Colin Palmer

List of Publications by Year in Descending Order

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	Diabetes status modifies the long-term effect of lipoprotein-associated phospholipase A2 on major coronary events. *Diabetologia*, **2022**, 65, 101-112	10.3	1
364	Young-onset diabetes in Asian Indians is associated with lower measured and genetically determined beta cell function.. *Diabetologia*, **2022**, 1	10.3	3
363	Response to Comment on Dawed et al. Genome-Wide Meta-analysis Identifies Genetic Variants Associated With Glycemic Response to Sulfonylureas. Diabetes Care 2021;44:2673-2682.. *Diabetes Care*, **2022**, 45, e82-e83	14.6	
362	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation.. *Nature Genetics*, **2022**,	36.3	7
361	Heterogeneity in phenotype, disease progression and drug response in type 2 diabetes.. *Nature Medicine*, **2022**, 28, 982-988	50.5	3
360	The power of genetic diversity in genome-wide association studies of lipids. *Nature*, **2021**,	50.4	24
359	Association of Genetic Variant at Chromosome 12q23.1 With Neuropathic Pain Susceptibility. *JAMA Network Open*, **2021**, 4, e2136560	10.4	0
358	Clinical Impact of Residual C-Peptide Secretion in Type 1 Diabetes on Glycemia and Microvascular Complications. *Diabetes Care*, **2021**, 44, 390-398	14.6	18
357	Genome-Wide Meta-analysis Identifies Genetic Variants Associated With Glycemic Response to Sulfonylureas. *Diabetes Care*, **2021**, 44, 2673-2682	14.6	5
356	Genome-Wide Association Study of Peripheral Artery Disease. *Circulation Genomic and Precision Medicine*, **2021**, 14, e002862	5.2	3
355	Genome-wide association studies of exacerbations in children using long-acting beta2-agonists. *Pediatric Allergy and Immunology*, **2021**, 32, 1197-1207	4.2	5
354	Cohort profile: DOLORisk Dundee: a longitudinal study of chronic neuropathic pain. *BMJ Open*, **2021**, 11, e042887	3	2
353	The trans-ancestral genomic architecture of glycemic traits. *Nature Genetics*, **2021**, 53, 840-860	36.3	44
352	Type 2 Diabetes, Metabolic Traits, and Risk of Heart Failure: A Mendelian Randomization Study. *Diabetes Care*, **2021**, 44, 1699-1705	14.6	1
351	Polymorphism in Locus Modifies Risk of Atrial Fibrillation in Patients on Thyroid Hormone Replacement Therapy. *Frontiers in Genetics*, **2021**, 12, 652878	4.5	0
350	An FCER2 polymorphism is associated with increased oral leukotriene receptor antagonists and allergic rhinitis prescribing. *Clinical and Experimental Allergy*, **2021**, 51, 1089-1092	4.1	1
349	Determinants of penetrance and variable expressivity in monogenic metabolic conditions across 77,184 exomes. *Nature Communications*, **2021**, 12, 3505	17.4	5

348	The association between SARS-CoV-2 RT-PCR cycle threshold and mortality in a community cohort. *European Respiratory Journal*, **2021**, 58,	13.6	6
347	A review of machine learning methods for retinal blood vessel segmentation and artery/vein classification. *Medical Image Analysis*, **2021**, 68, 101905	15.4	25
346	Phospholemman Phosphorylation Regulates Vascular Tone, Blood Pressure, and Hypertension in Mice and Humans. *Circulation*, **2021**, 143, 1123-1138	16.7	3
345	The Relationship between AKI and CKD in Patients with Type 2 Diabetes: An Observational Cohort Study. *Journal of the American Society of Nephrology: JASN*, **2021**, 32, 138-150	12.7	15
344	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. *Nature Communications*, **2021**, 12, 24	17.4	30
343	Asthma prescribing according to Arg16Gly beta-2 genotype: a randomised trial in adolescents. *European Respiratory Journal*, **2021**, 58,	13.6	4
342	Evidence of a Causal Relationship between Serum Thyroid-Stimulating Hormone and Osteoporotic Bone Fractures.. *European Thyroid Journal*, **2021**, 10, 439-446	4.2	0
341	The genomics of heart failure: design and rationale of the HERMES consortium. *ESC Heart Failure*, **2021**,	3.7	1
340	A Novel High-Intensity Short Interval Dance Intervention (THANDAV) to Improve Physical Fitness in Asian Indian Adolescent Girls. *Diabetes Technology and Therapeutics*, **2021**, 23, 623-631	8.1	
339	LTA4H rs2660845 association with montelukast response in early and late-onset asthma. *PLoS ONE*, **2021**, 16, e0257396	3.7	1
338	Common Statin Intolerance Variants in and Show Synergistic Effects on Statin Response: An Observational Study Using Electronic Health Records. *Frontiers in Genetics*, **2021**, 12, 713181	4.5	2
337	Early experience with an opt-in research register - Scottish Health Research Register (SHARE): a multi-method evaluation of participant recruitment performance.. *BMC Medical Research Methodology*, **2021**, 21, 286	4.7	0
336	The mutational constraint spectrum quantified from variation in 141,456 humans. *Nature*, **2020**, 581, 434-443	50.4	2278
335	Transcript expression-aware annotation improves rare variant interpretation. *Nature*, **2020**, 581, 452-458	50.4	55
334	Genetic Risk of Diverticular Disease Predicts Early Stoppage of Nicorandil. *Clinical Pharmacology and Therapeutics*, **2020**, 108, 1171-1175	6.1	2
333	Exome Sequencing Reveals Common and Rare Variants in F5 Associated With ACE Inhibitor and Angiotensin Receptor Blocker-Induced Angioedema. *Clinical Pharmacology and Therapeutics*, **2020**, 108, 1195-1202	6.1	5
332	The impact of phenotype, ethnicity and genotype on progression of type 2 diabetes mellitus. *Endocrinology, Diabetes and Metabolism*, **2020**, 3, e00108	2.7	3
331	Genome-wide association study of angioedema induced by angiotensin-converting enzyme inhibitor and angiotensin receptor blocker treatment. *Pharmacogenomics Journal*, **2020**, 20, 770-783	3.5	9

330	Filaggrin gene defects are associated with eczema, wheeze, and nasal disease during infancy: Prospective study. *Journal of Allergy and Clinical Immunology*, **2020**, 146, 681-682	11.5	0
329	Elevated circulating amyloid concentrations in obesity and diabetes promote vascular dysfunction. *Journal of Clinical Investigation*, **2020**, 130, 4104-4117	15.9	10
328	Genetic and pharmacological relationship between P-glycoprotein and increased cardiovascular risk associated with clarithromycin prescription: An epidemiological and genomic population-based cohort study in Scotland, UK. *PLoS Medicine*, **2020**, 17, e1003372	11.6	0
327	Genetic correlations between pain phenotypes and depression and neuroticism. *European Journal of Human Genetics*, **2020**, 28, 358-366	5.3	19
326	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. *Nature Communications*, **2020**, 11, 163	17.4	140
325	PheGWAS: a new dimension to visualize GWAS across multiple phenotypes. *Bioinformatics*, **2020**, 36, 2500-2505	7.2	3
324	Association of Factor V Leiden With Subsequent Atherothrombotic Events: A GENIUS-CHD Study of Individual Participant Data. *Circulation*, **2020**, 142, 546-555	16.7	5
323	Efficacy of Modern Diabetes Treatments DPP-4i, SGLT-2i, and GLP-1RA in White and Asian Patients With Diabetes: A Systematic Review and Meta-analysis of Randomized Controlled Trials. *Diabetes Care*, **2020**, 43, 1948-1957	14.6	21
322	Characteristics and outcomes of health and social care workers testing positive for SARS-CoV-2 in the Tayside region of Scotland. *European Respiratory Journal*, **2020**, 56,	13.6	7
321	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
320	Response to Comment on Gan et al. Efficacy of Modern Diabetes Treatments DPP-4i, SGLT-2i, and GLP-1RA in White and Asian Patients With Diabetes: A Systematic Review and Meta-analysis of Randomized Controlled Trials. Diabetes Care 2020;43:1948-1957. *Diabetes Care*, **2020**, 43, e202-e203	14.6	
319	A reference map of potential determinants for the human serum metabolome. *Nature*, **2020**, 588, 135-140	50.4	75
318	Novel subgroups of type 2 diabetes and their association with microvascular outcomes in an Asian Indian population: a data-driven cluster analysis: the INSPIRED study. *BMJ Open Diabetes Research and Care*, **2020**, 8,	4.5	41
317	Genetic Predisposition to Coronary Artery Disease in Type 2 Diabetes Mellitus. *Circulation Genomic and Precision Medicine*, **2020**, 13, e002769	5.2	1
316	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
315	A genome-wide association study finds genetic variants associated with neck or shoulder pain in UK Biobank. *Human Molecular Genetics*, **2020**, 29, 1396-1404	5.6	10
314	Genetic and pharmacological relationship between P-glycoprotein and increased cardiovascular risk associated with clarithromycin prescription: An epidemiological and genomic population-based cohort study in Scotland, UK **2020**, 17, e1003372		
313	Genetic and pharmacological relationship between P-glycoprotein and increased cardiovascular risk associated with clarithromycin prescription: An epidemiological and genomic population-based cohort study in Scotland, UK **2020**, 17, e1003372		

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310	Genetic and pharmacological relationship between P-glycoprotein and increased cardiovascular risk associated with clarithromycin prescription: An epidemiological and genomic population-based cohort study in Scotland, UK **2020**, 17, e1003372		
309	Persistent C-peptide secretion in Type 1 diabetes and its relationship to the genetic architecture of diabetes. *BMC Medicine*, **2019**, 17, 165	11.4	20
308	Investigating the Relationship Between Type 2 Diabetes and Dementia Using Electronic Medical Records in the GoDARTS Bioresource. *Diabetes Care*, **2019**, 42, 1973-1980	14.6	5
307	Genome-wide association study of knee pain identifies associations with and in UK Biobank. *Communications Biology*, **2019**, 2, 321	6.7	20
306	Genome-wide association study of inhaled corticosteroid response in admixed children with asthma. *Clinical and Experimental Allergy*, **2019**, 49, 789-798	4.1	32
305	Genetic studies of abdominal MRI data identify genes regulating hepcidin as major determinants of liver iron concentration. *Journal of Hepatology*, **2019**, 71, 594-602	13.4	10
304	Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. *Nature*, **2019**, 570, 71-76	50.4	129
303	Population-based identity-by-descent mapping combined with exome sequencing to detect rare risk variants for schizophrenia. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2019**, 180, 223-231	3.5	2
302	Differential Association of Genetic Risk of Coronary Artery Disease With Development of Heart Failure With Reduced Versus Preserved Ejection Fraction. *Circulation*, **2019**, 139, 986-988	16.7	5
301	Effects of Calcium, Magnesium, and Potassium Concentrations on Ventricular Repolarization in Unselected Individuals. *Journal of the American College of Cardiology*, **2019**, 73, 3118-3131	15.1	12
300	A genome-wide association study implicates that the gene is associated with diabetic maculopathy with decreased visual acuity. *Ophthalmic Genetics*, **2019**, 40, 252-258	1.2	4
299	Novel Genetic Locus Influencing Retinal Venular Tortuosity Is Also Associated With Risk of Coronary Artery Disease. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2019**, 39, 2542-2552	9.4	11
298	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
297	Associations of autozygosity with a broad range of human phenotypes. *Nature Communications*, **2019**, 10, 4957	17.4	40
296	Application of pharmacogenomics and bioinformatics to exemplify the utility of human ex vivo organoculture models in the field of precision medicine. *PLoS ONE*, **2019**, 14, e0226564	3.7	1
295	Trans-ethnic association study of blood pressure determinants in over 750,000 individuals. *Nature Genetics*, **2019**, 51, 51-62	36.3	152

294	Effects of the coronary artery disease associated LPA and 9p21 loci on risk of aortic valve stenosis. *International Journal of Cardiology*, **2019**, 276, 212-217	3.2	6
293	A Type 1 Diabetes Genetic Risk Score Can Identify Patients With GAD65 Autoantibody-Positive Type 2 Diabetes Who Rapidly Progress to Insulin Therapy. *Diabetes Care*, **2019**, 42, 208-214	14.6	20
292	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
291	Multiethnic Genome-Wide Association Study of Diabetic Retinopathy Using Liability Threshold Modeling of Duration of Diabetes and Glycemic Control. *Diabetes*, **2019**, 68, 441-456	0.9	31
290	Serum kidney injury molecule 1 and microglobulin perform as well as larger biomarker panels for prediction of rapid decline in renal function in type 2 diabetes. *Diabetologia*, **2019**, 62, 156-168	10.3	27
289	Lp-PLA activity is associated with increased risk of diabetic retinopathy: a longitudinal disease progression study. *Diabetologia*, **2018**, 61, 1344-1353	10.3	13
288	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
287	Formalising recall by genotype as an efficient approach to detailed phenotyping and causal inference. *Nature Communications*, **2018**, 9, 711	17.4	35
286	Systematic review and meta-analysis of genetic risk factors for neuropathic pain. *Pain*, **2018**, 159, 825-848	8	33
285	Response to "Influence of Diabetes on Antiplatelet Drug Efficacy". *Clinical Pharmacology and Therapeutics*, **2018**, 103, 573	6.1	
284	A Genome-Wide Association Study of Diabetic Kidney Disease in Subjects With Type 2 Diabetes. *Diabetes*, **2018**, 67, 1414-1427	0.9	71
283	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
282	Interaction between variants in the CYP2C9 and POR genes and the risk of sulfonylurea-induced hypoglycaemia: A GoDARTS Study. *Diabetes, Obesity and Metabolism*, **2018**, 20, 211-214	6.7	18
281	Investigating Real-World Clopidogrel Pharmacogenetics in Stroke Using a Bioresource Linked to Electronic Medical Records. *Clinical Pharmacology and Therapeutics*, **2018**, 103, 281-286	6.1	10
280	Candidate long-range regulatory sites acting on the IL17 pathway genes TRAF3IP2 and IL17RA are associated with psoriasis. *Experimental Dermatology*, **2018**, 27, 1294-1297	4	7
279	Pharmacogenetics of inhaled long-acting beta2-agonists in asthma: A systematic review. *Pediatric Allergy and Immunology*, **2018**, 29, 705-714	4.2	21
278	Cohort Profile: Genetics of Diabetes Audit and Research in Tayside Scotland (GoDARTS). *International Journal of Epidemiology*, **2018**, 47, 380-381j	7.8	37
277	DOLORisk: study protocol for a multi-centre observational study to understand the risk factors and determinants of neuropathic pain. *Wellcome Open Research*, **2018**, 3, 63	4.8	12

276	DOLORisk: study protocol for a multi-centre observational study to understand the risk factors and determinants of neuropathic pain. *Wellcome Open Research*, **2018**, 3, 63	4.8	11
275	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
274	Genetic mannose binding lectin deficiency is associated with airway microbiota diversity and reduced exacerbation frequency in COPD. *Thorax*, **2018**, 73, 510-518	7.3	22
273	N-Glycan Profile and Kidney Disease in Type 1 Diabetes. *Diabetes Care*, **2018**, 41, 79-87	14.6	43
272	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
271	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
270	A genome-wide association study suggests new evidence for an association of the NADPH Oxidase 4 (NOX4) gene with severe diabetic retinopathy in type 2 diabetes. *Acta Ophthalmologica*, **2018**, 96, e811-e819	3.7	36
269	Variants in genes coding for glutathione S-transferases and asthma outcomes in children. *Pharmacogenomics*, **2018**, 19, 707-713	2.6	7
268	Rare and low-frequency coding variants alter human adult height. *Nature*, **2017**, 542, 186-190	50.4	412
267	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
266	Genetic Variation in Kruppel like Factor 15 Is Associated with Left Ventricular Hypertrophy in Patients with Type 2 Diabetes: Discovery and Replication Cohorts. *EBioMedicine*, **2017**, 18, 171-178	8.8	11
265	Discovery of novel heart rate-associated loci using the Exome Chip. *Human Molecular Genetics*, **2017**, 26, 2346-2363	5.6	17
264	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
263	Loss of Cardioprotective Effects at the Locus as a Result of Gene-Smoking Interactions. *Circulation*, **2017**, 135, 2336-2353	16.7	36
262	Meta-analysis of genome-wide association studies on the intolerance of angiotensin-converting enzyme inhibitors. *Pharmacogenetics and Genomics*, **2017**, 27, 112-119	1.9	13
261	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. *Diabetes*, **2017**, 66, 2888-2902	8.29	414
260	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
259	Cohort profile: the Scottish Research register SHARE. A register of people interested in research participation linked to NHS data sets. *BMJ Open*, **2017**, 7, e013351	3	28

258	Exome-wide association study of plasma lipids in >300,000 individuals. *Nature Genetics*, **2017**, 49, 1758-1766	36.3	310
257	New Blood Pressure-Associated Loci Identified in Meta-Analyses of 475 000 Individuals. *Circulation: Cardiovascular Genetics*, **2017**, 10,		33
256	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
255	Utility of Population-Level DNA Sequence Data in the Diagnosis of Hereditary Endocrine Disease. *Journal of the Endocrine Society*, **2017**, 1, 1507-1526	0.4	11
254	Replication confirms the association of loci in FOXE1, PDE8B, CAPZB and PDE10A with thyroid traits: a Genetics of Diabetes Audit and Research Tayside study (GoDARTS). *Pharmacogenetics and Genomics*, **2017**, 27, 356-362	1.9	5
253	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
252	Association analyses based on false discovery rate implicate new loci for coronary artery disease. *Nature Genetics*, **2017**, 49, 1385-1391	36.3	361
251	Early health technology assessments in pharmacogenomics: a case example in cardiovascular drugs. *Pharmacogenomics*, **2017**, 18, 1143-1153	2.6	4
250	Glu83Gly Is Associated With Blunted Creatine Kinase Variation, but Not With Myalgia. *Circulation: Cardiovascular Genetics*, **2017**, 10,		2
249	Gene Set Enrichment Analyses: lessons learned from the heart failure phenotype. *BioData Mining*, **2017**, 10, 18	4.3	3
248	A common missense variant of LILRB5 is associated with statin intolerance and myalgia. *European Heart Journal*, **2017**, 38, 3569-3575	9.5	25
247	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. *Scientific Data*, **2017**, 4, 170179	8.2	22
246	Quantifying the extent to which index event biases influence large genetic association studies. *Human Molecular Genetics*, **2017**, 26, 1018-1030	5.6	30
245	Cohort Profile: Scottish Diabetes Research Network Type 1 Bioresource Study (SDRNT1BIO). *International Journal of Epidemiology*, **2017**, 46, 796-796i	7.8	15
244	Opt-in method is vital for data sharing. *BMJ, The*, **2016**, 354, i4293	5.9	
243	How can we optimise inhaled beta2 agonist dose as 'reliever' medicine for wheezy pre-school children? Study protocol for a randomised controlled trial. *Trials*, **2016**, 17, 541	2.8	1
242	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. *Nature Genetics*, **2016**, 48, 1151-1161	36.3	181
241	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

240	CYP2C8 and SLCO1B1 Variants and Therapeutic Response to Thiazolidinediones in Patients With Type 2 Diabetes. *Diabetes Care*, **2016**, 39, 1902-1908	14.6	40
239	Polymorphism in a lincRNA Associates with a Doubled Risk of Pneumococcal Bacteremia in Kenyan Children. *American Journal of Human Genetics*, **2016**, 98, 1092-1100	11	30
238	Factors associated with quality of life in children with asthma living in Scotland. *Pediatric Pulmonology*, **2016**, 51, 484-90	3.5	8
237	Exome-wide analysis of rare coding variation identifies novel associations with COPD and airflow limitation in MOCS3, IFIT3 and SERPINA12. *Thorax*, **2016**, 71, 501-9	7.3	18
236	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
235	A Genome-Wide Association Study Provides New Evidence That CACNA1C Gene is Associated With Diabetic Cataract **2016**, 57, 2246-50		10
234	The genetic architecture of type 2 diabetes. *Nature*, **2016**, 536, 41-47	50.4	704
233	Meta-analysis of genome-wide association studies of HDL cholesterol response to statins. *Journal of Medical Genetics*, **2016**, 53, 835-845	5.8	28
232	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
231	Childhood obesity in relation to poor asthma control and exacerbation: a meta-analysis. *European Respiratory Journal*, **2016**, 48, 1063-1073	13.6	59
230	Age-dependent elastin degradation is enhanced in chronic obstructive pulmonary disease. *European Respiratory Journal*, **2016**, 48, 1215-1218	13.6	13
229	Analysis with the exome array identifies multiple new independent variants in lipid loci. *Human Molecular Genetics*, **2016**, 25, 4094-4106	5.6	14
228	Effect of Serotonin Transporter 5-HTTLPR Polymorphism on Gastrointestinal Intolerance to Metformin: A GoDARTS Study. *Diabetes Care*, **2016**, 39, 1896-1901	14.6	31
227	Variation in the glucose transporter gene SLC2A2 is associated with glycemic response to metformin. *Nature Genetics*, **2016**, 48, 1055-1059	36.3	108
226	Protein biomarkers for the prediction of cardiovascular disease in type 2 diabetes. *Diabetologia*, **2015**, 58, 1363-71	10.3	47
225	Directional dominance on stature and cognition in diverse human populations. *Nature*, **2015**, 523, 459-462	50.4	119
224	Biomarkers of rapid chronic kidney disease progression in type 2 diabetes. *Kidney International*, **2015**, 88, 888-96	9.9	91
223	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

222	Association analysis of 29,956 individuals confirms that a low-frequency variant at CCND2 halves the risk of type 2 diabetes by enhancing insulin secretion. *Diabetes*, **2015**, 64, 2279-85	0.9	20
221	Genetically determined height and coronary artery disease. *New England Journal of Medicine*, **2015**, 372, 1608-18	59.2	152
220	Sex-Specific Effects of Adiponectin on Carotid Intima-Media Thickness and Incident Cardiovascular Disease. *Journal of the American Heart Association*, **2015**, 4, e001853	6	25
219	New medications for the treatment of diabetes. *Diabetes Technology and Therapeutics*, **2015**, 17 Suppl 1, S119-33	8.1	
218	A comprehensive 1,000 Genomes-based genome-wide association meta-analysis of coronary artery disease. *Nature Genetics*, **2015**, 47, 1121-1130	36.3	1290
217	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
216	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
215	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
214	PPARs Required for PPARAction in Regulation of Body Weight and Hepatic Steatosis in Mice. *PPAR Research*, **2015**, 2015, 927057	4.3	38
213	ST13 polymorphisms and their effect on exacerbations in steroid-treated asthmatic children and young adults. *Clinical and Experimental Allergy*, **2015**, 45, 1051-9	4.1	16
212	Diazoxide improves hormonal counterregulatory responses to acute hypoglycemia in long-standing type 1 diabetes. *Diabetes*, **2015**, 64, 2234-41	0.9	13
211	New genetic loci link adipose and insulin biology to body fat distribution. *Nature*, **2015**, 518, 187-196	50.4	920
210	Genetic studies of body mass index yield new insights for obesity biology. *Nature*, **2015**, 518, 197-206	50.4	2687
209	Both high and low HbA1c predict incident heart failure in type 2 diabetes mellitus. *Circulation: Heart Failure*, **2015**, 8, 236-42	7.6	35
208	Cholesteryl ester transfer protein polymorphisms, statin use, and their impact on cholesterol levels and cardiovascular events. *Clinical Pharmacology and Therapeutics*, **2014**, 95, 314-20	6.1	12
207	Inactivating mutations in NPC1L1 and protection from coronary heart disease. *New England Journal of Medicine*, **2014**, 371, 2072-82	59.2	307
206	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
205	The correlation between reading and mathematics ability at age twelve has a substantial genetic component. *Nature Communications*, **2014**, 5, 4204	17.4	54

204	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
203	A genome-wide association analysis of a broad psychosis phenotype identifies three loci for further investigation. *Biological Psychiatry*, **2014**, 75, 386-97	7.9	36
202	Pharmacogenetic analysis of GLCCI1 in three north European pediatric asthma populations with a reported use of inhaled corticosteroids. *Pharmacogenomics*, **2014**, 15, 799-806	2.6	25
201	Loss-of-function mutations in APOC3, triglycerides, and coronary disease. *New England Journal of Medicine*, **2014**, 371, 22-31	59.2	721
200	Phenotype standardization of angioedema in the head and neck region caused by agents acting on the angiotensin system. *Clinical Pharmacology and Therapeutics*, **2014**, 96, 477-81	6.1	13
199	Pharmacogenetic meta-analysis of genome-wide association studies of LDL cholesterol response to statins. *Nature Communications*, **2014**, 5, 5068	17.4	160
198	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
197	Proof-of-concept evaluation of trough airway hyper-responsiveness following regular racemic or levosalbutamol in genotype-stratified steroid-treated persistent asthmatic patients. *Clinical Science* , **2014**, 126, 75-83	6.5	3
196	Phenotype standardization for statin-induced myotoxicity. *Clinical Pharmacology and Therapeutics*, **2014**, 96, 470-6	6.1	130
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