Alan R Shuldiner

List of Publications by Year in Descending Order

448 papers	53,541 citations	103 h-index	225 g-index
491 ext. papers	62,250 ext. citations	10.9 avg, IF	6.28 L-index

#	Paper	IF	Citations
448	Clinical Pharmacogenetics Implementation Consortium Guideline for CYP2C19 Genotype and Clopidogrel Therapy: 2022 Update.. *Clinical Pharmacology and Therapeutics*, **2022**,	6.1	14
447	Analysis of rare genetic variation underlying cardiometabolic diseases and traits among 200,000 individuals in the UK Biobank.. *Nature Genetics*, **2022**,	36.3	4
446	Genome-wide analysis provides genetic evidence that ACE2 influences COVID-19 risk and yields risk scores associated with severe disease.. *Nature Genetics*, **2022**,	36.3	9
445	Clinical characterization of familial hypercholesterolemia due to an amish founder mutation in Apolipoprotein B.. *BMC Cardiovascular Disorders*, **2022**, 22, 109	2.3	0
444	An Amish founder population reveals rare-population genetic determinants of the human lipidome.. *Communications Biology*, **2022**, 5, 334	6.7	0
443	Mendelian randomization supports bidirectional causality between telomere length and clonal hematopoiesis of indeterminate potential.. *Science Advances*, **2022**, 8, eabl6579	14.3	3
442	Pharmacogenomic Study of Statin-Associated Muscle Symptoms in the ODYSSEY OUTCOMES Trial.. *Circulation Genomic and Precision Medicine*, **2022**, 101161CIRCGEN121003503	5.2	0
441	Impact of natural selection on global patterns of genetic variation and association with clinical phenotypes at genes involved in SARS-CoV-2 infection.. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119, e2123000119	11.5	0
440	Genome-wide association analyses highlight etiological differences underlying newly defined subtypes of diabetes. *Nature Genetics*, **2021**, 53, 1534-1542	36.3	7
439	Genetic and functional evidence links a missense variant in to lower LDL and fibrinogen. *Science*, **2021**, 374, 1221-1227	33.3	1
438	A missense variant Arg611Cys in LIPE which encodes hormone sensitive lipase decreases lipolysis and increases risk of type 2 diabetes in American Indians. *Diabetes/Metabolism Research and Reviews*, **2021**, e3504	7.5	0
437	Exome sequencing and analysis of 454,787 UK Biobank participants. *Nature*, **2021**, 599, 628-634	50.4	34
436	Genetic versus stress and mood determinants of sleep in the Amish. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2021**, 186, 113-121	3.5	1
435	The diagnostic efficacy of exome data analysis using fixed neurodevelopmental gene lists: Implications for prenatal setting. *Prenatal Diagnosis*, **2021**, 41, 701-707	3.2	3
434	Multiple dimensions of stress vs. genetic effects on depression. *Translational Psychiatry*, **2021**, 11, 254	8.6	0
433	Genome-wide survey of parent-of-origin-specific associations across clinical traits derived from electronic health records.. *Human Genetics and Genomics Advances*, **2021**, 2, 100039	0.8	1
432	Genome-wide association analysis of serum alanine and aspartate aminotransferase, and the modifying effects of BMI in 388k European individuals. *Genetic Epidemiology*, **2021**, 45, 664-681	2.6	2

431	Genome sequencing unveils a regulatory landscape of platelet reactivity. *Nature Communications*, **2021**, 12, 3626	17.4	6
430	A multi-ethnic epigenome-wide association study of leukocyte DNA methylation and blood lipids. *Nature Communications*, **2021**, 12, 3987	17.4	3
429	Next generation sequencing for HLA loci in full heritage Pima Indians of Arizona, Part II: HLA-A, -B, and -C with selected non-classical loci at 4-field resolution from whole genome sequences. *Human Immunology*, **2021**, 82, 385-403	2.3	
428	Pan-ancestry exome-wide association analyses of COVID-19 outcomes in 586,157 individuals. *American Journal of Human Genetics*, **2021**, 108, 1350-1355	11	25
427	Sequencing of 640,000 exomes identifies variants associated with protection from obesity. *Science*, **2021**, 373,	33.3	22
426	Polygenic Risk of Psychiatric Disorders Exhibits Cross-trait Associations in Electronic Health Record Data From European Ancestry Individuals. *Biological Psychiatry*, **2021**, 89, 236-245	7.9	8
425	When phenotype does not match genotype: importance of "real-time" refining of phenotypic information for exome data interpretation. *Genetics in Medicine*, **2021**, 23, 215-221	8.1	2
424	Effect of serum zinc and copper levels on insulin secretion, insulin resistance and pancreatic cell dysfunction in US adults: Findings from the National Health and Nutrition Examination Survey (NHANES) 2011-2012. *Diabetes Research and Clinical Practice*, **2021**, 172, 108627	7.4	4
423	Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. *Kidney International*, **2021**, 99, 926-939	9.9	6
422	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
421	The role of phenotype-based search approaches using public online databases in diagnostics of Mendelian disorders. *Genetics in Medicine*, **2021**, 23, 1095-1100	8.1	2
420	Whole genome sequence analyses of eGFR in 23,732 people representing multiple ancestries in the NHLBI trans-omics for precision medicine (TOPMed) consortium. *EBioMedicine*, **2021**, 63, 103157	8.8	3
419	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. *Nature Communications*, **2021**, 12, 24	17.4	30
418	Two intronic cis-acting variants in both alleles of the POLR3A gene cause progressive spastic ataxia with hypodontia. *Clinical Genetics*, **2021**, 99, 713-718	4	2
417	Heterozygosity for a Pathogenic Variant in That Causes Autosomal Recessive Gitelman Syndrome Is Associated with Lower Serum Potassium. *Journal of the American Society of Nephrology: JASN*, **2021**, 32, 756-765	12.7	1
416	Mutation spectrum of NOD2 reveals recessive inheritance as a main driver of Early Onset Crohn's Disease. *Scientific Reports*, **2021**, 11, 5595	4.9	11
415	GWAS of serum ALT and AST reveals an association of SLC30A10 Thr95Ile with hypermanganesemia symptoms. *Nature Communications*, **2021**, 12, 4571	17.4	6
414	The burden of pathogenic variants in clinically actionable genes in a founder population. *American Journal of Medical Genetics, Part A*, **2021**, 185, 3476-3484	2.5	1

413	Rare genetic coding variants associated with human longevity and protection against age-related diseases. *Nature Aging*, **2021**, 1, 783-794		4
412	and Long QT Syndrome in 1/45 Amish: The Road From Identification to Implementation of Culturally Appropriate Precision Medicine. *Circulation Genomic and Precision Medicine*, **2020**, 13, e003133	5.2	2
411	Genomewide Association Study of Platelet Reactivity and Cardiovascular Response in Patients Treated With Clopidogrel: A Study by the International Clopidogrel Pharmacogenomics Consortium. *Clinical Pharmacology and Therapeutics*, **2020**, 108, 1067-1077	6.1	12
410	Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. *Nature Communications*, **2020**, 11, 2542	17.4	16
409	Discovery of 318 new risk loci for type 2 diabetes and related vascular outcomes among 1.4 million participants in a multi-ancestry meta-analysis. *Nature Genetics*, **2020**, 52, 680-691	36.3	140
408	Genetic Variation in PEAR1, Cardiovascular Outcomes and Effects of Aspirin in a Healthy Elderly Population. *Clinical Pharmacology and Therapeutics*, **2020**, 108, 1289-1298	6.1	5
407	Paediatric systemic lupus erythematosus as a manifestation of constitutional mismatch repair deficiency. *Journal of Medical Genetics*, **2020**, 57, 505-508	5.8	5
406	Characterization of Exome Variants and Their Metabolic Impact in 6,716 American Indians from the Southwest US. *American Journal of Human Genetics*, **2020**, 107, 251-264	11	3
405	Pharmacogenomic polygenic response score predicts ischaemic events and cardiovascular mortality in clopidogrel-treated patients. *European Heart Journal - Cardiovascular Pharmacotherapy*, **2020**, 6, 203-210	6.4	33
404	Global Pharmacogenomics Within Precision Medicine: Challenges and Opportunities. *Clinical Pharmacology and Therapeutics*, **2020**, 107, 57-61	6.1	17
403	Clinical and Molecular Prevalence of Lipodystrophy in an Unascertained Large Clinical Care Cohort. *Diabetes*, **2020**, 69, 249-258	0.9	25
402	Exome sequencing and characterization of 49,960 individuals in the UK Biobank. *Nature*, **2020**, 586, 749-756	5.4	122
401	Parkinson's Disease-Related Motor and Nonmotor Symptoms in the Lancaster Amish. *Neuroepidemiology*, **2020**, 54, 392-397	5.4	1
400	Prevalence, control, and treatment of diabetes, hypertension, and high cholesterol in the Amish. *BMJ Open Diabetes Research and Care*, **2020**, 8,	4.5	3
399	Exome Sequencing Identifies A Nonsense Variant in DAO Associated With Reduced Energy Expenditure in American Indians. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	1
398	Similar burden of pathogenic coding variants in exceptionally long-lived individuals and individuals without exceptional longevity. *Aging Cell*, **2020**, 19, e13216	9.9	3
397	Assessment of the potential role of natural selection in type 2 diabetes and related traits across human continental ancestry groups: comparison of phenotypic with genotypic divergence. *Diabetologia*, **2020**, 63, 2616-2627	10.3	2
396	Homozygosity for CHEK2 p.Gly167Arg leads to a unique cancer syndrome with multiple complex chromosomal translocations in peripheral blood karyotype. *Journal of Medical Genetics*, **2020**, 57, 500-504	5.8	6

395	Clinical and genetic validity of quantitative bipolarity. *Translational Psychiatry*, **2019**, 9, 228	8.6	1
394	A Unique Presentation of Infantile-Onset Colitis and Eosinophilic Disease without Recurrent Infections Resulting from a Novel Homozygous CARMIL2 Variant. *Journal of Clinical Immunology*, **2019**, 39, 430-439	5.7	13
393	A novel TUFM homozygous variant in a child with mitochondrial cardiomyopathy expands the phenotype of combined oxidative phosphorylation deficiency 4. *Journal of Human Genetics*, **2019**, 64, 589-595	4.3	12
392	Next generation sequencing and the classical HLA loci in full heritage Pima Indians of Arizona: Defining the core HLA variation for North American Paleo-Indians. *Human Immunology*, **2019**, 80, 955-965	2.3	7
391	Associations of autozygosity with a broad range of human phenotypes. *Nature Communications*, **2019**, 10, 4957	17.4	40
390	Self-Reported Sleep Duration and Pattern in Old Order Amish and Non-Amish Adults. *Journal of Clinical Sleep Medicine*, **2019**, 15, 1321-1328	3.1	4
389	Cardiovascular risks impact human brain -acetylaspartate in regionally specific patterns. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 25243-25249	11.5	4
388	Increased usual physical activity is associated with a blunting of the triglyceride response to a high-fat meal. *Journal of Clinical Lipidology*, **2019**, 13, 109-114	4.9	7
387	Polyherbal dietary supplementation for prediabetic adults: study protocol for a randomized controlled trial. *Trials*, **2019**, 20, 24	2.8	5
386	Genome-wide association analysis of common genetic variants of resistant hypertension. *Pharmacogenomics Journal*, **2019**, 19, 295-304	3.5	7
385	Exome-chip meta-analysis identifies association between variation in ANKRD26 and platelet aggregation. *Platelets*, **2019**, 30, 164-173	3.6	9
384	Alcohol Consumption and Risk of Coronary Artery Disease (from the Million Veteran Program). *American Journal of Cardiology*, **2018**, 121, 1162-1168	3	13
383	Genome-wide and candidate gene approaches of clopidogrel efficacy using pharmacodynamic and clinical end points-Rationale and design of the International Clopidogrel Pharmacogenomics Consortium (ICPC). *American Heart Journal*, **2018**, 198, 152-159	4.9	19
382	Profiling and Leveraging Relatedness in a Precision Medicine Cohort of 92,455 Exomes. *American Journal of Human Genetics*, **2018**, 102, 874-889	11	38
381	An APOO Pseudogene on Chromosome 5q Is Associated With Low-Density Lipoprotein Cholesterol Levels. *Circulation*, **2018**, 138, 1343-1355	16.7	6
380	A Protein-Truncating HSD17B13 Variant and Protection from Chronic Liver Disease. *New England Journal of Medicine*, **2018**, 378, 1096-1106	59.2	350
379	Genomic diagnostics within a medically underserved population: efficacy and implications. *Genetics in Medicine*, **2018**, 20, 31-41	8.1	36
378	Monogenic diabetes in overweight and obese youth diagnosed with type 2 diabetes: the TODAY clinical trial. *Genetics in Medicine*, **2018**, 20, 583-590	8.1	42

377	Multisite Investigation of Outcomes With Implementation of CYP2C19 Genotype-Guided Antiplatelet Therapy After Percutaneous Coronary Intervention. *JACC: Cardiovascular Interventions*, **2018**, 11, 181-191	5	156
376	Reversal of Aging-Induced Increases in Aortic Stiffness by Targeting Cytoskeletal Protein-Protein Interfaces. *Journal of the American Heart Association*, **2018**, 7,	6	14
375	Evaluation of WISP1 as a candidate gene for bone mineral density in the Old Order Amish. *Scientific Reports*, **2018**, 8, 7141	4.9	2
374	Establishing the role of in protein-losing enteropathy: a homozygous missense variant leads to an attenuated phenotype. *Journal of Medical Genetics*, **2018**, 55, 779-784	5.8	8
373	Genetic inactivation of ANGPTL4 improves glucose homeostasis and is associated with reduced risk of diabetes. *Nature Communications*, **2018**, 9, 2252	17.4	71
372	Loss-of-Function ABCC8 Mutations in Pulmonary Arterial Hypertension. *Circulation Genomic and Precision Medicine*, **2018**, 11, e002087	5.2	33
371	KCNJ11 Mutation in One Family is Associated with Adult-Onset Rather than Neonatal-Onset Diabetes Mellitus. *AACE Clinical Case Reports*, **2018**, 4, e411-e414	0.7	1
370	Familial Hypercholesterolemia and Type 2 Diabetes in the Old Order Amish. *Diabetes*, **2017**, 66, 2054-2058	8.9	15
369	Genome-wide analysis of clopidogrel active metabolite levels identifies novel variants that influence antiplatelet response. *Pharmacogenetics and Genomics*, **2017**, 27, 159-163	1.9	16
368	Variation in Maturity-Onset Diabetes of the Young Genes Influence Response to Interventions for Diabetes Prevention. *Journal of Clinical Endocrinology and Metabolism*, **2017**, 102, 2678-2689	5.6	12
367	Multiethnic genome-wide meta-analysis of ectopic fat depots identifies loci associated with adipocyte development and differentiation. *Nature Genetics*, **2017**, 49, 125-130	36.3	80
366	CPT1A methylation is associated with plasma adiponectin. *Nutrition, Metabolism and Cardiovascular Diseases*, **2017**, 27, 225-233	4.5	16
365	The GH receptor exon 3 deletion is a marker of male-specific exceptional longevity associated with increased GH sensitivity and taller stature. *Science Advances*, **2017**, 3, e1602025	14.3	38
364	Genetic and Pharmacologic Inactivation of ANGPTL3 and Cardiovascular Disease. *New England Journal of Medicine*, **2017**, 377, 211-221	59.2	416
363	and Loci Associate with Plasma Osmolality. *Journal of the American Society of Nephrology: JASN*, **2017**, 28, 2311-2321	12.7	14
362	Heritability of plasma neopterin levels in the Old Order Amish. *Journal of Neuroimmunology*, **2017**, 307, 37-41	3.5	4
361	Sex-specific effects of serum sulfate level and nonsense variants on DHEA homeostasis. *Molecular Genetics and Metabolism Reports*, **2017**, 10, 84-91	1.8	0
360	Pharmacogenetic Associations of -Adrenergic Receptor Polymorphisms With Cardiovascular Outcomes in the SPS3 Trial (Secondary Prevention of Small Subcortical Strokes). *Stroke*, **2017**, 48, 1337-1343	6.7	16

359	TM6SF2 rs58542926 impacts lipid processing in liver and small intestine. *Hepatology*, **2017**, 65, 1526-1542	11.2	47
358	Gender differences in first and secondhand smoke exposure, spirometric lung function and cardiometabolic health in the old order Amish: A novel population without female smoking. *PLoS ONE*, **2017**, 12, e0174354	3.7	17
357	Lipid Metabolism, Abdominal Adiposity, and Cerebral Health in the Amish. *Obesity*, **2017**, 25, 1876-1880	8	7
356	A population-specific reference panel empowers genetic studies of Anabaptist populations. *Scientific Reports*, **2017**, 7, 6079	4.9	10
355	DNA Methylation Analysis Identifies Loci for Blood Pressure Regulation. *American Journal of Human Genetics*, **2017**, 101, 888-902	11	83
354	Identifying clinically relevant sources of variability: The clopidogrel challenge. *Clinical Pharmacology and Therapeutics*, **2017**, 101, 264-273	6.1	11
353	Clopidogrel pharmacogenetics: Beyond candidate genes and genome-wide association studies. *Clinical Pharmacology and Therapeutics*, **2017**, 101, 323-325	6.1	5
352	Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. *PLoS Genetics*, **2017**, 13, e1006528	6	103
351	Genetic Variants of PEAR1 are Associated with Platelet Function and Antiplatelet Drug Efficacy: A Systematic Review and Meta-Analysis. *Current Pharmaceutical Design*, **2017**, 23, 6815-6827	3.3	7
350	Genetics of Type 2 Diabetes: From Candidate Genes to Genome-Wide Association Analysis **2017**, 1-24		
349	Genetics of Type 2 Diabetes: From Candidate Genes to Genome-Wide Association Analysis **2017**, 191-214		
348	The common genetic influence over processing speed and white matter microstructure: Evidence from the Old Order Amish and Human Connectome Projects. *NeuroImage*, **2016**, 125, 189-197	7.9	24
347	From Genotype to Phenotype: Nonsense Variants in SLC13A1 Are Associated with Decreased Serum Sulfate and Increased Serum Aminotransferases. *G3: Genes, Genomes, Genetics*, **2016**, 6, 2909-18	3.2	6
346	Historical Overview of Gene Discovery Methodologies in Type 2 Diabetes **2016**, 3-12		0
345	Educational innovations in clinical pharmacogenomics. *Clinical Pharmacology and Therapeutics*, **2016**, 99, 582-4	6.1	18
344	Loci associated with ischaemic stroke and its subtypes (SiGN): a genome-wide association study. *Lancet Neurology, The*, **2016**, 15, 174-184	24.1	159
343	Genome-wide Association Studies Identify Genetic Loci Associated With Albuminuria in Diabetes. *Diabetes*, **2016**, 65, 803-17	0.9	96
342	Development of a physiology-directed population pharmacokinetic and pharmacodynamic model for characterizing the impact of genetic and demographic factors on clopidogrel response in healthy adults. *European Journal of Pharmaceutical Sciences*, **2016**, 82, 64-78	5.1	18

341	Inactivating Variants in ANGPTL4 and Risk of Coronary Artery Disease. *New England Journal of Medicine*, **2016**, 374, 1123-33	59.2	305
340	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. *Nature Communications*, **2016**, 7, 10495	17.4	180
339	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. *Nature Communications*, **2016**, 7, 10023	17.4	295
338	Gene Expression Differences Between Offspring of Long-Lived Individuals and Controls in Candidate Longevity Regions: Evidence for PAPSS2 as a Longevity Gene. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2016**, 71, 1295-9	6.4	8
337	The IGNITE network: a model for genomic medicine implementation and research. *BMC Medical Genomics*, **2016**, 9, 1	3.7	139
336	The Pharmacogenomics of Anti-Platelet Intervention (PAPI) Study: Variation in Platelet Response to Clopidogrel and Aspirin. *Current Vascular Pharmacology*, **2016**, 14, 116-24	3.3	9
335	Genetics of Type 2 Diabetes: From Candidate Genes to Genome-Wide Association Analysis **2016**, 1-24		
334	A Common Variant in the SETD7 Gene Predicts Serum Lycopene Concentrations. *Nutrients*, **2016**, 8, 82	6.7	22
333	Cognitive profiles and heritability estimates in the Old Order Amish. *Psychiatric Genetics*, **2016**, 26, 178-83	1.9	1
332	Heritability of complex white matter diffusion traits assessed in a population isolate. *Human Brain Mapping*, **2016**, 37, 525-35	5.9	17
331	Clopidogrel Improves Skin Microcirculatory Endothelial Function in Persons With Heightened Platelet Aggregation. *Journal of the American Heart Association*, **2016**, 5,	6	5
330	Distribution and clinical impact of functional variants in 50,726 whole-exome sequences from the DiscovEHR study. *Science*, **2016**, 354,	33.3	320
329	Genetic identification of familial hypercholesterolemia within a single U.S. health care system. *Science*, **2016**, 354,	33.3	229
328	Variants in ANGPTL4 and the Risk of Coronary Artery Disease. *New England Journal of Medicine*, **2016**, 375, 2305-2306	59.2	8
327	The CAPN2/CAPN8 Locus on Chromosome 1q Is Associated with Variation in Serum Alpha-Carotene Concentrations. *Journal of Nutrigenetics and Nutrigenomics*, **2016**, 9, 254-264		6
326	Assignment of Functional Relevance to Genes at Type 2 Diabetes-Associated Loci Through Investigation of β-Cell Mass Deficits. *Molecular Endocrinology*, **2016**, 30, 429-45		13
325	User-centered design of multi-gene sequencing panel reports for clinicians. *Journal of Biomedical Informatics*, **2016**, 63, 1-10	10.2	12
324	Evidence for several independent genetic variants affecting lipoprotein (a) cholesterol levels. *Human Molecular Genetics*, **2015**, 24, 2390-400	5.6	39

323	Vitamin and supplement use among old order amish: sex-specific prevalence and associations with use. *Journal of the Academy of Nutrition and Dietetics*, **2015**, 115, 397-405.e3	3.9	10
322	Directional dominance on stature and cognition in diverse human populations. *Nature*, **2015**, 523, 459-462	50.4	119
321	Genome-wide association study of triglyceride response to a high-fat meal among participants of the NHLBI Genetics of Lipid Lowering Drugs and Diet Network (GOLDN). *Metabolism: Clinical and Experimental*, **2015**, 64, 1359-71	12.7	23
320	Oxylipid Profile of Low-Dose Aspirin Exposure: A Pharmacometabolomics Study. *Journal of the American Heart Association*, **2015**, 4, e002203	6	15
319	Chronotype and seasonality: morningness is associated with lower seasonal mood and behavior changes in the Old Order Amish. *Journal of Affective Disorders*, **2015**, 174, 209-14	6.6	23
318	Genome-wide association study of kidney function decline in individuals of European descent. *Kidney International*, **2015**, 87, 1017-29	9.9	83
317	Identification of a variant in KDR associated with serum VEGFR2 and pharmacodynamics of Pazopanib. *Clinical Cancer Research*, **2015**, 21, 365-72	12.9	24
316	Effect of zinc supplementation on insulin secretion: interaction between zinc and SLC30A8 genotype in Old Order Amish. *Diabetologia*, **2015**, 58, 295-303	10.3	30
315	Elabela-apelin receptor signaling pathway is functional in mammalian systems. *Scientific Reports*, **2015**, 5, 8170	4.9	108
314	Prioritizing Approaches to Engage Community Members and Build Trust in Biobanks: A Survey of Attitudes and Opinions of Adults within Outpatient Practices at the University of Maryland. *Journal of Personalized Medicine*, **2015**, 5, 264-79	3.6	10
313	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
312	Global implementation of genomic medicine: We are not alone. *Science Translational Medicine*, **2015** , 7, 290ps13	17.5	112
311	CYP2C19 metabolizer status and clopidogrel efficacy in the Secondary Prevention of Small Subcortical Strokes (SPS3) study. *Journal of the American Heart Association*, **2015**, 4, e001652	6	34
310	New genetic loci link adipose and insulin biology to body fat distribution. *Nature*, **2015**, 518, 187-196	50.4	920
309	Genetic studies of body mass index yield new insights for obesity biology. *Nature*, **2015**, 518, 197-206	50.4	2687
308	Using Workflow Modeling to Identify Areas to Improve Genetic Test Processes in the University of Maryland Translational Pharmacogenomics Project **2015**, 2015, 466-74	0.7	4
307	Seasonality shows evidence for polygenic architecture and genetic correlation with schizophrenia and bipolar disorder. *Journal of Clinical Psychiatry*, **2015**, 76, 128-34	4.6	18
306	Mapping Genes in Isolated Populations: Lessons from the Old Order Amish **2015**, 141-153		2

305	Genome-wide association studies identified novel loci for non-high-density lipoprotein cholesterol and its postprandial lipemic response. *Human Genetics*, **2014**, 133, 919-30	6.3	8
304	Gene-centric meta-analyses for central adiposity traits in up to 57 412 individuals of European descent confirm known loci and reveal several novel associations. *Human Molecular Genetics*, **2014**, 23, 2498-510	5.6	22
303	Analysis of the bereavement effect after the death of a spouse in the Amish: a population-based retrospective cohort study. *BMJ Open*, **2014**, 4, e003670	3	8
302	The influence of rare genetic variation in SLC30A8 on diabetes incidence and β-cell function. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, E926-30	5.6	19
301	Metformin pharmacogenomics: current status and future directions. *Diabetes*, **2014**, 63, 2590-9	0.9	90
300	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
299	Effectiveness of clopidogrel dose escalation to normalize active metabolite exposure and antiplatelet effects in CYP2C19 poor metabolizers. *Journal of Clinical Pharmacology*, **2014**, 54, 865-73	2.9	25
298	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
297	Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. *Nature Genetics*, **2014**, 46, 826-36	36.3	199
296	Null mutation in hormone-sensitive lipase gene and risk of type 2 diabetes. *New England Journal of Medicine*, **2014**, 370, 2307-2315	59.2	131
295	Thrombin-induced platelet-fibrin clot strength: relation to high on-clopidogrel platelet reactivity, genotype, and post-percutaneous coronary intervention outcomes. *Thrombosis and Haemostasis*, **2014**, 111, 713-24	7	16
294	Calcified granulomatous disease: occupational associations and lack of familial aggregation. *Lung*, **2014**, 192, 841-7	2.9	2
293	A central role for GRB10 in regulation of islet function in man. *PLoS Genetics*, **2014**, 10, e1004235	6	124
292	Extension of GWAS results for lipid-related phenotypes to extreme obesity using electronic health record (EHR) data and the Metabochip. *Frontiers in Genetics*, **2014**, 5, 222	4.5	6
291	Implementation of pharmacogenetics: the University of Maryland Personalized Anti-platelet Pharmacogenetics Program. *American Journal of Medical Genetics, Part C: Seminars in Medical Genetics*, **2014**, 166C, 76-84	3.1	70
290	Familial aggregation of tobacco use behaviors among Amish men. *Nicotine and Tobacco Research*, **2014**, 16, 923-30	4.9	10
289	A Template for Authoring and Adapting Genomic Medicine Content in the eMERGE Infobutton Project **2014**, 2014, 944-53	0.7	7
288	Clinical Pharmacogenetics Implementation Consortium guidelines for CYP2C19 genotype and clopidogrel therapy: 2013 update. *Clinical Pharmacology and Therapeutics*, **2013**, 94, 317-23	6.1	617

287	Discovery and refinement of loci associated with lipid levels. *Nature Genetics*, **2013**, 45, 1274-1283	36.3	1904
286	Spaced administration of PA32540 and clopidogrel results in greater platelet inhibition than synchronous administration of enteric-coated aspirin and enteric-coated omeprazole and clopidogrel. *American Heart Journal*, **2013**, 165, 176-82	4.9	6
285	Common variants associated with plasma triglycerides and risk for coronary artery disease. *Nature Genetics*, **2013**, 45, 1345-52	36.3	597
284	Loci influencing blood pressure identified using a cardiovascular gene-centric array. *Human Molecular Genetics*, **2013**, 22, 1663-78	5.6	119
283	Purine pathway implicated in mechanism of resistance to aspirin therapy: pharmacometabolomics-informed pharmacogenomics. *Clinical Pharmacology and Therapeutics*, **2013**, 94, 525-32	6.1	60
282	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. *Nature Genetics*, **2013**, 45, 145-54	36.3	505
281	Seasonality of mood and behavior in the Old Order Amish. *Journal of Affective Disorders*, **2013**, 147, 112-7	6.6	14
280	Candidate gene association study of coronary artery calcification in chronic kidney disease: findings from the CRIC study (Chronic Renal Insufficiency Cohort). *Journal of the American College of Cardiology*, **2013**, 62, 789-98	15.1	32
279	Common variants in Mendelian kidney disease genes and their association with renal function. *Journal of the American Society of Nephrology: JASN*, **2013**, 24, 2105-17	12.7	27
278	The Pharmacogenomics Research Network Translational Pharmacogenetics Program: overcoming challenges of real-world implementation. *Clinical Pharmacology and Therapeutics*, **2013**, 94, 207-10	6.1	128
277	Implementing genomic medicine in the clinic: the future is here. *Genetics in Medicine*, **2013**, 15, 258-67	8.1	385
276	Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. *Nature Genetics*, **2013**, 45, 621-31	36.3	219
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