Colin Palmer

List of Publications by Citations

365 papers	61,986 citations	108 h-index	247 g-index
399 ext. papers	75,118 ext. citations	12.7 avg, IF	6.24 L-index

#	Paper	IF	Citations
365	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
364	Genetic studies of body mass index yield new insights for obesity biology. *Nature*, **2015**, 518, 197-206	50.4	2687
363	The mutational constraint spectrum quantified from variation in 141,456 humans. *Nature*, **2020**, 581, 434-443	50.4	2278
362	Common loss-of-function variants of the epidermal barrier protein filaggrin are a major predisposing factor for atopic dermatitis. *Nature Genetics*, **2006**, 38, 441-6	36.3	2158
361	Genetic risk and a primary role for cell-mediated immune mechanisms in multiple sclerosis. *Nature*, **2011**, 476, 214-9	50.4	1948
360	Discovery and refinement of loci associated with lipid levels. *Nature Genetics*, **2013**, 45, 1274-1283	36.3	1904
359	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. *Nature Genetics*, **2010**, 42, 105-16	36.3	1673
358	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
357	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
356	Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. *Nature Genetics*, **2010**, 42, 579-89	36.3	1449
355	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
354	A comprehensive 1,000 Genomes-based genome-wide association meta-analysis of coronary artery disease. *Nature Genetics*, **2015**, 47, 1121-1130	36.3	1290
353	Large-scale association analysis identifies new risk loci for coronary artery disease. *Nature Genetics*, **2013**, 45, 25-33	36.3	1172
352	Genome-wide association analysis identifies 13 new risk loci for schizophrenia. *Nature Genetics*, **2013**, 45, 1150-9	36.3	1153
351	Common variants near MC4R are associated with fat mass, weight and risk of obesity. *Nature Genetics*, **2008**, 40, 768-75	36.3	1048
350	New genetic loci link adipose and insulin biology to body fat distribution. *Nature*, **2015**, 518, 187-196	50.4	920
349	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

348	A genome-wide association study identifies new psoriasis susceptibility loci and an interaction between HLA-C and ERAP1. *Nature Genetics*, **2010**, 42, 985-90	36.3	773
347	International Union of Pharmacology. LXI. Peroxisome proliferator-activated receptors. *Pharmacological Reviews*, **2006**, 58, 726-41	22.5	749
346	Loss-of-function mutations in APOC3, triglycerides, and coronary disease. *New England Journal of Medicine*, **2014**, 371, 22-31	59.2	721
345	The genetic architecture of type 2 diabetes. *Nature*, **2016**, 536, 41-47	50.4	704
344	Identification of 15 new psoriasis susceptibility loci highlights the role of innate immunity. *Nature Genetics*, **2012**, 44, 1341-8	36.3	681
343	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
342	Genome-wide association analysis identifies 20 loci that influence adult height. *Nature Genetics*, **2008**, 40, 575-83	36.3	654
341	Interaction between ERAP1 and HLA-B27 in ankylosing spondylitis implicates peptide handling in the mechanism for HLA-B27 in disease susceptibility. *Nature Genetics*, **2011**, 43, 761-7	36.3	646
340	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
339	Two variants on chromosome 17 confer prostate cancer risk, and the one in TCF2 protects against type 2 diabetes. *Nature Genetics*, **2007**, 39, 977-83	36.3	616
338	Common variants associated with plasma triglycerides and risk for coronary artery disease. *Nature Genetics*, **2013**, 45, 1345-52	36.3	597
337	Variants in MTNR1B influence fasting glucose levels. *Nature Genetics*, **2009**, 41, 77-81	36.3	584
336	SLC2A9 is a newly identified urate transporter influencing serum urate concentration, urate excretion and gout. *Nature Genetics*, **2008**, 40, 437-42	36.3	563
335	Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge. *Nature Genetics*, **2010**, 42, 142-8	36.3	527
334	An obesity-associated FTO gene variant and increased energy intake in children. *New England Journal of Medicine*, **2008**, 359, 2558-66	59.2	527
333	Comprehensive analysis of the gene encoding filaggrin uncovers prevalent and rare mutations in ichthyosis vulgaris and atopic eczema. *Nature Genetics*, **2007**, 39, 650-4	36.3	510
332	Loss-of-function variations within the filaggrin gene predispose for atopic dermatitis with allergic sensitizations. *Journal of Allergy and Clinical Immunology*, **2006**, 118, 214-9	11.5	489
331	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

330	Peroxisome Proliferator Activated Receptor-Expression in Human Liver. *Molecular Pharmacology*, **1998**, 53, 14-22	4.3	417
329	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. *Diabetes*, **2017**, 66, 2888-2902	8.9	414
328	Rare and low-frequency coding variants alter human adult height. *Nature*, **2017**, 542, 186-190	50.4	412
327	Genome-wide association study of ulcerative colitis identifies three new susceptibility loci, including the HNF4A region. *Nature Genetics*, **2009**, 41, 1330-4	36.3	411
326	Genome-wide association scan meta-analysis identifies three Loci influencing adiposity and fat distribution. *PLoS Genetics*, **2009**, 5, e1000508	6	393
325	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
324	Association analyses based on false discovery rate implicate new loci for coronary artery disease. *Nature Genetics*, **2017**, 49, 1385-1391	36.3	361
323	Genetic risk factors for ischaemic stroke and its subtypes (the METASTROKE collaboration): a meta-analysis of genome-wide association studies. *Lancet Neurology, The*, **2012**, 11, 951-62	24.1	359
322	Loss-of-function variants in the filaggrin gene are a significant risk factor for peanut allergy. *Journal of Allergy and Clinical Immunology*, **2011**, 127, 661-7	11.5	342
321	A common variant of HMGA2 is associated with adult and childhood height in the general population. *Nature Genetics*, **2007**, 39, 1245-50	36.3	330
320	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
319	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
318	Common variants near ATM are associated with glycemic response to metformin in type 2 diabetes. *Nature Genetics*, **2011**, 43, 117-20	36.3	319
317	Genome-wide association study identifies a variant in HDAC9 associated with large vessel ischemic stroke. *Nature Genetics*, **2012**, 44, 328-33	36.3	314
316	Exome-wide association study of plasma lipids in >300,000 individuals. *Nature Genetics*, **2017**, 49, 1758-1766	36.3	310
315	Inactivating mutations in NPC1L1 and protection from coronary heart disease. *New England Journal of Medicine*, **2014**, 371, 2072-82	59.2	307
314	Common variants in WFS1 confer risk of type 2 diabetes. *Nature Genetics*, **2007**, 39, 951-3	36.3	296
313	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

312	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
311	The burden of disease associated with filaggrin mutations: a population-based, longitudinal birth cohort study. *Journal of Allergy and Clinical Immunology*, **2008**, 121, 872-7.e9	11.5	276
310	Biomarkers for type 2 diabetes and impaired fasting glucose using a nontargeted metabolomics approach. *Diabetes*, **2013**, 62, 4270-6	0.9	268
309	Common variation in the FTO gene alters diabetes-related metabolic traits to the extent expected given its effect on BMI. *Diabetes*, **2008**, 57, 1419-26	0.9	260
308	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
307	Variation in TCF7L2 influences therapeutic response to sulfonylureas: a GoDARTs study. *Diabetes*, **2007**, 56, 2178-82	0.9	251
306	Assessing the combined impact of 18 common genetic variants of modest effect sizes on type 2 diabetes risk. *Diabetes*, **2008**, 57, 3129-35	0.9	245
305	Null mutations in the filaggrin gene (FLG) determine major susceptibility to early-onset atopic dermatitis that persists into adulthood. *Journal of Investigative Dermatology*, **2007**, 127, 564-7	4.3	241
304	Cohort Profile: Generation Scotland: Scottish Family Health Study (GS:SFHS). The study, its participants and their potential for genetic research on health and illness. *International Journal of Epidemiology*, **2013**, 42, 689-700	7.8	237
303	Novel sequence determinants in peroxisome proliferator signaling. *Journal of Biological Chemistry*, **1995**, 270, 16114-21	5.4	224
302	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
301	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
300	The peroxisome proliferator-activated receptor delta promotes lipid accumulation in human macrophages. *Journal of Biological Chemistry*, **2001**, 276, 44258-65	5.4	217
299	Mouse p53 inhibits SV40 origin-dependent DNA replication. *Nature*, **1987**, 329, 458-60	50.4	212
298	Unique mutations in the filaggrin gene in Japanese patients with ichthyosis vulgaris and atopic dermatitis. *Journal of Allergy and Clinical Immunology*, **2007**, 119, 434-40	11.5	191
297	Gene-environment interaction in the onset of eczema in infancy: filaggrin loss-of-function mutations enhanced by neonatal cat exposure. *PLoS Medicine*, **2008**, 5, e131	11.6	187
296	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
295	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. *Nature Genetics*, **2016**, 48, 1151-1161	36.3	181

294	Dissection of the genetics of Parkinson's disease identifies an additional association 5' of SNCA and multiple associated haplotypes at 17q21. *Human Molecular Genetics*, **2011**, 20, 345-53	5.6	178
293	The PPARdelta agonist GW0742X reduces atherosclerosis in LDLR(-/-) mice. *Atherosclerosis*, **2005**, 181, 29-37	3.1	178
292	New susceptibility loci associated with kidney disease in type 1 diabetes. *PLoS Genetics*, **2012**, 8, e1002923	6.1	176
291	Filaggrin null mutations are associated with increased asthma severity in children and young adults. *Journal of Allergy and Clinical Immunology*, **2007**, 120, 64-8	11.5	175
290	Chromosome 17q21 gene variants are associated with asthma and exacerbations but not atopy in early childhood. *American Journal of Respiratory and Critical Care Medicine*, **2009**, 179, 179-85	10.2	173
289	Generation Scotland: the Scottish Family Health Study; a new resource for researching genes and heritability. *BMC Medical Genetics*, **2006**, 7, 74	2.1	164
288	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
287	Role of the peroxisome proliferator-activated receptor in cytochrome P450 4A gene regulation. *FASEB Journal*, **1996**, 10, 1241-8	0.9	162
286	Pharmacogenetic meta-analysis of genome-wide association studies of LDL cholesterol response to statins. *Nature Communications*, **2014**, 5, 5068	17.4	160
285	Activation of peroxisome proliferator-activated receptor delta stimulates the proliferation of human breast and prostate cancer cell lines. *Cancer Research*, **2004**, 64, 3162-70	10.1	155
284	Common nonsynonymous substitutions in SLCO1B1 predispose to statin intolerance in routinely treated individuals with type 2 diabetes: a go-DARTS study. *Clinical Pharmacology and Therapeutics*, **2011**, 89, 210-6	6.1	153
283	Genetically determined height and coronary artery disease. *New England Journal of Medicine*, **2015**, 372, 1608-18	59.2	152
282	Trans-ethnic association study of blood pressure determinants in over 750,000 individuals. *Nature Genetics*, **2019**, 51, 51-62	36.3	152
281	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
280	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
279	Abdominal aortic aneurysm is associated with a variant in low-density lipoprotein receptor-related protein 1. *American Journal of Human Genetics*, **2011**, 89, 619-27	11	145
278	Using genome-wide complex trait analysis to quantify 'missing heritability' in Parkinson's disease. *Human Molecular Genetics*, **2012**, 21, 4996-5009	5.6	145
277	The role of adiposity in cardiometabolic traits: a Mendelian randomization analysis. *PLoS Medicine*, **2013**, 10, e1001474	11.6	144

276	Genome-wide association and functional follow-up reveals new loci for kidney function. *PLoS Genetics*, **2012**, 8, e1002584	6	143
275	Association of Organic Cation Transporter 1 With Intolerance to Metformin in Type 2 Diabetes: A GoDARTS Study. *Diabetes*, **2015**, 64, 1786-93	0.9	141
274	Association between common variation at the FTO locus and changes in body mass index from infancy to late childhood: the complex nature of genetic association through growth and development. *PLoS Genetics*, **2011**, 7, e1001307	6	141
273	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. *Nature Communications*, **2020**, 11, 163	17.4	140
272	Common variants at the MHC locus and at chromosome 16q24.1 predispose to Barrett's esophagus. *Nature Genetics*, **2012**, 44, 1131-6	36.3	139
271	A genome-wide association search for type 2 diabetes genes in African Americans. *PLoS ONE*, **2012**, 7, e29202	3.7	138
270	A polymorphism controlling ORMDL3 expression is associated with asthma that is poorly controlled by current medications. *Journal of Allergy and Clinical Immunology*, **2008**, 121, 860-3	11.5	136
269	Reduced-function SLC22A1 polymorphisms encoding organic cation transporter 1 and glycemic response to metformin: a GoDARTS study. *Diabetes*, **2009**, 58, 1434-9	0.9	132
268	Phenotype standardization for statin-induced myotoxicity. *Clinical Pharmacology and Therapeutics*, **2014**, 96, 470-6	6.1	130
267	Genome-wide association study implicates HLA-C*01:02 as a risk factor at the major histocompatibility complex locus in schizophrenia. *Biological Psychiatry*, **2012**, 72, 620-8	7.9	130
266	Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. *Nature*, **2019**, 570, 71-76	50.4	129
265	Neutrophil extracellular traps are associated with disease severity and microbiota diversity in patients with chronic obstructive pulmonary disease. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 117-127	11.5	126
264	Energy intakes of children after preloads: adjustment, not compensation. *American Journal of Clinical Nutrition*, **2005**, 82, 302-308	7	126
263	Loss-of-function CYP2C9 variants improve therapeutic response to sulfonylureas in type 2 diabetes: a Go-DARTS study. *Clinical Pharmacology and Therapeutics*, **2010**, 87, 52-6	6.1	124
262	Arginine-16 beta2 adrenoceptor genotype predisposes to exacerbations in young asthmatics taking regular salmeterol. *Thorax*, **2006**, 61, 940-4	7.3	121
261	Directional dominance on stature and cognition in diverse human populations. *Nature*, **2015**, 523, 459-462	50.4	119
260	Specific filaggrin mutations cause ichthyosis vulgaris and are significantly associated with atopic dermatitis in Japan. *Journal of Investigative Dermatology*, **2008**, 128, 1436-41	4.3	113
259	Association of the Pro12Ala and C1431T variants of PPARG and their haplotypes with susceptibility to Type 2 diabetes. *Diabetologia*, **2004**, 47, 555-558	10.3	111

258	Tmem79/Matt is the matted mouse gene and is a predisposing gene for atopic dermatitis in human subjects. *Journal of Allergy and Clinical Immunology*, **2013**, 132, 1121-9	11.5	108
257	Variation in the glucose transporter gene SLC2A2 is associated with glycemic response to metformin. *Nature Genetics*, **2016**, 48, 1055-1059	36.3	108
256	Exome sequencing-driven discovery of coding polymorphisms associated with common metabolic phenotypes. *Diabetologia*, **2013**, 56, 298-310	10.3	102
255	Haplotype analysis of the PPARgamma Pro12Ala and C1431T variants reveals opposing associations with body weight. *BMC Genetics*, **2002**, 3, 21	2.6	102
254	Adiposity-related heterogeneity in patterns of type 2 diabetes susceptibility observed in genome-wide association data. *Diabetes*, **2009**, 58, 505-10	0.9	98
253	Mendelian randomization studies do not support a causal role for reduced circulating adiponectin levels in insulin resistance and type 2 diabetes. *Diabetes*, **2013**, 62, 3589-98	0.9	95
252	A gene variant near ATM is significantly associated with metformin treatment response in type 2 diabetes: a replication and meta-analysis of five cohorts. *Diabetologia*, **2012**, 55, 1971-7	10.3	92
251	Biomarkers of rapid chronic kidney disease progression in type 2 diabetes. *Kidney International*, **2015**, 88, 888-96	9.9	91
250	A PPAR response element regulates transcription of the gene for human adipose differentiation-related protein. *Biochimica Et Biophysica Acta Gene Regulatory Mechanisms*, **2005**, 1728, 95-104		88
249	Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. *Hypertension*, **2017**,	8.5	85
248	Peroxisome proliferator-activated receptor agonists, hyperlipidaemia, and atherosclerosis **2002**, 95, 47-62		83
247	Adrenergic beta(2)-receptor genotype predisposes to exacerbations in steroid-treated asthmatic patients taking frequent albuterol or salmeterol. *Journal of Allergy and Clinical Immunology*, **2009**, 124, 1188-94.e3	11.5	82
246	Increased cardiovascular morbidity and mortality in type 2 diabetes is associated with the glutathione S transferase theta-null genotype: a Go-DARTS study. *Circulation*, **2005**, 111, 2927-34	16.7	80
245	Cardiovascular risk in type 2 diabetes is associated with variation at the PPARG locus: a Go-DARTS study. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2004**, 24, 2403-7	9.4	77
244	Identification and functional characterization of G6PC2 coding variants influencing glycemic traits define an effector transcript at the G6PC2-ABCB11 locus. *PLoS Genetics*, **2015**, 11, e1004876	6	76
243	Common variants in the HLA-DRB1-HLA-DQA1 HLA class II region are associated with susceptibility to visceral leishmaniasis. *Nature Genetics*, **2013**, 45, 208-13	36.3	76
242	Heritability of variation in glycaemic response to metformin: a genome-wide complex trait analysis. *Lancet Diabetes and Endocrinology,the*, **2014**, 2, 481-7	18.1	76
241	A carboxyl-terminal extension of the zinc finger domain contributes to the specificity and polarity of peroxisome proliferator-activated receptor DNA binding. *Journal of Biological Chemistry*, **1998**, 273, 27988-97	5.4	76

240	A reference map of potential determinants for the human serum metabolome. *Nature*, **2020**, 588, 135-140	50.4	75
239	Candidate gene association study for diabetic retinopathy in persons with type 2 diabetes: the Candidate gene Association Resource (CARe) **2011**, 52, 7593-602		73
238	Risk analysis of early childhood eczema. *Journal of Allergy and Clinical Immunology*, **2009**, 123, 1355-60.e5	11.5	73
237	Analysis of the individual and aggregate genetic contributions of previously identified serine peptidase inhibitor Kazal type 5 (SPINK5), kallikrein-related peptidase 7 (KLK7), and filaggrin (FLG) polymorphisms to eczema risk. *Journal of Allergy and Clinical Immunology*, **2008**, 122, 560-8.e4	11.5	73
236	Expression of rabbit cytochromes P4504A which catalyze the omega-hydroxylation of arachidonic acid, fatty acids, and prostaglandins. *Archives of Biochemistry and Biophysics*, **1993**, 307, 57-65	4.1	73
235	A Genome-Wide Association Study of Diabetic Kidney Disease in Subjects With Type 2 Diabetes. *Diabetes*, **2018**, 67, 1414-1427	0.9	71
234	Meta-analysis of genome-wide association studies identifies novel loci that influence cupping and the glaucomatous process. *Nature Communications*, **2014**, 5, 4883	17.4	71
233	Diclofenac antagonizes peroxisome proliferator-activated receptor-gamma signaling. *Molecular Pharmacology*, **2002**, 61, 7-12	4.3	71
232	Long-term adherence to statin treatment in diabetes. *Diabetic Medicine*, **2008**, 25, 850-5	3.5	69
231	Activation of PPARbeta/delta causes a psoriasis-like skin disease in vivo. *PLoS ONE*, **2010**, 5, e9701	3.7	67
230	Childhood asthma exacerbations and the Arg16 2-receptor polymorphism: A meta-analysis stratified by treatment. *Journal of Allergy and Clinical Immunology*, **2016**, 138, 107-113.e5	11.5	66
229	Genome-Wide Association Study of Diabetic Kidney Disease Highlights Biology Involved in Glomerular Basement Membrane Collagen. *Journal of the American Society of Nephrology: JASN*, **2019**, 30, 2000-2016	12.7	66
228	Paradoxical lower serum triglyceride levels and higher type 2 diabetes mellitus susceptibility in obese individuals with the PNPLA3 148M variant. *PLoS ONE*, **2012**, 7, e39362	3.7	66
227	TCF7L2 in the Go-DARTS study: evidence for a gene dose effect on both diabetes susceptibility and control of glucose levels. *Diabetologia*, **2007**, 50, 1186-91	10.3	65
226	Tailored second-line therapy in asthmatic children with the Arg(16) genotype. *Clinical Science*, **2013**, 124, 521-8	6.5	64
225	The CTRB1/2 locus affects diabetes susceptibility and treatment via the incretin pathway. *Diabetes*, **2013**, 62, 3275-81	0.9	63
224	Filaggrin null alleles are not associated with hand eczema or contact allergy. *British Journal of Dermatology*, **2007**, 157, 1199-204	4	63
223	Glutathione S-transferase M1 and P1 genotype, passive smoking, and peak expiratory flow in asthma. *Pediatrics*, **2006**, 118, 710-6	7.4	61

222	Underlying genetic models of inheritance in established type 2 diabetes associations. *American Journal of Epidemiology*, **2009**, 170, 537-45	3.8	60
221	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
220	A paucimorphic variant in the HMG-CoA reductase gene is associated with lipid-lowering response to statin treatment in diabetes: a GoDARTS study. *Pharmacogenetics and Genomics*, **2008**, 18, 1021-6	1.9	60
219	Childhood obesity in relation to poor asthma control and exacerbation: a meta-analysis. *European Respiratory Journal*, **2016**, 48, 1063-1073	13.6	59
218	A genome-wide association study suggests an association of Chr8p21.3 (GFRA2) with diabetic neuropathic pain. *European Journal of Pain*, **2015**, 19, 392-9	3.7	58
217	Early life antibiotic use and the risk of asthma and asthma exacerbations in children. *Pediatric Allergy and Immunology*, **2017**, 28, 430-437	4.2	57
216	Maintenance and induction in co-cultured rat hepatocytes of components of the cytochrome P450-mediated mono-oxygenase. *Biochemical Pharmacology*, **1993**, 45, 1583-91	6	57
215	Energy balance and food intake: the role of PPARgamma gene polymorphisms. *Physiology and Behavior*, **2006**, 88, 227-33	3.5	56
214	Transcript expression-aware annotation improves rare variant interpretation. *Nature*, **2020**, 581, 452-458	50.4	55
213	A Genome-wide Association Study Provides Evidence of Sex-specific Involvement of Chr1p35.1 (ZSCAN20-TLR12P) and Chr8p23.1 (HMGB1P46) With Diabetic Neuropathic Pain. *EBioMedicine*, **2015**, 2, 1386-93	8.8	55
212	The correlation between reading and mathematics ability at age twelve has a substantial genetic component. *Nature Communications*, **2014**, 5, 4204	17.4	54
211	Integration of genome-wide association studies with biological knowledge identifies six novel genes related to kidney function. *Human Molecular Genetics*, **2012**, 21, 5329-43	5.6	54
210	Characterization of a cDNA encoding a human kidney, cytochrome P-450 4A fatty acid omega-hydroxylase and the cognate enzyme expressed in Escherichia coli. *Biochimica Et Biophysica Acta Gene Regulatory Mechanisms*, **1993**, 1172, 161-6		54
209	FCER2 T2206C variant associated with chronic symptoms and exacerbations in steroid-treated asthmatic children. *Allergy: European Journal of Allergy and Clinical Immunology*, **2011**, 66, 1546-52	9.3	51
208	Clinical validity of plasma and urinary desmosine as biomarkers for chronic obstructive pulmonary disease. *Thorax*, **2012**, 67, 502-8	7.3	50
207	Apolipoprotein E genotypes are associated with lipid-lowering responses to statin treatment in diabetes: a Go-DARTS study. *Pharmacogenetics and Genomics*, **2008**, 18, 279-87	1.9	49
206	Protein biomarkers for the prediction of cardiovascular disease in type 2 diabetes. *Diabetologia*, **2015**, 58, 1363-71	10.3	47
205	Heterozygous null alleles in filaggrin contribute to clinical dry skin in young adults and the elderly. *Journal of Investigative Dermatology*, **2009**, 129, 1042-5	4.3	47

204	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
203	Clinical and genetic determinants of progression of type 2 diabetes: a DIRECT study. *Diabetes Care*, **2014**, 37, 718-724	14.6	45
202	Matrix metalloproteinase-12 is a therapeutic target for asthma in children and young adults. *Journal of Allergy and Clinical Immunology*, **2010**, 126, 70-6.e16	11.5	45
201	Loss-of-function variants of the filaggrin gene are associated with atopic eczema and associated phenotypes in Swedish families. *Acta Dermato-Venereologica*, **2008**, 88, 15-9	2.2	45
200	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
199	Filaggrin variants confer susceptibility to asthma. *Journal of Allergy and Clinical Immunology*, **2008**, 121, 1294-5; author reply 1295-6	11.5	44
198	Quantification of cytochrome P450 reductase gene expression in human tissues. *Archives of Biochemistry and Biophysics*, **1992**, 294, 168-72	4.1	44
197	The trans-ancestral genomic architecture of glycemic traits. *Nature Genetics*, **2021**, 53, 840-860	36.3	44
196	Filaggrin gene variants and atopic diseases in early childhood assessed longitudinally from birth. *Pediatric Allergy and Immunology*, **2010**, 21, 954-61	4.2	43
195	The FTO gene is associated with an atherogenic lipid profile and myocardial infarction in patients with type 2 diabetes: a Genetics of Diabetes Audit and Research Study in Tayside Scotland (Go-DARTS) study. *Circulation: Cardiovascular Genetics*, **2009**, 2, 255-9		43
194	N-Glycan Profile and Kidney Disease in Type 1 Diabetes. *Diabetes Care*, **2018**, 41, 79-87	14.6	43
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