 279-80	21.6	13

273	Physical activity and fibrinogen concentrations in 23,201 men and women in the EPIC-Norfolk population-based study. *Atherosclerosis*, **2008**, 198, 419-25	3.1	13
272	The association between free fatty acid concentrations and triglyceride-rich lipoproteins in the post-prandial state is altered by a common deletion polymorphism of the apo B signal peptide. *Atherosclerosis*, **1996**, 127, 35-42	3.1	13
271	Ranking and characterization of established BMI and lipid associated loci as candidates for gene-environment interactions. *PLoS Genetics*, **2017**, 13, e1006812	6	13
270	Insights into genetic variants associated with NASH-fibrosis from metabolite profiling. *Human Molecular Genetics*, **2020**, 29, 3451-3463	5.6	13
269	Implications of COVID-19 control measures for diet and physical activity, and lessons for addressing other pandemics facing rapidly urbanising countries. *Global Health Action*, **2020**, 13, 1810415	3	13
268	Exome-Derived Adiponectin-Associated Variants Implicate Obesity and Lipid Biology. *American Journal of Human Genetics*, **2019**, 105, 15-28	11	12
267	MicroRNA-196a links human body fat distribution to adipose tissue extracellular matrix composition. *EBioMedicine*, **2019**, 44, 467-475	8.8	12
266	Association of Selenoprotein and Selenium Pathway Genotypes with Risk of Colorectal Cancer and Interaction with Selenium Status. *Nutrients*, **2019**, 11,	6.7	12
265	Variation in the SLC23A1 gene does not influence cardiometabolic outcomes to the extent expected given its association with L-ascorbic acid. *American Journal of Clinical Nutrition*, **2015**, 101, 202-9	7	12
264	Novel genetic loci associated with long-term deterioration in blood lipid concentrations and coronary artery disease in European adults. *International Journal of Epidemiology*, **2017**, 46, 1211-1222	7.8	12
263	Predicting admissions and time spent in hospital over a decade in a population-based record linkage study: the EPIC-Norfolk cohort. *BMJ Open*, **2016**, 6, e009461	3	12
262	Dietary vitamin D intake and risk of type 2 diabetes in the European Prospective Investigation into Cancer and Nutrition: the EPIC-InterAct study. *European Journal of Clinical Nutrition*, **2014**, 68, 196-202	5.2	12
261	Commentary: physical activity and obesity; scientific uncertainty and the art of public health messaging. *International Journal of Epidemiology*, **2013**, 42, 1843-5	7.8	12
260	Plasma fetuin-A concentration, genetic variation in the AHSG gene and risk of colorectal cancer. *International Journal of Cancer*, **2015**, 137, 911-20	7.5	12
259	Plasma vitamin C and risk of hospitalisation with diagnosis of atrial fibrillation in men and women in EPIC-Norfolk prospective study. *International Journal of Cardiology*, **2014**, 177, 830-5	3.2	12
258	Testosterone, SHBG and differential white blood cell count in middle-aged and older men. *Maturitas*, **2012**, 71, 274-8	5	12
257	Fish consumption and subsequent change in body weight in European women and men. *British Journal of Nutrition*, **2013**, 109, 353-62	3.6	12
256	The association between dietary energy density and type 2 diabetes in Europe: results from the EPIC-InterAct Study. *PLoS ONE*, **2013**, 8, e59947	3.7	12

255	Physical functional health predicts the incidence of coronary heart disease in the European Prospective Investigation into Cancer-Norfolk prospective population-based study. *International Journal of Epidemiology*, **2010**, 39, 996-1003	7.8	12
254	How far can we explain the social class differential in respiratory function? A cross-sectional population study of 21,991 men and women from EPIC-Norfolk. *European Journal of Epidemiology*, **2009**, 24, 193-201	12.1	12
253	Association between dietary phyto-oestrogens and bone density in men and postmenopausal women. *British Journal of Nutrition*, **2011**, 106, 1063-9	3.6	12
252	Genomic variants at the PINK1 locus are associated with transcript abundance and plasma nonesterified fatty acid concentrations in European whites. *FASEB Journal*, **2008**, 22, 3135-45	0.9	12
251	Effect of age on the relationship of occupational social class with prevalence of modifiable cardiovascular risk factors and cardiovascular diseases. A population-based cross-sectional study from European Prospective Investigation into Cancer - Norfolk (EPIC-Norfolk). *Gerontology*, **2006**, 52, 51-8	5.5	12
250	INS VNTR class genotype and indexes of body size and obesity: population-based studies of 7,999 middle-aged men and women. *Diabetes*, **2005**, 54, 2812-5	0.9	12
249	n-3 Fatty Acid Biomarkers and Incident Type 2 Diabetes: An Individual Participant-Level Pooling Project of 20 Prospective Cohort Studies. *Diabetes Care*, **2021**, 44, 1133-1142	14.6	12
248	Circulating concentrations of vitamin D in relation to pancreatic cancer risk in European populations. *International Journal of Cancer*, **2018**, 142, 1189-1201	7.5	12
247	Plasma vitamin C concentrations and risk of incident respiratory diseases and mortality in the European Prospective Investigation into Cancer-Norfolk population-based cohort study. *European Journal of Clinical Nutrition*, **2019**, 73, 1492-1500	5.2	11
246	Reply to H Pareja-Galeano et al. *American Journal of Clinical Nutrition*, **2015**, 101, 1101	7	11
245	Inverse association between bone mineral density and risk of aortic stenosis in men and women in EPIC-Norfolk prospective study. *International Journal of Cardiology*, **2015**, 178, 29-30	3.2	11
244	Interleukin-18 as a drug repositioning opportunity for inflammatory bowel disease: A Mendelian randomization study. *Scientific Reports*, **2019**, 9, 9386	4.9	11
243	The descriptive epidemiology of the diurnal profile of bouts and breaks in sedentary time in older English adults. *International Journal of Epidemiology*, **2017**, 46, 1871-1881	7.8	11
242	Non-diabetic hyperglycaemia and cardiovascular risk: moving beyond categorisation to individual interpretation of absolute risk. *Diabetologia*, **2011**, 54, 291-9	10.3	11
241	Fibre intake in relation to serum total cholesterol levels and CHD risk: a comparison of dietary assessment methods. *European Journal of Clinical Nutrition*, **2012**, 66, 296-304	5.2	11
240	Screening for coeliac disease: what evidence is required before population programmes could be considered?. *Archives of Disease in Childhood*, **2004**, 89, 499-500	2.2	11
239	Hormone replacement therapy and glucose tolerance in EPIC-Norfolk: a population-based study. *Diabetes/Metabolism Research and Reviews*, **2000**, 16, 20-5	7.5	11
238	Is platelet phospholipid-dependent thrombin generation altered by acute myocardial infarction or aspirin?. *Thrombosis Research*, **1996**, 83, 329-38	8.2	11

237	Mapping the proteo-genomic convergence of human diseases. *Science*, **2021**, 374, eabj1541	33.3	11
236	A randomised trial of the effect and cost-effectiveness of early intensive multifactorial therapy on 5-year cardiovascular outcomes in individuals with screen-detected type 2 diabetes: the Anglo-Danish-Dutch Study of Intensive Treatment in People with Screen-Detected Diabetes in Primary Care (ADDITION-Europe) study. *Health Technology Assessment*, **2016**, 20, 1-86	4.4	11
235	Meta-analysis investigating the role of interleukin-6 mediated inflammation in type 2 diabetes. *EBioMedicine*, **2020**, 61, 103062	8.8	11
234	The potential shared role of inflammation in insulin resistance and schizophrenia: A bidirectional two-sample mendelian randomization study. *PLoS Medicine*, **2021**, 18, e1003455	11.6	11
233	Interaction of Dietary and Genetic Factors Influencing Body Iron Status and Risk of Type 2 Diabetes Within the EPIC-InterAct Study. *Diabetes Care*, **2018**, 41, 277-285	14.6	11
232	Consumption of Fish Is Not Associated with Risk of Differentiated Thyroid Carcinoma in the European Prospective Investigation into Cancer and Nutrition (EPIC) Study. *Journal of Nutrition*, **2017**, 147, 1366-1373	4.1	10
231	Glycemic index, glycemic load, and risk of coronary heart disease: a pan-European cohort study. *American Journal of Clinical Nutrition*, **2020**, 112, 631-643	7	10
230	Habitual chocolate consumption and the risk of incident heart failure among healthy men and women. *Nutrition, Metabolism and Cardiovascular Diseases*, **2016**, 26, 722-34	4.5	10
229	Life© simple 7 and calcific aortic valve stenosis incidence in apparently healthy men and women. *International Journal of Cardiology*, **2018**, 269, 226-228	3.2	10
228	Dietary fat intake and risk of epithelial ovarian cancer in the European Prospective Investigation into Cancer and Nutrition. *Cancer Epidemiology*, **2014**, 38, 528-37	2.8	10
227	Constitutive Activation of AKT2 in Humans Leads to Hypoglycemia Without Fatty Liver or Metabolic Dyslipidemia. *Journal of Clinical Endocrinology and Metabolism*, **2017**, 102, 2914-2921	5.6	10
226	Change in cardiovascular risk factors following early diagnosis of type 2 diabetes: a cohort analysis of a cluster-randomised trial. *British Journal of General Practice*, **2014**, 64, e208-16	1.6	10
225	Modification of genetic influences on adiposity between 36 and 63 years of age by physical activity and smoking in the 1946 British Birth Cohort Study. *Nutrition and Diabetes*, **2014**, 4, e136	4.7	10
224	Leptin levels in children and adults with classic galactosaemia. *JIMD Reports*, **2013**, 9, 125-131	1.9	10
223	Variation in genes coding for AMP-activated protein kinase (AMPK) and breast cancer risk in the European Prospective Investigation on Cancer (EPIC). *Breast Cancer Research and Treatment*, **2011**, 127, 761-7	4.4	10
222	A simple risk score using routine data for predicting cardiovascular disease in primary care. *British Journal of General Practice*, **2010**, 60, e327-34	1.6	10
221	Analysis of TBC1D4 in patients with severe insulin resistance. *Diabetologia*, **2010**, 53, 1239-42	10.3	10
220	Studies of the neuromedin U-2 receptor gene in human obesity: evidence for the existence of two ancestral forms of the receptor. *Journal of Endocrinology*, **2004**, 183, 115-20	4.7	10

219	The effect of varying the screening interval on false positives and duration of undiagnosed disease in a screening programme for type 2 diabetes. *Journal of Medical Screening*, **2000**, 7, 91-6	1.4	10
218	A common apolipoprotein B signal peptide polymorphism modifies the relation between plasma non-esterified fatty acids and triglyceride concentration in men. *Atherosclerosis*, **2000**, 152, 9-17	3.1	10
217	Replacement of Red and Processed Meat With Other Food Sources of Protein and the Risk of Type 2 Diabetes in European Populations: The EPIC-InterAct Study. *Diabetes Care*, **2020**, 43, 2660-2667	14.6	10
216	Genetic Studies of Leptin Concentrations Implicate Leptin in the Regulation of Early Adiposity. *Diabetes*, **2020**, 69, 2806-2818	0.9	10
215	Genome-wide meta-analysis of muscle weakness identifies 15 susceptibility loci in older men and women. *Nature Communications*, **2021**, 12, 654	17.4	10
214	A Common Glaucoma-risk Variant of SIX6 Alters Retinal Nerve Fiber Layer and Optic Disc Measures in a European Population: The EPIC-Norfolk Eye Study. *Journal of Glaucoma*, **2018**, 27, 743-749	2.1	10
213	Associations between body mass index-related genetic variants and adult body composition: The Fenland cohort study. *International Journal of Obesity*, **2017**, 41, 613-619	5.5	9
212	Evaluation of (-)-epicatechin metabolites as recovery biomarker of dietary flavan-3-ol intake. *Scientific Reports*, **2019**, 9, 13108	4.9	9
211	Associations of active commuting with body fat and visceral adipose tissue: A cross-sectional population based study in the UK. *Preventive Medicine*, **2018**, 106, 86-93	4.3	9
210	Changes in physical activity and modelled cardiovascular risk following diagnosis of diabetes: 1-year results from the ADDITION-Cambridge trial cohort. *Diabetic Medicine*, **2013**, 30, 233-8	3.5	9
209	A latent variable partial least squares path modeling approach to regional association and polygenic effect with applications to a human obesity study. *PLoS ONE*, **2012**, 7, e31927	3.7	9
208	Genetic variability of the mTOR pathway and prostate cancer risk in the European Prospective Investigation on Cancer (EPIC). *PLoS ONE*, **2011**, 6, e16914	3.7	9
207	Respiratory function as a marker of bone health and fracture risk in an older population. *Journal of Bone and Mineral Research*, **2009**, 24, 956-63	6.3	9
206	NOS3 variants, physical activity, and blood pressure in the European Youth Heart Study. *American Journal of Hypertension*, **2011**, 24, 444-50	2.3	9
205	Cardiovascular risk reduction following diagnosis of diabetes by screening: 1-year results from the ADDITION-Cambridge trial cohort. *British Journal of General Practice*, **2012**, 62, e396-402	1.6	9
204	Tissue factor serum levels and the risk of future coronary artery disease in apparently healthy men and women: the EPIC-Norfolk prospective population study. *Journal of Thrombosis and Haemostasis*, **2006**, 4, 2391-6	15.4	9
203	Role of insulin and proinsulin in diabetic vascular disease. *Metabolism: Clinical and Experimental*, **1995**, 44, 76-82	12.7	9
202	MC3R links nutritional state to childhood growth and the timing of puberty. *Nature*, **2021**, 599, 436-441	50.4	9

201	Cross-platform proteomics to advance genetic prioritisation strategies		9
200	Fracture Risk in Relation to Serum 25-Hydroxyvitamin D and Physical Activity: Results from the EPIC-Norfolk Cohort Study. *PLoS ONE*, **2016**, 11, e0164160	3·7	9
199	Cellular immune activity biomarker neopterin is associated hyperlipidemia: results from a large population-based study. *Immunity and Ageing*, **2016**, 13, 5	9·7	9
198	Risk factors for herpes simplex virus type-1 infection and reactivation: Cross-sectional studies among EPIC-Norfolk participants. *PLoS ONE*, **2019**, 14, e0215553	3·7	8
197	A pragmatic and scalable strategy using mobile technology to promote sustained lifestyle changes to prevent type 2 diabetes in India-Outcome of screening. *Diabetes Research and Clinical Practice*, **2015**, 110, 335-40	7.4	8
196	Estimating physical activity from self-reported behaviours in large-scale population studies using network harmonisation: findings from UK Biobank and associations with disease outcomes. *International Journal of Behavioral Nutrition and Physical Activity*, **2020**, 17, 40	8.4	8
195	Changes in behaviors after diagnosis of type 2 diabetes and 10-year incidence of cardiovascular disease and mortality. *Cardiovascular Diabetology*, **2019**, 18, 98	8.7	8
194	Phenome-wide association analysis of LDL-cholesterol lowering genetic variants in PCSK9. *BMC Cardiovascular Disorders*, **2019**, 19, 240	2.3	8
193	Lipoprotein receptor-related protein 1 variants and dietary fatty acids: meta-analysis of European origin and African American studies. *International Journal of Obesity*, **2013**, 37, 1211-20	5·5	8
192	No association between polymorphisms in the INSIG1 gene and the risk of type 2 diabetes and related traits. *American Journal of Clinical Nutrition*, **2010**, 92, 252-7	7	8
191	Estimation of absolute fracture risk among middle-aged and older men and women: the EPIC-Norfolk population cohort study. *European Journal of Epidemiology*, **2009**, 24, 259-66	12.1	8
190	Is an exaggerated postprandial triglyceride response associated with the component features of the insulin resistance syndrome?. *Diabetic Medicine*, **1997**, 14, 942-50	3·5	8
189	Prospective study of insulin-like growth factor-I, insulin-like growth factor-binding protein 3, genetic variants in the IGF1 and IGFBP3 genes and risk of coronary artery disease. *International Journal of Molecular Epidemiology and Genetics*, **2011**, 2, 261-85	0.9	8
188	Cross-platform genetic discovery of small molecule products of metabolism and application to clinical outcomes		8
187	Autoimmunity plays a role in the onset of diabetes after 40 years of age. *Diabetologia*, **2020**, 63, 266-277	10.3	8
186	The global diet and activity research (GDAR) network: a global public health partnership to address upstream NCD risk factors in urban low and middle-income contexts. *Globalization and Health*, **2020**, 16, 100	10	8
185	Consumption of nuts and seeds and pancreatic ductal adenocarcinoma risk in the European Prospective Investigation into Cancer and Nutrition. *International Journal of Cancer*, **2020**, 146, 76-84	7·5	8
184	Descriptive epidemiology of changes in objectively measured sedentary behaviour and physical activity: six-year follow-up of the EPIC-Norfolk cohort. *International Journal of Behavioral Nutrition and Physical Activity*, **2018**, 15, 122	8.4	8

183	Impact of cholesterol on proinflammatory monocyte production by the bone marrow. *European Heart Journal*, **2021**, 42, 4309-4320	9.5	8
182	Changes in plasma phospholipid fatty acid profiles over 13 years and correlates of change: European Prospective Investigation into Cancer and Nutrition-Norfolk Study. *American Journal of Clinical Nutrition*, **2019**, 109, 1527-1534	7	7
181	Is the adiposity-associated FTO gene variant related to all-cause mortality independent of adiposity? Meta-analysis of data from 169,551 Caucasian adults. *Obesity Reviews*, **2015**, 16, 327-340	10.6	7
180	Association of FADS1/2 Locus Variants and Polyunsaturated Fatty Acids With Aortic Stenosis. *JAMA Cardiology*, **2020**, 5, 694-702	16.2	7
179	apoB/apoA-I Ratio and Lp(a) Associations With Aortic Valve Stenosis Incidence: Insights From the EPIC-Norfolk Prospective Population Study. *Journal of the American Heart Association*, **2019**, 8, e013020	6	7
178	Plasma cotinine levels and pancreatic cancer in the EPIC cohort study. *International Journal of Cancer*, **2012**, 131, 997-1002	7.5	7
177	The diagnosis and classification of diabetes mellitus in nonpregnant adults. *Primary Care - Clinics in Office Practice*, **1999**, 26, 755-70	2.2	7
176	Resting heart rate as a biomarker for tracking change in cardiorespiratory fitness of UK adults: The Fenland Study		7
175	Hypertriglyceridaemia in subjects with normal and abnormal glucose tolerance: relative contributions of insulin secretion, insulin resistance and suppression of plasma non-esterified fatty acids **1994**, 37, 889		7
174	Use of Medications with Anticholinergic Properties and the Long-Term Risk of Hospitalization for Falls and Fractures in the EPIC-Norfolk Longitudinal Cohort Study. *Drugs and Aging*, **2020**, 37, 105-114	4.7	7
173	Genome-wide association analysis of type 2 diabetes in the EPIC-InterAct study. *Scientific Data*, **2020**, 7, 393	8.2	7
172	Plasma trimethylamine N-oxide (TMAO) levels predict future risk of coronary artery disease in apparently healthy individuals in the EPIC-Norfolk prospective population study. *American Heart Journal*, **2021**, 236, 80-86	4.9	7
171	Coffee and tea drinking in relation to the risk of differentiated thyroid carcinoma: results from the European Prospective Investigation into Cancer and Nutrition (EPIC) study. *European Journal of Nutrition*, **2019**, 58, 3303-3312	5.2	7
170	Mitochondrial DNA Copy-Number Variation and Pancreatic Cancer Risk in the Prospective EPIC Cohort. *Cancer Epidemiology Biomarkers and Prevention*, **2020**, 29, 681-686	4	7
169	Circulating insulin-like growth factor I in relation to melanoma risk in the European prospective investigation into cancer and nutrition. *International Journal of Cancer*, **2019**, 144, 957-966	7.5	7
168	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation.. *Nature Genetics*, **2022**,	36.3	7
167	Measured Adiposity in Relation to Head and Neck Cancer Risk in the European Prospective Investigation into Cancer and Nutrition. *Cancer Epidemiology Biomarkers and Prevention*, **2017**, 26, 895-904	4	6
166	Longitudinal associations between marine omega-3 supplement users and coronary heart disease in a UK population-based cohort. *BMJ Open*, **2017**, 7, e017471	3	6

165	Long-term mortality of hospitalized pneumonia in the EPIC-Norfolk cohort. *Epidemiology and Infection*, **2016**, 144, 803-9	4.3	6
164	Nonsteroidal anti-inflammatory drug use and breast cancer risk in a European prospective cohort study. *International Journal of Cancer*, **2018**, 143, 1688-1695	7.5	6
163	Validation of the Systematic COronary Risk Evaluation - Older Persons (SCORE-OP) in the EPIC-Norfolk prospective population study. *International Journal of Cardiology*, **2019**, 293, 226-230	3.2	6
162	Change in HbA1c over 3 years does not improve the prediction of cardiovascular disease over and above HbA1c measured at a single time point. *Diabetologia*, **2013**, 56, 1004-11	10.3	6
161	Prediagnostic circulating concentrations of plasma insulin-like growth factor-I and risk of lymphoma in the European Prospective Investigation into Cancer and Nutrition. *International Journal of Cancer*, **2017**, 140, 1111-1118	7.5	6
160	A low-frequency variant in MAPK14 provides mechanistic evidence of a link with myeloperoxidase: a prognostic cardiovascular risk marker. *Journal of the American Heart Association*, **2014**, 3,	6	6
159	Relationship between plasma fibrinogen and fiber intake in the EPIC-Norfolk cohort. *European Journal of Clinical Nutrition*, **2012**, 66, 443-51	5.2	6
158	Commentary: obesity is not a newly recognized public health problem--a commentary of Breslow⊡ 1952 paper on ⊡ublic health aspects of weight control⊡*International Journal of Epidemiology*, **2006**, 35, 14-6	7.8	6
157	Commentary: Measuring physical activity in Sub-Saharan Africa. *International Journal of Epidemiology*, **2001**, 30, 1369-70	7.8	6
156	Cross Sectional Associations between Socio-Demographic Factors and Cognitive Performance in an Older British Population: The European Investigation of Cancer in Norfolk (EPIC-Norfolk) Study. *PLoS ONE*, **2016**, 11, e0166779	3.7	6
155	Associations of Total Legume, Pulse, and Soy Consumption with Incident Type 2 Diabetes: Federated Meta-Analysis of 27 Studies from Diverse World Regions. *Journal of Nutrition*, **2021**, 151, 1231-1240	4.1	6
154	Repeat Cardiovascular Risk Assessment after Four Years: Is There Improvement in Risk Prediction?. *PLoS ONE*, **2016**, 11, e0147417	3.7	6
153	Body mass index and body fat distribution and new-onset atrial fibrillation: Substudy of the European Prospective Investigation into Cancer and Nutrition in Norfolk (EPIC-Norfolk) study. *Nutrition, Metabolism and Cardiovascular Diseases*, **2019**, 29, 692-700	4.5	5
152	FEV1 and total Cardiovascular mortality and morbidity over an 18 years follow-up Population-Based Prospective EPIC-NORFOLK Study. *BMC Public Health*, **2019**, 19, 501	4.1	5
151	Inverse association of HbA1c with faecal elastase 1 in people without diabetes. *Pancreatology*, **2015**, 15, 620-5	3.8	5
150	A gene-centric study of common carotid artery remodelling. *Atherosclerosis*, **2013**, 226, 440-6	3.1	5
149	Prevalence and Regional Distribution of Autoantibodies Against GAD65Ab in a European Population Without Diabetes: The EPIC-InterAct Study. *Diabetes Care*, **2015**, 38, e114-5	14.6	5
148	Cod liver oil supplement consumption and health: cross-sectional results from the EPIC-Norfolk cohort study. *Nutrients*, **2014**, 6, 4320-37	6.7	5

147	Changes in diet, cardiovascular risk factors and modelled cardiovascular risk following diagnosis of diabetes: 1-year results from the ADDITION-Cambridge trial cohort. *Diabetic Medicine*, **2014**, 31, 148-55	3.5	5
146	The Short-Form Six-Dimension utility index predicted mortality in the European Prospective Investigation into Cancer-Norfolk prospective population-based study. *Journal of Clinical Epidemiology*, **2010**, 63, 192-8	5.7	5
145	Factor VII, blood lipids and fat intake: gene-nutrient interaction and risk of coronary heart disease with the factor VII R353Q polymorphism. *European Journal of Clinical Nutrition*, **2009**, 63, 771-7	5.2	5
144	Plasma phospholipid long-chain n-3 polyunsaturated fatty acids and body weight change. *Obesity Facts*, **2011**, 4, 312-8	5.1	5
143	Physical Activity and Insulin Resistance **2005**, 317-400		5
142	Network Harmonization of Physical Activity Variables Through Indirect Validation. *Journal for the Measurement of Physical Behaviour*, **2020**, 3, 8-18	2.3	5
141	Synergistic insights into human health from aptamer- and antibody-based proteomic profiling. *Nature Communications*, **2021**, 12, 6822	17.4	5
140	Genetic architecture of host proteins interacting with SARS-CoV-2 **2020**,		5
139	SelfHAR **2021**, 5, 1-30		5
138	Genome-wide association reveals that common genetic variation in the kallikrein-kinin system is associated with serum L-arginine levels. *Thrombosis and Haemostasis*, **2016**, 116, 1041-1049	7	5
137	Cumulative social risk exposure in childhood and smoking and excessive alcohol use in adulthood. *European Journal of Public Health*, **2016**, 26, 575-81	2.1	5
136	Plant foods, dietary fibre and risk of ischaemic heart disease in the European Prospective Investigation into Cancer and Nutrition (EPIC) cohort. *International Journal of Epidemiology*, **2021**, 50, 212-222	7.8	5
135	Identification of 371 genetic variants for age at first sex and birth linked to externalising behaviour. *Nature Human Behaviour*, **2021**,	12.8	5
134	Functional Analysis of the Coronary Heart Disease Risk Locus on Chromosome 21q22. *Disease Markers*, **2017**, 2017, 1096916	3.2	4
133	Screening for diabetes: what do the results of the ADDITION trial mean for clinical practice?. *Diabetes Management*, **2013**, 3, 367-378	0	4
132	Genetic variability of the forkhead box O3 and prostate cancer risk in the European Prospective Investigation on Cancer. *Oncology Reports*, **2011**, 26, 979-86	3.5	4
131	Effect of age and sex on the relationship between different socioeconomic indices and self-reported functional health in the EPIC-Norfolk population-based study. *Annals of Epidemiology*, **2009**, 19, 289-97	6.4	4
130	Tissue-Specific Alteration of Metabolic Pathways Influences Glycemic Regulation		4

129	Data Resource Profile: Understanding the patterns and determinants of health in South Asians-the South Asia Biobank. *International Journal of Epidemiology*, **2021**, 50, 717-718e	7.8	4
128	Mitochondrial DNA variants modulate N-formylmethionine, proteostasis and risk of late-onset human diseases. *Nature Medicine*, **2021**, 27, 1564-1575	50.5	4
127	One-carbon metabolism biomarkers and risk of urothelial cell carcinoma in the European prospective investigation into cancer and nutrition. *International Journal of Cancer*, **2019**, 145, 2349-2359	7.5	3
126	Generalizability of a Diabetes-Associated Country-Specific Exploratory Dietary Pattern Is Feasible Across European Populations. *Journal of Nutrition*, **2019**, 149, 1047-1055	4.1	3
125	Common mechanisms for type 2 diabetes and psychosis: Findings from a prospective birth cohort. *Schizophrenia Research*, **2020**, 223, 227-235	3.6	3
124	Lipoprotein-associated phospholipase A2 activity, genetics and calcific aortic valve stenosis in humans. *Heart*, **2020**, 106, 1407-1412	5.1	3
123	Association of faecal elastase 1 with non-fasting triglycerides in type 2 diabetes. *Pancreatology*, **2016**, 16, 563-9	3.8	3
122	The long-term benefits of lifestyle interventions for prevention of diabetes. *Lancet Diabetes and Endocrinology,the*, **2014**, 2, 441-2	18.1	3
121	Examining the causal association of fasting glucose with blood pressure in healthy children and adolescents: a Mendelian randomization study employing common genetic variants of fasting glucose. *Journal of Human Hypertension*, **2015**, 29, 179-84	2.6	3
120	Using cohort studies in lifecourse epidemiology. *Public Health*, **2012**, 126, 190-192	4	3
119	Altered respiratory function is associated with increased metabolic risk, independently of adiposity, fitness and physical activity. *Diabetic Medicine*, **2009**, 26, 362-9	3.5	3
118	CHD risk in relation to alcohol intake from categorical and open-ended dietary instruments. *Public Health Nutrition*, **2011**, 14, 402-9	3.3	3
117	Dietary Fatty Acids, Macronutrient Substitutions, Food Sources and Incidence of Coronary Heart Disease: Findings From the EPIC-CVD Case-Cohort Study Across Nine European Countries. *Journal of the American Heart Association*, **2021**, 10, e019814	6	3
116	Mapping the serum proteome to neurological diseases using whole genome sequencing. *Nature Communications*, **2021**, 12, 7042	17.4	3
115	Excessive secretion of insulin precursors characterizes and predicts gestational diabetes. *Diabetes*, **1995**, 44, 911-915	0.9	3
114	Decreased non-esterified fatty acid suppression and features of the insulin resistance syndrome occur in a sub-group of individuals with normal glucose tolerance **1995**, 38, 1358		3
113	Sociodemographic and lifestyle predictors of incident hospital admissions with multimorbidity in a general population, 1999-2019: the EPIC-Norfolk cohort. *BMJ Open*, **2020**, 10, e042115	3	3
112	The relationship between alcohol intake and falls hospitalization: Results from the EPIC-Norfolk. *Geriatrics and Gerontology International*, **2021**, 21, 657-663	2.9	3

111	GIGYF1 loss of function is associated with clonal mosaicism and adverse metabolic health. *Nature Communications*, **2021**, 12, 4178	17.4	3
110	Cardiovascular risk factors associated with polymyalgia rheumatica and giant cell arteritis in a prospective cohort: EPIC-Norfolk Study. *Rheumatology*, **2020**, 59, 319-323	3.9	3
109	Association of weight loss and weight loss maintenance following diabetes diagnosis by screening and incidence of cardiovascular disease and all-cause mortality: An observational analysis of the ADDITION-Europe trial. *Diabetes, Obesity and Metabolism*, **2021**, 23, 730-741	6.7	3
108	Metabolomic profiling reveals extensive adrenal suppression due to inhaled corticosteroid therapy in asthma.. *Nature Medicine*, **2022**,	50.5	3
107	Association of Accelerometer-Measured Sedentary Accumulation Patterns With Incident Cardiovascular Disease, Cancer, and All-Cause Mortality.. *Journal of the American Heart Association*, **2022**, e023845	6	3
106	Cardiovascular risk factors and incident albuminuria in screen-detected type 2 diabetes. *Diabetes/Metabolism Research and Reviews*, **2017**, 33, e2877	7.5	2
105	Self-Reported Fatigue Predicts Incident Stroke in a General Population: EPIC-Norfolk Prospective Population-Based Study. *Stroke*, **2020**, 51, 1077-1084	6.7	2
104	Descriptive epidemiology of energy expenditure in the UK: findings from the National Diet and Nutrition Survey 2008-15. *International Journal of Epidemiology*, **2020**, 49, 1007-1021	7.8	2
103	Intake of Total and Subgroups of Fat Minimally Affect the Associations between Selected Single Nucleotide Polymorphisms in the PPAR Pathway and Changes in Anthropometry among European Adults from Cohorts of the DiOGenes Study. *Journal of Nutrition*, **2016**, 146, 603-11	4.1	2
102	Associations of types of dairy consumption with adiposity: cross-sectional findings from over 12 000 adults in the Fenland Study, UK. *British Journal of Nutrition*, **2019**, 122, 928-935	3.6	2
101	The association between prior infection with five serotypes of Coxsackievirus B and incident type 2 diabetes mellitus in the EPIC-Norfolk study. *Diabetologia*, **2012**, 55, 967-70	10.3	2
100	Clinical implications of JUPITER in a contemporary European population: the EPIC-Norfolk prospective population study. *European Heart Journal*, **2013**, 34, 1350-7	9.5	2
99	The Dutch SCORE-based risk charts seriously underestimate the risk of cardiovascular disease. *Netherlands Heart Journal*, **2017**, 25, 173-180	2.2	2
98	A comparative analysis of three widely used lipid management guidelines in the EPIC-Norfolk cohort. *European Journal of Preventive Cardiology*, **2013**, 20, 98-106	3.9	2
97	Reply to N Salem Jr and CN Kuratko. *American Journal of Clinical Nutrition*, **2011**, 93, 1155-1156	7	2
96	Experience in Manitoba with a population-based health information system. *Journal of Health Services Research and Policy*, **1997**, 2, 126-8	2.4	2
95	Gestational diabetes mellitus is associated with an increase in the total concentration of amylin molecules. *Diabetes Care*, **1998**, 21, 668-9	14.6	2
94	Abstract 19753: Hdl Cholesterol Efflux Capacity is Inversely Associated With Incident Chd Events Independent of Hdl-c and Apoa-i Concentrations. *Circulation*, **2014**, 130,	16.7	2

93	Cut-off Value of Random Blood Glucose among Asian Indians for Preliminary Screening of Persons with Prediabetes and Undetected Type 2 Diabetes Defined by the Glycosylated Haemoglobin Criteria **2019**, 1, 53-58		2
92	Identification of a novel proinsulin-associated SNP and demonstration that proinsulin is unlikely to be a causal factor in subclinical vascular remodelling using Mendelian randomisation. *Atherosclerosis*, **2017**, 266, 196-204	3.1	2
91	Genome-wide scan and fine-mapping of rare nonsynonymous associations implicates intracellular lipolysis genes in fat distribution and cardio-metabolic risk		2
90	Anticholinergic medication exposure predicts poor physical capability: Findings from a large prospective cohort study in England. *Maturitas*, **2020**, 142, 55-63	5	2
89	Self-supervised transfer learning of physiological representations from free-living wearable data **2021**,		2
88	Heterogeneity of Associations between Total and Types of Fish Intake and the Incidence of Type 2 Diabetes: Federated Meta-Analysis of 28 Prospective Studies Including 956,122 Participants. *Nutrients*, **2021**, 13,	6.7	2
87	Prepubertal Dietary and Plasma Phospholipid Fatty Acids Related to Puberty Timing: Longitudinal Cohort and Mendelian Randomization Analyses. *Nutrients*, **2021**, 13,	6.7	2
86	Plasma concentrations of persistent organic pollutants and pancreatic cancer risk. *International Journal of Epidemiology*, **2021**,	7.8	2
85	Long Term Prognostic Impact of Sex-specific Longitudinal Changes in Blood Pressure. The EPIC-Norfolk Prospective Population Cohort Study. *European Journal of Preventive Cardiology*, **2021**,	3.9	2
84	Residential area deprivation and risk of subsequent hospital admission in a British population: the EPIC-Norfolk cohort. *BMJ Open*, **2019**, 9, e031251	3	2
83	Blood polyphenol concentrations and differentiated thyroid carcinoma in women from the European Prospective Investigation into Cancer and Nutrition (EPIC) study. *American Journal of Clinical Nutrition*, **2020**,	7	2
82	Interaction Between GAD65 Antibodies and Dietary Fish Intake or Plasma Phospholipid n-3 Polyunsaturated Fatty Acids on Incident Adult-Onset Diabetes: The EPIC-InterAct Study. *Diabetes Care*, **2021**, 44, 416-424	14.6	2
81	Independent and combined associations between fast-food outlet exposure and genetic risk for obesity: a population-based, cross-sectional study in the UK. *BMC Medicine*, **2021**, 19, 49	11.4	2
80	Protocol for a clinical trial of text messaging in addition to standard care versus standard care alone in prevention of type 2 diabetes through lifestyle modification in India and the UK. *BMC Endocrine Disorders*, **2018**, 18, 63	3.3	2
79	Alcohol consumption and future hospital usage: The EPIC-Norfolk prospective population study. *PLoS ONE*, **2018**, 13, e0200747	3.7	2
78	Sex-Specific Associations of Genetically Predicted Circulating Lp(a) (Lipoprotein(a)) and Hepatic Gene Expression Levels With Cardiovascular Outcomes: Mendelian Randomization and Observational Analyses. *Circulation Genomic and Precision Medicine*, **2021**, 14, e003271	5.2	2
77	Utility of Genetically Predicted Lp(a) (Lipoprotein [a]) and ApoB Levels for Cardiovascular Risk Assessment. *Circulation Genomic and Precision Medicine*, **2021**, 14, e003312	5.2	2
76	Appetite disinhibition rather than hunger explains genetic effects on adult BMI trajectory. *International Journal of Obesity*, **2021**, 45, 758-765	5.5	2

75	Epidemiology of type 2 diabetes. *Endocrinologia Y Nutricion: Organo De La Sociedad Espanola De Endocrinologia Y Nutricion*, **2009**, 56 Suppl 4, 60-2		2
74	Epigenome-wide association study of incident type 2 diabetes: a meta-analysis of five prospective European cohorts.. *Diabetologia*, **2022**, 65, 763	10.3	2
73	Do older English adults exhibit day-to-day compensation in sedentary time and in prolonged sedentary bouts? An EPIC-Norfolk cohort analysis. *PLoS ONE*, **2019**, 14, e0224225	3.7	1
72	The aetiology of gallstones □ caffeinated coffee is associated with a reduction of symptomatic gallstones in men: data from a UK prospective cohort study (EPIC-Norfolk) using 7-day food diaries. *Gut*, **2011**, 60, A224-A225	19.2	1
71	The Evidence Base for Diabetes Care1-5		1
70	The Evidence to Screen for Type 2 Diabetes111-134		1
69	Epidemiology of Foot Ulcers and Amputations in People with Diabetes: Evidence for Prevention403-417		1
68	Author☐ ResponseAssociations between dietary methods and biomarkers, and between fruits and vegetables and risk of ischaemic heart disease, in the EPIC Norfolk Cohort Study: response to letter by McNeill et al.. *International Journal of Epidemiology*, **2009**, 38, 885-885	7.8	1
67	PTU-076 Sucrose intake increases the risk of developing pancreatic cancer: a UK prospective cohort study using data from food diaries. *Gut*, **2010**, 59, A80.1-A80	19.2	1
66	Decrease in activity from childhood to adolescence: potential causes and consequences. *American Journal of Preventive Medicine*, **2008**, 35, 604-5	6.1	1
65	The Genetics of Type 2 Diabetes **2006**, 222-265		1
64	Evidence for Shared Genetic Aetiology Between Schizophrenia, Cardiometabolic, and Inflammation-Related Traits: Genetic Correlation and Colocalization Analyses.. *Schizophrenia Bulletin Open*, **2022**, 3, sgac001	2.2	1
63	Diurnal Profiles of Physical Activity and Postures Derived From Wrist-Worn Accelerometry in UK Adults. *Journal for the Measurement of Physical Behaviour*, **2020**, 3, 39-49	2.3	1
62	Experience of point-of-care HbA1c testing in the English National Health Service Diabetes Prevention Programme: an observational study. *BMJ Open Diabetes Research and Care*, **2020**, 8,	4.5	1
61	Salicylic Acid and Risk of Colorectal Cancer: A Two-Sample Mendelian Randomization Study. *Nutrients*, **2021**, 13,	6.7	1
60	Metabolomic differences in lung function metrics: evidence from two cohorts. *Thorax*, **2021**,	7.3	1
59	Diabetes mellitus, glycemic traits, and cerebrovascular disease: a Mendelian randomization study		1
58	Detecting sleep in free-living conditions without sleep-diaries: a device-agnostic, wearable heart rate sensing approach		1

57	Development and validation of total and regional body composition prediction equations from anthropometry and single frequency segmental bioelectrical impedance with DEXA		1
56	Protein-Coding Variants Implicate Novel Genes Related to Lipid Homeostasis Contributing to Body Fat Distribution		1
55	Descriptive epidemiology of energy expenditure in the UK: Findings from the National Diet and Nutrition Survey 2008 2015		1
54	Reply to Unreliability of genotyping arrays for detecting very rare variants in human genetic studies: Example from a recent study of MC4R. *Cell*, **2021**, 184, 1652-1653	56.2	1
53	Association between serum secretory phospholipase A2 and risk of ischaemic stroke. *European Journal of Neurology*, **2021**, 28, 3650-3655	6	1
52	Baseline anticholinergic burden from medications predicts poorer baseline and long-term health-related quality of life in 16 675 men and women of EPIC-Norfolk prospective population-based cohort study. *Pharmacoepidemiology and Drug Safety*, **2021**, 30, 135-143	2.6	1
51	Plasma Sulfur Amino Acids and Risk of Cerebrovascular Diseases: A Nested Case-Control Study in the EPIC-Norfolk Cohort. *Stroke*, **2021**, 52, 172-180	6.7	1
50	Cross-sectional and prospective associations between active living environments and accelerometer-assessed physical activity in the EPIC-Norfolk cohort. *Health and Place*, **2021**, 67, 102490	4.6	1
49	Elucidating the genetic architecture underlying IGF1 levels and its impact on genomic instability and cancer risk. *Wellcome Open Research*,6, 20	4.8	1
48	Sugar-Sweetened Beverage Consumption May Modify Associations Between Genetic Variants in the CHREBP (Carbohydrate Responsive Element Binding Protein) Locus and HDL-C (High-Density Lipoprotein Cholesterol) and Triglyceride Concentrations. *Circulation Genomic and Precision Medicine*, **2021**, 14, e003288	5.2	1
47	The genomics of heart failure: design and rationale of the HERMES consortium. *ESC Heart Failure*, **2021**,	3.7	1
46	Correlates of change in accelerometer-assessed total sedentary time and prolonged sedentary bouts among older English adults: results from five-year follow-up in the EPIC-Norfolk cohort. *Aging*, **2021**, 13, 134-149	5.6	1
45	Measurement error in epidemiology: the design of validation studies II: bivariate situation **1999**, 18, 2831		1
44	Identification of rare loss of function genetic variation regulating body fat distribution. *Journal of Clinical Endocrinology and Metabolism*, **2021**,	5.6	1
43	Detecting sleep outside the clinic using wearable heart rate devices.. *Scientific Reports*, **2022**, 12, 7956	4.9	1
42	The development, validation and application of remote blood sample collection in telehealth programmes.. *Journal of Telemedicine and Telecare*, **2022**, 1357633X221093434	6.8	1
41	Regional fat depot masses are influenced by protein-coding gene variants. *PLoS ONE*, **2019**, 14, e0217644	3.7	0
40	Patient-reported outcomes after 10-year follow-up of intensive, multifactorial treatment in individuals with screen-detected type 2 diabetes: the ADDITION-Europe trial. *Diabetic Medicine*, **2020**, 37, 1509-1518	3.5	0

39	Self-reported physical functional health predicts future bone mineral density in EPIC-Norfolk cohort.. *Archives of Osteoporosis*, **2022**, 17, 25	2.9	0
38	Physical activity intensity profiles associated with cardiometabolic risk in middle-aged to older men and women.. *Preventive Medicine*, **2022**, 156, 106977	4.3	0
37	Milk intake and incident stroke and coronary heart disease in populations of European descent: A Mendelian Randomization study. *British Journal of Nutrition*, **2021**, 1-25	3.6	0
36	Cardiorespiratory fitness assessment using risk-stratified exercise testing and dose-response relationships with disease outcomes. *Scientific Reports*, **2021**, 11, 15315	4.9	0
35	Genetically Predicted Glucose-Dependent Insulinotropic Polypeptide (GIP) Levels and Cardiovascular Disease Risk Are Driven by Distinct Causal Variants in the Region. *Diabetes*, **2021**, 70, 2706-2719	0.9	0
34	Transcriptional, epigenetic and metabolic signatures in cardiometabolic syndrome defined by extreme phenotypes.. *Clinical Epigenetics*, **2022**, 14, 39	7.7	0
33	Revisiting The Concept of Incretin and Enteroendocrine L-cells as Type 2 Diabetes Mellitus Treatment.. *Pharmacological Research*, **2022**, 106237	10.2	0
32	Update of the fracture risk prediction tool FRAX: a systematic review of potential cohorts and analysis plan. *Osteoporosis International*,	5.3	0
31	Reply to WB Grant. *American Journal of Clinical Nutrition*, **2015**, 102, 230-1	7	
30	The role of dietary cholesterol and transfatty acids in the aetiology of gallstones: a uk prospective cohort study (EPIC-Norfolk) using 7-day food diaries. *Gut*, **2011**, 60, A225-A225	19.2	
29	Dietary deficiencies of iron and niacin in the aetiology of symptomatic gallstones — data from a UK prospective cohort study (EPIC-Norfolk) using 7-day food diaries. *Gut*, **2011**, 60, A38-A39	19.2	
28	Classification of Diabetes7-24		
27	Commentary on the Classification and Diagnosis of Diabetes25-28		
26	Prevention of Type 1 Diabetes29-48		
25	Prevention of Type 2 and Gestational Diabetes49-110		
24	The Effectiveness of Interventions Aimed at Weight Loss and other Effects of Diet and Physical Activity in Achieving Control of Diabetes and Preventing its Complications135-160		
23	What is the Evidence that Changing Tobacco use Reduces the Incidence of Diabetic Complications?161-177		
22	Does Intensive Glycaemic Management Reduce Morbidity and Mortality in Type 1 Diabetes?178-188		

3   PTU-075 Antioxidants in the aetiology of pancreatic cancer: a UK prospective cohort study using data from food diaries. *Gut*, **2010**, 59, A79.2-A79   19.2

2   Incorporating multiple sets of eQTL weights into gene-by-environment interaction analysis identifies novel susceptibility loci for pancreatic cancer. *Genetic Epidemiology*, **2020**, 44, 880-892   2.6

1   General Framework for Meta-Analysis of Haplotype Association Tests. *Genetic Epidemiology*, **2016**, 40, 244-52   2.6