Alan R Shuldiner

List of Publications by Year
in descending order

468 papers	68,374 citations	1368 108 h-index	849 244 g-index
491 all docs	491 docs citations	491 times ranked	60809 citing authors

#	Article	IF	Citations
1	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	13.7	3,823
2	Discovery and refinement of loci associated with lipid levels. Nature Genetics, 2013, 45, 1274-1283.	9.4	2,641
3	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. Nature Genetics, 2010, 42, 937-948.	9.4	2,634
4	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. Nature Genetics, 2010, 42, 105-116.	9.4	1,982
5	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. Nature, 2011, 478, 103-109.	13.7	1,855
6	Defining the role of common variation in the genomic and biological architecture of adult human height. Nature Genetics, 2014, 46, 1173-1186.	9.4	1,818
7	Hundreds of variants clustered in genomic loci and biological pathways affect human height. Nature, 2010, 467, 832-838.	13.7	1,789
8	Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. Nature Genetics, 2012, 44, 981-990.	9.4	1,748
9	Newly identified loci that influence lipid concentrations and risk of coronary artery disease. Nature Genetics, 2008, 40, 161-169.	9.4	1,488
10	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	13.7	1,328
11	Association of Cytochrome P450 2C19 Genotype With the Antiplatelet Effect and Clinical Efficacy of Clopidogrel Therapy. JAMA - Journal of the American Medical Association, 2009, 302, 849.	3.8	1,319
12	Genome-wide meta-analysis identifies 56 bone mineral density loci and reveals 14 loci associated with risk of fracture. Nature Genetics, 2012, 44, 491-501.	9.4	1,100
13	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. Nature Genetics, 2014, 46, 234-244.	9.4	959
14	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, 949-960.	9.4	836
15	Genome-Wide Association Analysis Identifies Variants Associated with Nonalcoholic Fatty Liver Disease That Have Distinct Effects on Metabolic Traits. PLoS Genetics, 2011, 7, e1001324.	1.5	796
16	Clinical Pharmacogenetics Implementation Consortium Guidelines for CYP2C19 Genotype and Clopidogrel Therapy: 2013 Update. Clinical Pharmacology and Therapeutics, 2013, 94, 317-323.	2.3	795
17	TCF7L2Polymorphisms and Progression to Diabetes in the Diabetes Prevention Program. New England Journal of Medicine, 2006, 355, 241-250.	13.9	762
18	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. Nature Genetics, 2012, 44, 659-669.	9.4	762

#	Article	IF	Citations
19	Common variants associated with plasma triglycerides and risk for coronary artery disease. Nature Genetics, 2013, 45, 1345-1352.	9.4	754
20	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. Nature Genetics, 2012, 44, 991-1005.	9.4	746
21	New loci associated with kidney function and chronic kidney disease. Nature Genetics, 2010, 42, 376-384.	9.4	710
22	Identification of omentin as a novel depot-specific adipokine in human adipose tissue: possible role in modulating insulin action. American Journal of Physiology - Endocrinology and Metabolism, 2006, 290, E1253-E1261.	1.8	709
23	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. Nature Genetics, 2013, 45, 145-154.	9.4	675
24	Omentin Plasma Levels and Gene Expression Are Decreased in Obesity. Diabetes, 2007, 56, 1655-1661.	0.3	646
25	Genetic and Pharmacologic Inactivation of ANGPTL3 and Cardiovascular Disease. New England Journal of Medicine, 2017, 377, 211-221.	13.9	633
26	Genetic Variation in the Î²3-Adrenergic Receptor and an Increased Capacity to Gain Weight in Patients with Morbid Obesity. New England Journal of Medicine, 1995, 333, 352-354.	13.9	614
27	Time of Onset of Non-Insulin-Dependent Diabetes Mellitus and Genetic Variation in the Î²3-Adrenergicâ€“Receptor Gene. New England Journal of Medicine, 1995, 333, 343-347.	13.9	605
28	Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge. Nature Genetics, 2010, 42, 142-148.	9.4	591
29	A Null Mutation in Human APOC3 Confers a Favorable Plasma Lipid Profile and Apparent Cardioprotection. Science, 2008, 322, 1702-1705.	6.0	588
30	Association of a Polymorphism in the Î²3-Adrenergicâ€“Receptor Gene with Features of the Insulin Resistance Syndrome in Finns. New England Journal of Medicine, 1995, 333, 348-352.	13.9	571
31	A Protein-TruncatingHSD17B13Variant and Protection from Chronic Liver Disease. New England Journal of Medicine, 2018, 378, 1096-1106.	13.9	556
32	Unique Lipoprotein Phenotype and Genotype Associated With Exceptional Longevity. JAMA - Journal of the American Medical Association, 2003, 290, 2030.	3.8	516
33	Molecular Scanning of the Human Peroxisome Proliferator Activated Receptor Î³ (hPPARÎ³) Gene in Diabetic Caucasians: Identification of a Pro12Ala PPARÎ³2 Missense Mutation. Biochemical and Biophysical Research Communications, 1997, 241, 270-274.	1.0	480
34	Implementing genomic medicine in the clinic: the future is here. Genetics in Medicine, 2013, 15, 258-267.	1.1	472
35	Distribution and clinical impact of functional variants in 50,726 whole-exome sequences from the DiscovEHR study. Science, 2016, 354, .	6.0	464
36	Meta-Analysis of Genome-Wide Association Studies in >80 000 Subjects Identifies Multiple Loci for C-Reactive Protein Levels. Circulation, 2011, 123, 731-738.	1.6	461

#	Article	IF	Citations
37	Thirty new loci for age at menarche identified by a meta-analysis of genome-wide association studies. Nature Genetics, 2010, 42, 1077-1085.	9.4	445
38	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.	9.4	445
39	Clinical Pharmacogenetics Implementation Consortium Guidelines for Cytochrome P450-2C19 (CYP2C19) Genotype and Clopidogrel Therapy. Clinical Pharmacology and Therapeutics, 2011, 90, 328-332.	2.3	422
40	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. Nature Communications, 2016, 7, 10023.	5.8	412
41	Inactivating Variants in ANGPTL4 and Risk of Coronary Artery Disease. New England Journal of Medicine, 2016, 374, 1123-1133.	13.9	411
42	New gene functions in megakaryopoiesis and platelet formation. Nature, 2011, 480, 201-208.	13.7	401
43	FTO genotype is associated with phenotypic variability of body mass index. Nature, 2012, 490, 267-272.	13.7	383
44	Exome sequencing and analysis of 454,787 UK Biobank participants. Nature, 2021, 599, 628-634.	13.7	377
45	Sex-stratified Genome-wide Association Studies Including 270,000 Individuals Show Sexual Dimorphism in Genetic Loci for Anthropometric Traits. PLoS Genetics, 2013, 9, e1003500.	1.5	371
46	Common variants in the GDF5-UQCC region are associated with variation in human height. Nature Genetics, 2008, 40, 198-203.	9.4	369
47	Exome sequencing and characterization of 49,960 individuals in the UK Biobank. Nature, 2020, 586, 749-756.	13.7	369
48	Genetic identification of familial hypercholesterolemia within a single U.S. health care system. Science, 2016, 354, .	6.0	349
49	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.	1.5	331
50	Telomere length is paternally inherited and is associated with parental lifespan. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 12135-12139.	3.3	328
51	Ethical and Practical Guidelines for Reporting Genetic Research Results to Study Participants. Circulation: Cardiovascular Genetics, 2010, 3, 574-580.	5.1	328
52	Seventy-five genetic loci influencing the human red blood cell. Nature, 2012, 492, 369-375.	13.7	320
53	A rapid and versatile method to synthesize internal standards for competitive PCR. Nucleic Acids Research, 1993, 21, 1047-1047.	6.5	303
54	Acute-Phase Serum Amyloid A: An Inflammatory Adipokine and Potential Link between Obesity and Its Metabolic Complications. PLoS Medicine, 2006, 3, e287.	3.9	295

#	Article	IF	Citations
55	Genetic variation near IRS1 associates with reduced adiposity and an impaired metabolic profile. Nature Genetics, 2011, 43, 753-760.	9.4	289
56	Association of the Pro12Ala variant in the peroxisome proliferator-activated receptor-gamma2 gene with obesity in two Caucasian populations. Diabetes, 1998, 47, 1806-1808.	0.3	285
57	Identification of heart rateâ€“associated loci and their effects on cardiac conduction and rhythm disorders. Nature Genetics, 2013, 45, 621-631.	9.4	282
58	Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. Nature Genetics, 2014, 46, 826-836.	9.4	281
59	Whole-genome association study identifies STK39 as a hypertension susceptibility gene. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 226-231.	3.3	280
60	Genome-Wide Association Study for Coronary Artery Calcification With Follow-Up in Myocardial Infarction. Circulation, 2011, 124, 2855-2864.	1.6	269
61	Meta-analysis of genome-wide association data identifies two loci influencing age at menarche. Nature Genetics, 2009, 41, 648-650.	9.4	266
62	Polymorphisms in the Transcription Factor 7-Like 2 (TCF7L2) Gene Are Associated With Type 2 Diabetes in the Amish. Diabetes, 2006, 55, 2654-2659.	0.3	263
63	Association between uncoupling protein polymorphisms (UCP2-UCP3) and energy metabolism/obesity in Pima indians. Human Molecular Genetics, 1998, 7, 1431-1435.	1.4	261
64	Resistin, Obesity, and Insulin Resistance â€" The Emerging Role of the Adipocyte as an Endocrine Organ. New England Journal of Medicine, 2001, 345, 1345-1346.	13.9	246
65	Genetic loci influencing kidney function and chronic kidney disease. Nature Genetics, 2010, 42, 373-375.	9.4	246
66	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. Nature Communications, 2016, 7, 10495.	5.8	245
67	Large-Scale Gene-Centric Meta-Analysis across 39 Studies Identifies Type 2 Diabetes Loci. American Journal of Human Genetics, 2012, 90, 410-425.	2.6	239
68	Physical Activity and the Association of Common FTO Gene Variants With Body Mass Index and Obesity. Archives of Internal Medicine, 2008, 168, 1791.	4.3	237
69	Common Variants in 40 Genes Assessed for Diabetes Incidence and Response to Metformin and Lifestyle Intervention in the Diabetes Prevention Program. Diabetes, 2010, 59, 2672-2681.	0.3	234
70	The Pharmacogenetics Research Network: From SNP Discovery to Clinical Drug Response. Clinical Pharmacology and Therapeutics, 2007, 81, 328-345.	2.3	230
71	NRXN3 Is a Novel Locus for Waist Circumference: A Genome-Wide Association Study from the CHARGE Consortium. PLoS Genetics, 2009, 5, e1000539.	1.5	230
72	Pharmacogenomics: Challenges and Opportunities. Annals of Internal Medicine, 2006, 145, 749.	2.0	228

#	Article	IF	Citations
73	Large-Scale Gene-Centric Meta-analysis across 32 Studies Identifies Multiple Lipid Loci. American Journal of Human Genetics, 2012, 91, 823-838.	2.6	227
74	A Mutation in the Î²3-Adrenergic Receptor Gene Is Associated with Obesity and Hyperinsulinemia in Japanese Subjects. Biochemical and Biophysical Research Communications, 1995, 215, 555-560.	1.0	223
75	Loci associated with ischaemic stroke and its subtypes (SiGN): a genome-wide association study. Lancet Neurology, The, 2016, 15, 174-184.	4.9	217
76	Multisite Investigation of Outcomes WithÂImplementation of CYP2C19 Genotype-Guided Antiplatelet Therapy After Percutaneous Coronary Intervention. JACC: Cardiovascular Interventions, 2018, 11, 181-191.	1.1	213
77	CUBN Is a Gene Locus for Albuminuria. Journal of the American Society of Nephrology: JASN, 2011, 22, 555-570.	3.0	208
78	Lipoprotein Genotype and Conserved Pathway for Exceptional Longevity in Humans. PLoS Biology, 2006, 4, e113.	2.6	197
79	A Meta-Analysis of Thyroid-Related Traits Reveals Novel Loci and Gender-Specific Differences in the Regulation of Thyroid Function. PLoS Genetics, 2013, 9, e1003266.	1.5	194
80	Meta-analysis of genome-wide association studies from the CHARGE consortium identifies common variants associated with carotid intima media thickness and plaque. Nature Genetics, 2011, 43, 940-947.	9.4	191
81	Association Between a Novel Variant of the Human Type 2 Deiodinase Gene Thr92Ala and Insulin Resistance: Evidence of Interaction With the Trp64Arg Variant of the Â-3-Adrenergic Receptor. Diabetes, 2002, 51, 880-883.	0.3	190
82	The IGNITE network: a model for genomic medicine implementation and research. BMC Medical Genomics, 2015, 9, 1.	0.7	189
83	Comparative studies of resistin expression and phylogenomics in human and mouse. Biochemical and Biophysical Research Communications, 2003, 310, 927-935.	1.0	187
84	Analysis of the Gut Microbiota in the Old Order Amish and Its Relation to the Metabolic Syndrome. PLoS ONE, 2012, 7, e43052.	1.1	183
85	Heritability of life span in the Old Order Amish. American Journal of Medical Genetics Part A, 2001, 102, 346-352.	2.4	175
86	Directional dominance on stature and cognition inÂdiverse human populations. Nature, 2015, 523, 459-462.	13.7	173
87	Genome-Wide Association and Functional Follow-Up Reveals New Loci for Kidney Function. PLoS Genetics, 2012, 8, e1002584.	1.5	166
88	Clinical Pharmacogenetics Implementation Consortium Guideline for CYP2C19 Genotype and Clopidogrel Therapy: 2022 Update. Clinical Pharmacology and Therapeutics, 2022, 112, 959-967.	2.3	166
89	The Pharmacogenomics Research Network Translational Pharmacogenetics Program: Overcoming Challenges of Real-World Implementation. Clinical Pharmacology and Therapeutics, 2013, 94, 207-210.	2.3	164
90	A Central Role for GRB10 in Regulation of Islet Function in Man. PLoS Genetics, 2014, 10, e1004235.	1.5	164

#	Article	IF	Citations
91	Null Mutation in Hormone-Sensitive Lipase Gene and Risk of Type 2 Diabetes. New England Journal of Medicine, 2014, 370, 2307-2315.	13.9	163
92	Identification of Novel Candidate Genes for Type 2 Diabetes From a Genome-Wide Association Scan in the Old Order Amish. Diabetes, 2007, 56, 3053-3062.	0.3	162
93	Genome-wide physical activity interactions in adiposity â€• A meta-analysis of 200,452 adults. PLoS Genetics, 2017, 13, e1006528.	1.5	158
94	Elabela-Apelin Receptor Signaling Pathway is Functional in Mammalian Systems. Scientific Reports, 2015, 5, 8170.	1.6	156
95	DNA Methylation Analysis Identifies Loci for Blood Pressure Regulation. American Journal of Human Genetics, 2017, 101, 888-902.	2.6	154
96	Global implementation of genomic medicine: We are not alone. Science Translational Medicine, 2015, 7, 290ps13.	5.8	146
97	Variations in the G6PC2/ABCB11 genomic region are associated with fasting glucose levels. Journal of Clinical Investigation, 2008, 118, 2620-8.	3.9	146
98	PharmGKB summary. Pharmacogenetics and Genomics, 2012, 22, 159-165.	0.7	141
99	Loci influencing blood pressure identified using a cardiovascular gene-centric array. Human Molecular Genetics, 2013, 22, 1663-1678.	1.4	141
100	Genome-Wide and Fine-Mapping Linkage Studies of Type 2 Diabetes and Glucose Traits in the Old Order Amish: Evidence for a New Diabetes Locus on Chromosome 14q11 and Confirmation of a Locus on Chromosome 1q21-q24. Diabetes, 2003, 52, 550-557.	0.3	140
101	Genome-wide Association Studies Identify Genetic Loci Associated With Albuminuria in Diabetes. Diabetes, 2016, 65, 803-817.	0.3	131
102	The functional G143E variant of carboxylesterase 1 is associated with increased clopidogrel active metabolite levels and greater clopidogrel response. Pharmacogenetics and Genomics, 2013, 23, 1-8.	0.7	130
103	Sequencing of 640,000 exomes identifies GPR75 variants associated with protection from obesity. Science, 2021, 373, .	6.0	130
104	Common variants in the SLCO1B3 locus are associated with bilirubin levels and unconjugated hyperbilirubinemia. Human Molecular Genetics, 2009, 18, 2711-2718.	1.4	126
105	Effect of the Pro12Ala Variant of the Human Peroxisome Proliferator-Activated Receptor Î³2 Gene on Adiposity, Fat Distribution, and Insulin Sensitivity in Japanese Men. Biochemical and Biophysical Research Communications, 1998, 251, 195-198.	1.0	124
106	Phosphodiesterase 8B Gene Variants Are Associated with Serum TSH Levels and Thyroid Function. American Journal of Human Genetics, 2008, 82, 1270-1280.	2.6	124
107	Meta-analysis of Dense Genecentric Association Studies Reveals Common and Uncommon Variants Associated with Height. American Journal of Human Genetics, 2011, 88, 6-18.	2.6	122
108	Adiponectin Levels and Genotype: A Potential Regulator of Life Span in Humans. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2008, 63, 447-453.	1.7	121

#	Article	IF	Citations
109	Multiethnic genome-wide meta-analysis of ectopic fat depots identifies loci associated with adipocyte development and differentiation. Nature Genetics, 2017, 49, 125-130.	9.4	116
110	Genome-wide association study of kidney function decline in individuals of European descent. Kidney International, 2015, 87, 1017-1029.	2.6	113
111	Metformin Pharmacogenomics: Current Status and Future Directions. Diabetes, 2014, 63, 2590-2599.	0.3	112
112	cDNA Cloning, Genomic Structure, Chromosomal Mapping, and Functional Expression of a Novel Human Alanine Aminotransferase. Genomics, 2002, 79, 445-450.	1.3	111
113	Eating behavior in the Old Order Amish: heritability analysis and a genome-wide linkage analysis. American Journal of Clinical Nutrition, 2002, 75, 1098-1106.	2.2	110
114	A mutation of the b3-adrenergic receptor is associated with visceral obesity but decreased serum triglyceride. Diabetologia, 1997, 40, 469-472.	2.9	109
115	The genetic response to short-term interventions affecting cardiovascular function: Rationale and design of the Heredity and Phenotype Intervention (HAPI) Heart Study. American Heart Journal, 2008, 155, 823-828.	1.2	109
116	A meta-analytic investigation of linkage and association of common leptin receptor (LEPR) polymorphisms with body mass index and waist circumference. International Journal of Obesity, 2002, 26, 640-646.	1.6	106
117	Rethinking the genetic basis for comorbidity of schizophrenia and type 2 diabetes. Schizophrenia Research, 2010, 123, 234-243.	1.1	105
118	Linkage of Plasma Adiponectin Levels to 3q27 Explained by Association With Variation in the APM1 Gene. Diabetes, 2005, 54, 268-274.	0.3	104
119	Genetic Predictors of Weight Loss and Weight Regain After Intensive Lifestyle Modification, Metformin Treatment, or Standard Care in the Diabetes Prevention Program. Diabetes Care, 2012, 35, 363-366.	4.3	101
120	Genetic inactivation of ANGPTL4 improves glucose homeostasis and is associated with reduced risk of diabetes. Nature Communications, 2018, 9, 2252.	5.8	99
121	Variable bone fragility associated with an Amish COL1A2 variant and a knock-in mouse model. Journal of Bone and Mineral Research, 2010, 25, 247-261.	3.1	98
122	Association Between Chromosome 9p21 Variants and the Ankle-Brachial Index Identified by a Meta-Analysis of 21 Genome-Wide Association Studies. Circulation: Cardiovascular Genetics, 2012, 5, 100-112.	5.1	98
123	Hybrid DNA artifact from PCR of closely related target sequences. Nucleic Acids Research, 1989, 17, 4409-4409.	6.5	97
124	Genetic Variation in PEAR1 Is Associated With Platelet Aggregation and Cardiovascular Outcomes. Circulation: Cardiovascular Genetics, 2013, 6, 184-192.	5.1	97
125	Genome-wide analysis provides genetic evidence that ACE2 influences COVID-19 risk and yields risk scores associated with severe disease. Nature Genetics, 2022, 54, 382-392.	9.4	97
126	Variants of the insulin receptor substrate-1 and fatty acid binding protein 2 genes and the risk of type 2 diabetes, obesity, and hyperinsulinemia in African-Americans: the Atherosclerosis Risk in Communities Study. Diabetes, 1999, 48, 1868-1872.	0.3	96

#	Article	IF	Citations
127	Extension of Type 2 Diabetes Genome-Wide Association Scan Results in the Diabetes Prevention Program. Diabetes, 2008, 57, 2503-2510.	0.3	93
128	Fatty acid binding protein-2 gene variants and insulin resistance: gene and gene-environment interaction effects. Physiological Genomics, 2002, 10, 145-157.	1.0	91
129	COL4A1 Is Associated With Arterial Stiffness by Genome-Wide Association Scan. Circulation: Cardiovascular Genetics, 2009, 2, 151-158.	5.1	91
130	Genotyping. Journal of the American College of Cardiology, 2010, 56, 112-116.	1.2	90
131	Platelet aggregation pathway. Pharmacogenetics and Genomics, 2011, 21, 516-521.	0.7	90
132	Common Genetic Variation in the 3â€²- BCL11B Gene Desert Is Associated With Carotid-Femoral Pulse Wave Velocity and Excess Cardiovascular Disease Risk. Circulation: Cardiovascular Genetics, 2012, 5, 81-90.	5.1	90
133	SNP43 of CAPN10 and the Risk of Type 2 Diabetes in African-Americans: The Atherosclerosis Risk in Communities Study. Diabetes, 2002, 51, 231-237.	0.3	89
134	Changes in Insulin Sensitivity in Response to Troglitazone Do Not Differ Between Subjects With and Without the Common, Functional Pro12Ala Peroxisome Proliferator-Activated Receptor-Â2 Gene Variant: Results from the Troglitazone in Prevention of Diabetes (TRIPOD) study. Diabetes Care, 2004, 27, 1365-1368.	4.3	88
135	Genetic Variation in Adiponectin Receptor 1 and Adiponectin Receptor 2 Is Associated With Type 2 Diabetes in the Old Order Amish. Diabetes, 2005, 54, 2245-2250.	0.3	88
136	The effect of elinogrel on high platelet reactivity during dual antiplatelet therapy and the relation to cyp 2c19*2 genotype: first experience in patients. Journal of Thrombosis and Haemostasis, 2010, 8, 43-53.	1.9	87
137	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. Nature Communications, 2021, 12, 24.	5.8	87
138	QTL Influencing Blood Pressure Maps to the Region of PPH1 on Chromosome 2q31-34 in Old Order Amish. Circulation, 2000, 101, 2810-2816.	1.6	86
139	Association of a common nonsynonymous variant in GLUT9 with serum uric acid levels in old order amish. Arthritis and Rheumatism, 2008, 58, 2874-2881.	6.7	86
140	Chromosomal Localization and Partial Genomic Structure of the Human Peroxisome Proliferator Activated Receptor-Gamma (hPPARÎ³) Gene. Biochemical and Biophysical Research Communications, 1997, 233, 756-759.	1.0	85
141	A Functional Variant in the Peroxisome Proliferator-Activated Receptor Â2 Promoter Is Associated With Predictors of Obesity and Type 2 Diabetes in Pima Indians. Diabetes, 2003, 52, 1864-1871.	0.3	85
142	Associations of autozygosity with a broad range of human phenotypes. Nature Communications, 2019, 10, 4957.	5.8	84
143	Implementation of pharmacogenetics: The University of Maryland personalized antiâ€platelet pharmacogenetics program. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2014, 166, 76-84.	0.7	82
144	Clopidogrel: A Case for Indication-Specific Pharmacogenetics. Clinical Pharmacology and Therapeutics, 2012, 91, 774-776.	2.3	81

#	Article	IF	Citations
145	Genome-wide association analyses highlight etiological differences underlying newly defined subtypes of diabetes. Nature Genetics, 2021, 53, 1534-1542.	9.4	81
146	Murine alanine aminotransferase: cDNA cloning, functional expression, and differential gene regulation in mouse fatty liver. Hepatology, 2004, 39, 1297-1302.	3.6	79
147	Familial Defective Apolipoprotein B-100 and Increased Low-Density Lipoprotein Cholesterol and Coronary Artery Calcification in the Old Order Amish. Archives of Internal Medicine, 2010, 170, 1850-5.	4.3	79
148	The relation between CYP2C19 genotype and phenotype in stented patients on maintenance dual antiplatelet therapy. American Heart Journal, 2011, 161, 598-604.	1.2	78
149	Genetic Variation at NCAN Locus Is Associated with Inflammation and Fibrosis in Non-Alcoholic Fatty Liver Disease in Morbid Obesity. Human Heredity, 2013, 75, 34-43.	0.4	78
150	rs641738C>T near MBOAT7 is associated with liver fat, ALT and fibrosis in NAFLD: A meta-analysis. Journal of Hepatology, 2021, 74, 20-30.	1.8	77
151	Does Having Children Extend Life Span? A Genealogical Study of Parity and Longevity in the Amish. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2006, 61, 190-195.	1.7	76
152	The role of peroxisome proliferator-activated receptor gamma in diabetes and obesity. Current Diabetes Reports, 2002, 2, 179-185.	1.7	75
153	Genotype-based changes in serum uric acid affect blood pressure. Kidney International, 2012, 81, 502-507.	2.6	75
154	Genome-Wide Scan of Obesity in the Old Order Amish1. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 1199-1205.	1.8	74
155	Variants in the Ghrelin Gene Are Associated with Metabolic Syndrome in the Old Order Amish. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 6672-6677.	1.8	74
156	Paraoxonase 1 (PON1) Gene Variants Are Not Associated With Clopidogrel Response. Clinical Pharmacology and Therapeutics, 2011, 90, 568-574.	2.3	74
157	Serum 25-Hydroxyvitamin D Levels Are Not Associated with Subclinical Vascular Disease or C-Reactive Protein in the Old Order Amish. Calcified Tissue International, 2009, 84, 195-202.	1.5	72
158	Pan-ancestry exome-wide association analyses of COVID-19 outcomes in 586,157 individuals. American Journal of Human Genetics, 2021, 108, 1350-1355.	2.6	72
159	Associations between Genetic Variants in the NOS1AP (CAPON) Gene and Cardiac Repolarization in the Old Order Amish. Human Heredity, 2007, 64, 214-219.	0.4	71
160	Cardiovascular Pharmacogenomics. Circulation Research, 2011, 109, 807-820.	2.0	71
161	Pharmacogenomic polygenic response score predicts ischaemic events and cardiovascular mortality in clopidogrel-treated patients. European Heart Journal - Cardiovascular Pharmacotherapy, 2020, 6, 203-210.	1.4	69
162	Genome-Wide Scan of Obesity in the Old Order Amish. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 1199-1205.	1.8	69

#	Article	IF	Citations
163	Purine Pathway Implicated in Mechanism of Resistance to Aspirin Therapy: Pharmacometabolomics-Informed Pharmacogenomics. Clinical Pharmacology and Therapeutics, 2013, 94, 525-532.	2.3	68
164	Monogenic diabetes in overweight and obese youth diagnosed with type 2 diabetes: the TODAY clinical trial. Genetics in Medicine, 2018, 20, 583-590.	1.1	68
165	Analysis of rare genetic variation underlying cardiometabolic diseases and traits among 200,000 individuals in the UK Biobank. Nature Genetics, 2022, 54, 240-250.	9.4	68
166	A genome-wide scan of serum lipid levels in the Old Order Amish. Atherosclerosis, 2004, 173, 89-96.	0.4	66
167	Mucus sialylation determines intestinal host-commensal homeostasis. Cell, 2022, 185, 1172-1188.e28.	13.5	66
168	Variants in Scavenger Receptor Class B Type I Gene Are Associated with HDL Cholesterol Levels in Younger Women. Human Heredity, 2007, 64, 107-113.	0.4	65
169	Association of the Vitamin D Metabolism Gene CYP24A1 With Coronary Artery Calcification. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 2648-2654.	1.1	65
170	The C Allele of ATM rs11212617 Does Not Associate With Metformin Response in the Diabetes Prevention Program. Diabetes Care, 2012, 35, 1864-1867.	4.3	65
171	The CYP2C19*17 variant is not independently associated with clopidogrel response. Journal of Thrombosis and Haemostasis, 2013, 11, 1640-1646.	1.9	65
172	Integration of genome-wide association studies with biological knowledge identifies six novel genes related to kidney function. Human Molecular Genetics, 2012, 21, 5329-5343.	1.4	64
173	Genetic and environmental influences on bone mineral density in pre- and post-menopausal women. Osteoporosis International, 2005, 16, 1849-1856.	1.3	63
174	Determinants of Coronary Artery and Aortic Calcification in the Old Order Amish. Circulation, 2007, 115, 717-724.	1.6	63
175	Stroke Genetics Network (SiGN) Study. Stroke, 2013, 44, 2694-2702.	1.0	62
176	TM6SF2 rs58542926 impacts lipid processing in liver and small intestine. Hepatology, 2017, 65, 1526-1542.	3.6	62
177	Loss-of-Function ABCC8 Mutations in Pulmonary Arterial Hypertension. Circulation Genomic and Precision Medicine, 2018, 11, e002087.	1.6	62
178	Polymorphisms in Both Promoters of Hepatocyte Nuclear Factor 4-Â Are Associated With Type 2 Diabetes in the Amish. Diabetes, 2004, 53, 3337-3341.	0.3	61
179	Association of Single Nucleotide Polymorphisms on Chromosome 9p21.3 With Platelet Reactivity. Circulation: Cardiovascular Genetics, 2010, 3, 445-453.	5.1	61
180	Pro12Ala of the Peroxisome Proliferator-Activated Receptor-Â2 Gene Is Associated With Lower Serum Insulin Levels in Nonobese African Americans: The Atherosclerosis Risk in Communities Study. Diabetes, 2003, 52, 1568-1572.	0.3	60

#	Article	IF	Citations
181	Association between bilirubin and cardiovascular disease risk factors: using Mendelian randomization to assess causal inference. BMC Cardiovascular Disorders, 2012, 12, 16.	0.7	59
182	Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. Nature Communications, 2020, 11, 2542.	5.8	59
183	PCR-induced (ligase-free) subcloning: a rapid reliable method to subclone polymerase chain reaction (PCR) products. Nucleic Acids Research, 1990, 18, 1920-1920.	6.5	58
184	Profiling and Leveraging Relatedness in a Precision Medicine Cohort of 92,455 Exomes. American Journal of Human Genetics, 2018, 102, 874-889.	2.6	58
185	Mutations inGng3lgandAGPAT2in Berardinelli-Seip Congenital Lipodystrophy and Brunzell Syndrome: Phenotype Variability Suggests Important Modifier Effects. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 2916-2922.	1.8	55
186	Association between obesity and a polymorphism in the Î²1-adrenoceptor gene (Gly389Arg ADRB1) in Caucasian women. International Journal of Obesity, 2002, 26, 633-639.	1.6	53
187	The Relationship between Parity and Bone Mineral Density in Women Characterized by a Homogeneous Lifestyle and High Parity. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 4536-4541.	1.8	53
188	Quantitative Trait Loci for BMD Identified by Autosome-Wide Linkage Scan to Chromosomes 7q and 21q in Men from the Amish Family Osteoporosis Study. Journal of Bone and Mineral Research, 2006, 21, 1433-1442.	3.1	52
189	Habitual Sleep/Wake Patterns in the Old Order Amish: Heritability and Association with Non-Genetic Factors. Sleep, 2011, 34, 661-669.	0.6	51
190	A functional haplotype in EIF2AK3, an ER stress sensor, is associated with lower bone mineral density. Journal of Bone and Mineral Research, 2012, 27, 331-341.	3.1	51
191	Clinical and Molecular Prevalence of Lipodystrophy in an Unascertained Large Clinical Care Cohort. Diabetes, 2020, 69, 249-258.	0.3	51
192	THE INSULIN-LIKE GROWTH FACTOR I (IGF-I) GENE IS EXPRESSED IN CHICK EMBRYOS DURING EARLY ORGANOGENESIS. Endocrinology, 1990, 127, 1547-1549.	1.4	50
193	The Thr92Ala Deiodinase Type 2 (DIO2) Variant Is Not Associated with Type 2 Diabetes or Indices of Insulin Resistance in the Old Order of Amish. Thyroid, 2005, 15, 1223-1227.	2.4	50
194	Pharmacogenomics: Application to the Management of Cardiovascular Disease. Clinical Pharmacology and Therapeutics, 2011, 90, 519-531.	2.3	50
195	The genetics of obesity. Endocrinology and Metabolism Clinics of North America, 2003, 32, 761-786.	1.2	49
196	Anti-inflammatory effects of simvastatin on adipokines in type 2 diabetic patients with carotid atherosclerosis. Diabetes and Vascular Disease Research, 2009, 6, 262-268.	0.9	49
197	TRP64ARG Î²3-adrenergic receptor and obesity in Mexican Americans. Human Genetics, 1997, 101, 306-311.	1.8	48
198	Obesity-related phenotypes and the beta3-adrenoceptor gene variant in postmenopausal women. Diabetes, 1999, 48, 1425-1428.	0.3	48

#	Article	IF	Citations
199	Does Genetic Testing for Obesity Influence Confidence in the Ability to Lose Weight? A Pilot Investigation. Journal of the American Dietetic Association, 2001, 101, 1351-1353.	1.3	48
200	Determination of Gene Dosage by a Quantitative Adaptation of the Polymerase Chain Reaction (gd-PCR): Rapid Detection of Deletions and Duplications of Gene Sequences. Genomics, 1994, 21, 304-310.	1.3	47
201	Assessment of sex-specific genetic and environmental effects on bone mineral density. Genetic Epidemiology, 2004, 27, 153-161.	0.6	47
202	Evidence for several independent genetic variants affecting lipoprotein (a) cholesterol levels. Human Molecular Genetics, 2015, 24, 2390-2400.	1.4	47
203	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.	4.7	47
204	Genomic diagnostics within a medically underserved population: efficacy and implications. Genetics in Medicine, 2018, 20, 31-41.	1.1	47
205	Variation in the Lamin A/C Gene. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 1708-1713.	1.1	46
206	A Common Variant in the SETD7 Gene Predicts Serum Lycopene Concentrations. Nutrients, 2016, 8, 82.	1.7	45
207	Pancreatic regeneration (reg) gene expression in a rat model of islet hyperplasia. Surgery, 1996, 119, 576-584.	1.0	44
208	Obesity gene variant and elite endurance performance. Metabolism: Clinical and Experimental, 2001, 50, 1391-1392.	1.5	44
209	Polymorphism in the Calsequestrin 1 (CASQ1) Gene on Chromosome 1q21 Is Associated With Type 2 Diabetes in the Old Order Amish. Diabetes, 2004, 53, 3292-3299.	0.3	44
210	Association Between Body Fat Response to Exercise Training and Multilocus ADR Genotypes. Obesity, 2004, 12, 807-815.	4.0	44
211	Candidate Gene Association Study of Coronary Artery Calcification in Chronic Kidney Disease. Journal of the American College of Cardiology, 2013, 62, 789-798.	1.2	44
212	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.	1.6	44
213	Isolation and Characterization of Two Different Insulins from an Amphibian,Xenopus laevis*. Endocrinology, 1989, 125, 469-477.	1.4	43
214	Genetics of insulin resistance. Current Diabetes Reports, 2002, 2, 83-95.	1.7	43
215	TCF7L2 Variants Associate with CKD Progression and Renal Function in Population-Based Cohorts. Journal of the American Society of Nephrology: JASN, 2008, 19, 1989-1999.	3.0	43
216	Modeled nitrate levels in well water supplies and prevalence of abnormal thyroid conditions among the Old Order Amish in Pennsylvania. Environmental Health, 2012, 11, 6.	1.7	42

#	Article	IF	Citations
217	Global Pharmacogenomics Within Precision Medicine: Challenges and Opportunities. Clinical Pharmacology and Therapeutics, 2020, 107, 57-61.	2.3	42
218	Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. Kidney International, 2021, 99, 926-939.	2.6	42
219	Investigations of the Y Chromosome, Male Founder Structure and YSTR Mutation Rates in the Old Order Amish. Human Heredity, 2008, 65, 91-104.	0.4	41
220	Aspirin Resistance in Healthy Drug-Naive Men Versus Women (from the Heredity and Phenotype) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	0.7	41
221	Î²3-adrenoceptor gene variant in obesity and insulin resistance. Lancet, The, 1996, 348, 1584-1585.	6.3	40
222	The Association of Coronary Artery Calcification and Carotid Artery Intima-Media Thickness With Distinct, Traditional Coronary Artery Disease Risk Factors in Asymptomatic Adults. American Journal of Epidemiology, 2008, 168, 1016-1023.	1.6	39
223	A Common Variant in the Telomerase RNA Component Is Associated with Short Telomere Length. PLoS ONE, 2010, 5, e13048.	1.1	39
224	Effects of Genetic Variants Previously Associated with Fasting Glucose and Insulin in the Diabetes Prevention Program. PLoS ONE, 2012, 7, e44424.	1.1	39
225	FABP2 Ala54Thr genotype is associated with glucoregulatory function and lipid oxidation after a high-fat meal in sedentary nondiabetic men and women. American Journal of Clinical Nutrition, 2007, 85, 102-108.	2.2	38
226	Genomic characterization of the coding region of the human type II 5â€²-deiodinase gene. Molecular and Cellular Endocrinology, 1998, 141, 49-52.	1.6	37
227	No effect of the Trp64Arg [beta]3-adrenoceptor gene variant on weight loss, body composition, or energy expenditure in obese, caucasian postmenopausal women. Metabolism: Clinical and Experimental, 2002, 51, 801-805.	1.5	37
228	A Genome-Wide Scan for Autoimmune Thyroiditis in the Old Order Amish: Replication of Genetic Linkage on Chromosome 5q11.2-q14.3. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 1292-1296.	1.8	37
229	Variation Within the Gene Encoding the Upstream Stimulatory Factor 1 Does Not Influence Susceptibility to Type 2 Diabetes in Samples From Populations With Replicated Evidence of Linkage to Chromosome 1q. Diabetes, 2006, 55, 2541-2548.	0.3	37
230	Association of APOEpolymorphism with chronic kidney disease in a nationally representative sample: a Third National Health and Nutrition Examination Survey (NHANES III) Genetic Study. BMC Medical Genetics, 2009, 10, 108.	2.1	37
231	Endurance trainingâ€“induced changes in the insulin response to oral glucose are associated with the peroxisome proliferatorâ€“activated receptor-Î³2 Pro12Ala genotype in men but not in women. Metabolism: Clinical and Experimental, 2005, 54, 97-102.	1.5	36
232	The role of cigarette smoking and statins in the development of postmenopausal osteoporosis: a pilot study utilizing the Marshfield Clinic Personalized Medicine Cohort. Osteoporosis International, 2010, 21, 467-477.	1.3	36
233	Evaluation of A2BP1 as an Obesity Gene. Diabetes, 2010, 59, 2837-2845.	0.3	36
234	Mendelian randomization supports bidirectional causality between telomere length and clonal hematopoiesis of indeterminate potential. Science Advances, 2022, 8, eabl6579.	4.7	36

#	Article	IF	Citations
235	Hypertrophyâ€Associated Polymorphisms Ascertained in a Founder Cohort Applied to Heart Failure Risk and Mortality. Clinical and Translational Science, 2011, 4, 17-23.	1.5	35
236	Common Variation in the LMNA Gene (Encoding Lamin A/C) and Type 2 Diabetes: Association Analyses in 9,518 Subjects. Diabetes, 2007, 56, 879-883.	0.3	34
237	Effect of zinc supplementation on insulin secretion: interaction between zinc and SLC30A8 genotype in Old Order Amish. Diabetologia, 2015, 58, 295-303.	2.9	34
238	Trp64Arg Variant of theÎ² 3-Adrenoceptor and Insulin Resistance in Obese Postmenopausal Women1. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 4002-4005.	1.8	33
239	Common Variants in Mendelian Kidney Disease Genes and Their Association with Renal Function. Journal of the American Society of Nephrology: JASN, 2013, 24, 2105-2117.	3.0	33
240	The ABCG8 G574R Variant, Serum Plant Sterol Levels, and Cardiovascular Disease Risk in the Old Order Amish. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 413-419.	1.1	33
241	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, 1359-1371.	1.5	33
242	Evidence that Xenopus laevis contains two different nonallelic insulin-like growth factor-I genes. Biochemical and Biophysical Research Communications, 1990, 166, 223-230.	1.0	32
243	A Recombinant Rat Regenerating Protein Is Mitogenic to Pancreatic Derived Cells. Journal of Surgical Research, 2000, 89, 60-65.	0.8	32
244	Physical activity and prevention of type 2 diabetes. Lancet, The, 2003, 361, 87-88.	6.3	32
245	Variants in ARHGEF11, a Candidate Gene for the Linkage to Type 2 Diabetes on Chromosome 1q, Are Nominally Associated With Insulin Resistance and Type 2 Diabetes in Pima Indians. Diabetes, 2007, 56, 1454-1459.	0.3	32
246	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.	2.3	32
247	Role of the beta 3-adrenergic receptor locus in obesity and noninsulin- dependent diabetes among members of Caucasian families with a diabetic sibling pair. Journal of Clinical Endocrinology and Metabolism, 1996, 81, 4422-4427.	1.8	32
248	Transgenic Animals. New England Journal of Medicine, 1996, 334, 653-654.	13.9	31
249	Molecular scanning for mutations in the insulin receptor substrate-1 (IRS-1) gene in Mexican Americans with Type 2 diabetes mellitus. Diabetes/Metabolism Research and Reviews, 2000, 16, 370-377.	1.7	31
250	Activating Transcription Factor 6 (ATF6) Sequence Polymorphisms in Type 2 Diabetes and Pre-Diabetic Traits. Diabetes, 2007, 56, 856-862.	0.3	31
251	Relationship between Vascular Calcification and Bone Mineral Density in the Old-Order Amish. Calcified Tissue International, 2007, 80, 244-250.	1.5	31
252	Responding to the Clopidogrel Warning by the US Food and Drug Administration. Circulation, 2010, 122, 445-448.	1.6	31

#	Article	IF	Citations
253	Impact of Common Variation in Bone-Related Genes on Type 2 Diabetes and Related Traits. Diabetes, 2012, 61, 2176-2186.	0.3	31
254	Effectiveness of clopidogrel dose escalation to normalize active metabolite exposure and antiplatelet effects in CYP2C19 poor metabolizers. Journal of Clinical Pharmacology, 2014, 54, 865-873.	1.0	31
255	Molecular scanning for mutations in the beta 3-adrenergic receptor gene in Nauruans with obesity and noninsulin-dependent diabetes mellitus. Journal of Clinical Endocrinology and Metabolism, 1996, 81, 4155-4158.	1.8	31
256	The Î²3-adrenergic receptor in the obesity and diabetes prone rhesus monkey is very similar to human and contains arginine at codon 64. Gene, 1997, 188, 207-213.	1.0	30
257	Reduced Incidence of Hip Fracture in the Old Order Amish. Journal of Bone and Mineral Research, 2003, 19, 308-313.	3.1	30
258	Evidence That Rho Guanine Nucleotide Exchange Factor 11 (ARHGEF11) on 1q21 is a Type 2 Diabetes Susceptibility Gene in the Old Order Amish. Diabetes, 2007, 56, 1363-1368.	0.3	30
259	Linkage Disequilibrium Mapping of the Replicated Type 2 Diabetes Linkage Signal on Chromosome 1q. Diabetes, 2009, 58, 1704-1709.	0.3	30
260	RNA template-specific polymerase chain reaction (RS-PCR): a novel strategy to reduce dramatically false positives. Gene, 1990, 91, 139-142.	1.0	29
261	Exploring the genetics of longevity in the Old Order Amish. Mechanisms of Ageing and Development, 2005, 126, 347-350.	2.2	29
262	The Association of Podocin R229Q Polymorphism With Increased Albuminuria or Reduced Estimated GFR in a Large Population-Based Sample of US Adults. American Journal of Kidney Diseases, 2008, 52, 868-875.	2.1	29
263	Genetic Modulation of Lipid Profiles following Lifestyle Modification or Metformin Treatment: The Diabetes Prevention Program. PLoS Genetics, 2012, 8, e1002895.	1.5	29
264	Identification of a Variant in KDR Associated with Serum VEGFR2 and Pharmacodynamics of Pazopanib. Clinical Cancer Research, 2015, 21, 365-372.	3.2	29
265	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.	2.1	29
266	Mutation spectrum of NOD2 reveals recessive inheritance as a main driver of Early Onset Crohnâ€™s Disease. Scientific Reports, 2021, 11, 5595.	1.6	29
267	Genome sequencing unveils a regulatory landscape of platelet reactivity. Nature Communications, 2021, 12, 3626.	5.8	29
268	High heritability of ascending aortic diameter and trans-ancestry prediction of thoracic aortic disease. Nature Genetics, 2022, 54, 772-782.	9.4	29
269	Pharmacogenomics of anti-platelet therapy: how much evidence is enough for clinical implementation?. Journal of Human Genetics, 2013, 58, 339-345.	1.1	28
270	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, 2498-2510.	1.4	28

#	Article	IF	Citations
271	Chronotype and seasonality: Morningness is associated with lower seasonal mood and behavior changes in the Old Order Amish. Journal of Affective Disorders, 2015, 174, 209-214.	2.0	28
272	Familial Hypercholesterolemia and Type 2 Diabetes in the Old Order Amish. Diabetes, 2017, 66, 2054-2058.	0.3	28
273	Polymorphisms in the Glucokinase-Associated, Dual-Specificity Phosphatase 12 (DUSP12) Gene Under Chromosome 1q21 Linkage Peak Are Associated With Type 2 Diabetes. Diabetes, 2006, 55, 2631-2639.	0.3	27
274	Accounting for Relatedness in Family Based Genetic Association Studies. Human Heredity, 2007, 64, 234-242.	0.4	27
275	Pharmacogenetics and Clopidogrel Response in Patients Undergoing Percutaneous Coronary Interventions. Clinical Pharmacology and Therapeutics, 2011, 89, 455-459.	2.3	27
276	Educational innovations in clinical pharmacogenomics. Clinical Pharmacology and Therapeutics, 2016, 99, 582-584.	2.3	27
277	TCF7L2 Polymorphism, Weight Loss and Proinsulinâ¶Insulin Ratio in the Diabetes Prevention Program. PLoS ONE, 2011, 6, e21518.	1.1	27
278	Insulin Response to Glucose Is Lower in Individuals Homozygous for the Arg 64 Variant of the Î²-3-Adrenergic Receptor1. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 4019-4022.	1.8	26
279	Genetics of Diabetes. Reviews in Endocrine and Metabolic Disorders, 2004, 5, 25-36.	2.6	26
280	Expression, purification, and initial characterization of human alanine aminotransferase (ALT) isoenzyme 1 and 2 in High-five insect cells. Protein Expression and Purification, 2008, 60, 225-231.	0.6	26
281	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.	1.9	26
282	Polygenic Risk of Psychiatric Disorders Exhibits Cross-trait Associations in Electronic Health Record Data From European Ancestry Individuals. Biological Psychiatry, 2021, 89, 236-245.	0.7	26
283	GWAS of serum ALT and AST reveals an association of SLC30A10 Thr95Ile with hypermanganesemia symptoms. Nature Communications, 2021, 12, 4571.	5.8	26
284	Glucokinase regulatory protein gene polymorphism affects postprandial lipemic response in a dietary intervention study. Human Genetics, 2009, 126, 567-574.	1.8	25
285	Genetic determinants of the ankle-brachial index: A meta-analysis of a cardiovascular candidate gene 50K SNP panel in the candidate gene association resource (CARe) consortium. Atherosclerosis, 2012, 222, 138-147.	0.4	25
286	Genes and pathophysiology of type 2 diabetes: more than just the Randle cycle all over again. Journal of Clinical Investigation, 2004, 114, 1414-1417.	3.9	25
287	Seasonality Shows Evidence for Polygenic Architecture and Genetic Correlation With Schizophrenia and Bipolar Disorder. Journal of Clinical Psychiatry, 2015, 76, 128-134.	1.1	25
288	Ligase-free subcloning: A versatile method to subclone polymerase chain reaction (PCR) products in a single day. Analytical Biochemistry, 1991, 194, 9-15.	1.1	24

#	Article	IF	Citations
289	Single nucleotide polymorphism upstream of interleukin 28B associated with phase 1 and phase 2 of early viral kinetics in patients infected with HCV genotype 1. Journal of Hepatology, 2012, 56, 557-563.	1.8	24
290	Oxylipid Profile of Lowâ€Dose Aspirin Exposure: A Pharmacometabolomics Study. Journal of the American Heart Association, 2015, 4, e002203.	1.6	24
291	NFAT5 and SLC4A10 Loci Associate with Plasma Osmolality. Journal of the American Society of Nephrology: JASN, 2017, 28, 2311-2321.	3.0	24
292	Pharmacogenetic Associations of Î²1-Adrenergic Receptor Polymorphisms With Cardiovascular Outcomes in the SPS3 Trial (Secondary Prevention of Small Subcortical Strokes). Stroke, 2017, 48, 1337-1343.	1.0	24
293	Genome-wide and candidate gene approaches of clopidogrel efficacy using pharmacodynamic and clinical end pointsâ€"Rationale and design of the International Clopidogrel Pharmacogenomics Consortium (ICPC). American Heart Journal, 2018, 198, 152-159.	1.2	24
294	Circulating CD34+ Cell Count is Associated with Extent of Subclinical Atherosclerosis in Asymptomatic Amish Men, Independent of 10-Year Framingham Risk. Clinical Medicine Cardiology, 2009, 3, CMC.S2111.	0.1	24
295	No effect of the Trp64Arg Î² 3 -adrenoceptor variant on in vivo lipolysis in subcutaneous adipose tissue. Diabetologia, 1997, 40, 838-842.	2.9	23
296	FABP2 genotype is associated with insulin sensitivity in older women. Metabolism: Clinical and Experimental, 2001, 50, 1102-1105.	1.5	23
297	Alcohol Consumption and Risk of Coronary Artery Disease (from the Million Veteran Program). American Journal of Cardiology, 2018, 121, 1162-1168.	0.7	23
298	Pancreatic reg Gene Expression Is Inhibited During Cellular Differentiation. Annals of Surgery, 1997, 225, 327-332.	2.1	23
299	Living the Good Life? Mortality and Hospital Utilization Patterns in the Old Order Amish. PLoS ONE, 2012, 7, e51560.	1.1	22
300	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, 713-724.	1.8	22
301	Genome-wide analysis of clopidogrel active metabolite levels identifies novel variants that influence antiplatelet response. Pharmacogenetics and Genomics, 2017, 27, 159-163.	0.7	22
302	Rare genetic coding variants associated with human longevity and protection against age-related diseases. Nature Aging, 2021, 1, 783-794.	5.3	22
303	Insulin Response to Glucose Is Lower in Individuals Homozygous for the Arg 64 Variant of the Â-3-Adrenergic Receptor. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 4019-4022.	1.8	22
304	The CFTR Met 470 Allele Is Associated with Lower Birth Rates in Fertile Men from a Population Isolate. PLoS Genetics, 2010, 6, e1000974.	1.5	21
305	Determinants of Blood Pressure Response to Lowâ€Salt Intake in a Healthy Adult Population. Journal of Clinical Hypertension, 2011, 13, 795-800.	1.0	21
306	CPT1A methylation is associated with plasma adiponectin. Nutrition, Metabolism and Cardiovascular Diseases, 2017, 27, 225-233.	1.1	21

#	Article	IF	Citations
307	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.	2.0	21
308	Competitive Reverse-Transcriptase Polymerase Chain Reaction without an Artificial Internal Standard. Analytical Biochemistry, 1995, 224, 339-346.	1.1	20
309	Î²2- and Î²3-Adrenergic receptor polymorphisms and exercise hemodynamics in postmenopausal women. Journal of Applied Physiology, 2004, 96, 526-530.	1.2	20
310	Obesity Genes and Geneâ€“Environmentâ€“Behavior Interactions: Recommendations for a Way Forward. Obesity, 2008, 16, S79-81.	1.5	20
311	Genetic influences on blood pressure response to the cold pressor test: results from the Heredity and Phenotype Intervention Heart Study. Journal of Hypertension, 2008, 26, 729-736.	0.3	20
312	The genetic interface between gestational diabetes and type 2 diabetes. Journal of Maternal-Fetal and Neonatal Medicine, 2012, 25, 36-40.	0.7	20
313	Decreased Bone Mineral Density in Subjects Carrying Familial Defective Apolipoprotein B-100. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E1999-E2005.	1.8	20
314	The Influence of Rare Genetic Variation in SLC30A8 on Diabetes Incidence and Î²-Cell Function. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E926-E930.	1.8	20
315	A Genome-Wide Linkage Scan of Insulin Level Derived Traits: The Amish Family Diabetes Study. Diabetes, 2007, 56, 2643-2648.	0.3	19
316	Genome-Wide Association Scan Identifies Variants near Matrix Metalloproteinase (MMP) Genes on Chromosome 11q21â€“22 Strongly Associated With Serum MMP-1 Levels. Circulation: Cardiovascular Genetics, 2009, 2, 329-337.	5.1	19
317	Heritability of complex white matter diffusion traits assessed in a population isolate. Human Brain Mapping, 2016, 37, 525-535.	1.9	19
318	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.	1.1	19
319	Correlation of Circulating MMP-9 with White Blood Cell Count in Humans: Effect of Smoking. PLoS ONE, 2013, 8, e66277.	1.1	19
320	Variants inANGPTL4and the Risk of Coronary Artery Disease. New England Journal of Medicine, 2016, 375, 2303-2306.	13.9	18
321	User-centered design of multi-gene sequencing panel reports for clinicians. Journal of Biomedical Informatics, 2016, 63, 1-10.	2.5	18
322	A multi-ethnic epigenome-wide association study of leukocyte DNA methylation and blood lipids. Nature Communications, 2021, 12, 3987.	5.8	18
323	Mammographic Breast Densityâ€”Evidence for Genetic Correlations with Established Breast Cancer Risk Factors. Cancer Epidemiology Biomarkers and Prevention, 2008, 17, 3509-3516.	1.1	17
324	Genetic Effects on Postprandial Variations of Inflammatory Markers in Healthy Individuals. Obesity, 2010, 18, 1417-1422.	1.5	17

#	Article	IF	Citations
325	Seasonality of mood and behavior in the Old Order Amish. Journal of Affective Disorders, 2013, 147, 112-117.	2.0	17
326	Assignment of Functional Relevance to Genes at Type 2 Diabetes-Associated Loci Through Investigation of Î²-Cell Mass Deficits. Molecular Endocrinology, 2016, 30, 429-445.	3.7	17
327	Reversal of Agingâ€Induced Increases in Aortic Stiffness by Targeting Cytoskeletal Proteinâ€Protein Interfaces. Journal of the American Heart Association, 2018, 7, .	1.6	17
328	Trp64Arg Î²3â€Adrenoceptor: When Does a Candidate Gene Become a Diseaseâ€Susceptibility Gene?. Obesity, 2001, 9, 806-809.	4.0	16
329	New progress in adipocytokine research. Current Opinion in Endocrinology, Diabetes and Obesity, 2003, 10, 115-121.	0.6	16
330	Functional Variants inMBL2Are Associated With Type 2 Diabetes and Pre-Diabetes Traits in Pima Indians and the Old Order Amish. Diabetes, 2010, 59, 2080-2085.	0.3	16
331	Genetic variation of Glucose Transporter-1 (GLUT1) and albuminuria in 10,278 European Americans and African Americans: a case-control study in the Atherosclerosis Risk in Communities (ARIC) Study. BMC Medical Genetics, 2011, 12, 16.	2.1	16
332	Heritability of serum sodium concentration: evidence for sex- and ethnic-specific effects. Physiological Genomics, 2012, 44, 220-228.	1.0	16
333	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.	1.8	16
334	A population-specific reference panel empowers genetic studies of Anabaptist populations. Scientific Reports, 2017, 7, 6079.	1.6	16
335	Genome-wide association analysis of common genetic variants of resistant hypertension. Pharmacogenomics Journal, 2019, 19, 295-304.	0.9	16
336	Persistent Staphylococcus aureus Colonization Is Not a Strongly Heritable Trait in Amish Families. PLoS ONE, 2011, 6, e17368.	1.1	16
337	Molecular Scanning of Î²-3-Adrenergic Receptor Gene in Total Congenital Lipoatrophic Diabetes Mellitus*. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 3395-3398.	1.8	15
338	Genetics of obesity: More complicated than initially thought. Lipids, 2003, 38, 97-101.	0.7	15
339	Letter by Gurbel et al Regarding Article, â€œCytochrome 2C19*17 Allelic Variant, Platelet Aggregation, Bleeding Events, and Stent Thrombosis in Clopidogrel-Treated Patients With Coronary Stent Placementâ€. Circulation, 2010, 122, e478; author reply e479.	1.6	15
340	Exome-chip meta-analysis identifies association between variation in ANKRD26 and platelet aggregation. Platelets, 2019, 30, 164-173.	1.1	15
341	Genes and pathophysiology of type 2 diabetes: more than just the Randle cycle all over again. Journal of Clinical Investigation, 2004, 114, 1414-1417.	3.9	15
342	Differences in prevalence and severity of coronary artery calcification between two non-Hispanic white populations with diverse lifestyles. Atherosclerosis, 2008, 196, 888-895.	0.4	14

#	Article	IF	Citations
343	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, 264-279.	1.1	14
344	Identifying clinically relevant sources of variability: The clopidogrel challenge. Clinical Pharmacology and Therapeutics, 2017, 101, 264-273.	2.3	14
345	Establishing the role of PLVAP in protein-losing enteropathy: a homozygous missense variant leads to an attenuated phenotype. Journal of Medical Genetics, 2018, 55, 779-784.	1.5	14
346	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.	1.1	14
347	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.	2.7	14
348	Genetic and functional evidence links a missense variant in B4GALT1 to lower LDL and fibrinogen. Science, 2021, 374, 1221-1227.	6.0	14
349	Analysis of the peroxisome proliferator activated receptor Î³ (PPARÎ³) gene in HAIRAN syndrome with obesity. Clinical Endocrinology, 2000, 52, 479-485.	1.2	13
350	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.	1.2	13
351	Genetic Variation in PEAR1, Cardiovascular Outcomes and Effects of Aspirin in a Healthy Elderly Population. Clinical Pharmacology and Therapeutics, 2020, 108, 1289-1298.	2.3	13
352	Effect of serum zinc and copper levels on insulin secretion, insulin resistance and pancreatic Î² cell dysfunction in US adults: Findings from the National Health and Nutrition Examination Survey (NHANES) 2011â€“2012. Diabetes Research and Clinical Practice, 2021, 172, 108627.	1.1	13
353	<emph type="ital">CYP2C19</emph> Genotype and Cardiovascular Events. JAMA - Journal of the American Medical Association, 2012, 307, 1482.	3.8	12
354	Paraoxonase 1 Q192R Variant and Clopidogrel Efficacy. Circulation: Cardiovascular Genetics, 2012, 5, 153-155.	5.1	12
355	Comparison of BMI and Physical Activity Between Old Order Amish Children and Non-Amish Children. Diabetes Care, 2013, 36, 873-878.	4.3	12
356	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.	0.8	12
357	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.	1.5	12
358	Prevalence, control, and treatment of diabetes, hypertension, and high cholesterol in the Amish. BMJ Open Diabetes Research and Care, 2020, 8, e000912.	1.2	12
359	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.	2.6	12
360	Population-scale analysis of common and rare genetic variation associated with hearing loss in adults. Communications Biology, 2022, 5, .	2.0	12

#	Article	IF	Citations
361	Variations in blood lipids. Nature, 2010, 466, 703-704.	13.7	11
362	Familial Aggregation of Tobacco Use Behaviors Among Amish Men. Nicotine and Tobacco Research, 2014, 16, 923-930.	1.4	11
363	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.	0.4	11
364	Polyherbal dietary supplementation for prediabetic adults: study protocol for a randomized controlled trial. Trials, 2019, 20, 24.	0.7	11
365	Heterozygosity for a Pathogenic Variant in SLC12A3 That Causes Autosomal Recessive Gitelman Syndrome Is Associated with Lower Serum Potassium. Journal of the American Society of Nephrology: JASN, 2021, 32, 756-765.	3.0	11
366	Assignment of the Human Pancreatic Regenerating (REG) Gene to Chromosome 2p12. Genomics, 1994, 20, 305-307.	1.3	10
367	Homozygosity by descent mapping of blood pressure in the Old Order Amish: evidence for sex specific genetic architecture. BMC Genetics, 2007, 8, 66.	2.7	10
368	Genome-wide association studies identified novel loci for non-high-density lipoprotein cholesterol and its postprandial lipemic response. Human Genetics, 2014, 133, 919-930.	1.8	10
369	The Pharmacogenomics of Anti-Platelet Intervention (PAPI) Study: Variation in Platelet Response to Clopidogrel and Aspirin. Current Vascular Pharmacology, 2015, 14, 116-124.	0.8	10
370	From Genotype to Phenotype: Nonsense Variants in SLC13A1 Are Associated with Decreased Serum Sulfate and Increased Serum Aminotransferases. G3: Genes, Genomes, Genetics, 2016, 6, 2909-2918.	0.8	10
371	Gene Expression Differences Between Offspring of Long-Lived Individuals and Controls in Candidate Longevity Regions: Evidence forPAPSS2as a Longevity Gene. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 1295-1299.	1.7	10
372	An APOO Pseudogene on Chromosome 5q Is Associated With Low-Density Lipoprotein Cholesterol Levels. Circulation, 2018, 138, 1343-1355.	1.6	10
373	When phenotype does not match genotype: importance of â€œreal-timeâ€•refining of phenotypic information for exome data interpretation. Genetics in Medicine, 2021, 23, 215-221.	1.1	10
374	Genetic Variants of PEAR1 are Associated with Platelet Function and Antiplatelet Drug Efficacy: A Systematic Review and Meta-Analysis. Current Pharmaceutical Design, 2018, 23, 6815-6827.	0.9	10
375	Genetic nondiscrimination legislation: a critical prerequisite for pharmacogenomics data sharing. Pharmacogenomics, 2007, 8, 519-519.	0.6	9
376	Extent and distribution of linkage disequilibrium in the Old Order Amish. Genetic Epidemiology, 2010, 34, 146-150.	0.6	9
377	Pharmacogenomics of Anti-platelet and Anti-coagulation Therapy. Current Cardiology Reports, 2013, 15, 381.	1.3	9
378	The <i>CAPN2/CAPN8</i> Locus on Chromosome 1q Is Associated with Variation in Serum Alpha-Carotene Concentrations. Journal of Nutrigenetics and Nutrigenomics, 2016, 9, 254-264.	1.8	9

#	Article	IF	Citations
379	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.	0.6	9
380	Genomeâ€wide association analysis of serum alanine and aspartate aminotransferase, and the modifying effects of BMI in 388kÂEuropean individuals. Genetic Epidemiology, 2021, 45, 664-681.	0.6	9
381	A Template for Authoring and Adapting Genomic Medicine Content in the eMERGE Infobutton Project. AMIA ... Annual Symposium proceedings, 2014, 2014, 944-53.	0.2	9
382	Role of a Proline Insertion in the Insulin Promoter Factor 1 (IPF1) Gene in African Americans With Type 2 Diabetes. Diabetes, 2006, 55, 2909-2914.	0.3	8
383	Autosome-wide linkage analysis of hip structural phenotypes in the Old Order Amish. Bone, 2008, 43, 607-612.	1.4	8
384	Lipid Metabolism, Abdominal Adiposity, and Cerebral Health in the Amish. Obesity, 2017, 25, 1876-1880.	1.5	8
385	Clopidogrel pharmacogenetics: Beyond candidate genes and genomeâ€wide association studies. Clinical Pharmacology and Therapeutics, 2017, 101, 323-325.	2.3	8
386	A common variant in fibroblast growth factor binding protein 1 (FGFBP1) is associated with bone mineral density and influences gene expression in vitro. Bone, 2010, 47, 272-280.	1.4	7
387	Similar burden of pathogenic coding variants in exceptionally longâ€lived individuals and individuals without exceptional longevity. Aging Cell, 2020, 19, e13216.	3.0	7
388	KCNQ1 and Long QT Syndrome in 1/45 Amish. Circulation Genomic and Precision Medicine, 2020, 13, e003133.	1.6	7
389	Paediatric systemic lupus erythematosus as a manifestation of constitutional mismatch repair deficiency. Journal of Medical Genetics, 2020, 57, 505-508.	1.5	7
390	Molecular Scanning of Â-3-Adrenergic Receptor Gene in Total Congenital Lipoatrophic Diabetes Mellitus. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 3395-3398.	1.8	7
391	An Amish founder population reveals rare-population genetic determinants of the human lipidome. Communications Biology, 2022, 5, 334.	2.0	7
392	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.	3.3	7
393	A case of congenital generalized lipodystrophy: metabolic effects of four dietary regimens. Lack of association of CGL with polymorphism in the lamin A/C Gene. Clinical Endocrinology, 2001, 54, 412-414.	1.2	6
394	Hepatic Lipase Genotype, Diabetes Risk, and Implications for Preventative Medicine. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 2015-2018.	1.8	6
395	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, 176-182.	1.2	6
396	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.	1.1	6

#	Article	IF	Citations
397	Clopidogrel Improves Skin Microcirculatory Endothelial Function in Persons With Heightened Platelet Aggregation. Journal of the American Heart Association, 2016, 5, .	1.6	6
398	Self-Reported Sleep Duration and Pattern in Old Order Amish and Non-Amish Adults. Journal of Clinical Sleep Medicine, 2019, 15, 1321-1328.	1.4	6
399	Cardiovascular risks impact human brain N -acetylaspartate in regionally specific patterns. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25243-25249.	3.3	6
400	Exome Sequencing Identifies A Nonsense Variant in DAO Associated With Reduced Energy Expenditure in American Indians. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e3989-e4000.	1.8	6
401	Use of Genome Scans to Identify Susceptibility Genes for Type 2 Diabetes. Growth Hormone, 2001, , 231-250.	0.2	6
402	Model for Integration of Monogenic Diabetes Diagnosis Into Routine Care: The Personalized Diabetes Medicine Program. Diabetes Care, 2022, 45, 1799-1806.	4.3	6
403	BMI IN THE OLD ORDER AMISH. Medicine and Science in Sports and Exercise, 2004, 36, 1447.	0.2	5
404	Serum alanine aminotransferase is correlated with hematocrit in healthy human subjects. Scandinavian Journal of Clinical and Laboratory Investigation, 2012, 72, 258-264.	0.6	5
405	Heritability of plasma neopterin levels in the Old Order Amish. Journal of Neuroimmunology, 2017, 307, 37-41.	1.1	5
406	The role of phenotype-based search approaches using public online databases in diagnostics of Mendelian disorders. Genetics in Medicine, 2021, 23, 1095-1100.	1.1	5
407	The free energy of vacancy pairs. Journal of Chemical Physics, 1978, 69, 4114-4116.	1.2	4
408	RNA Template-Specific Polymerase Chain Reaction (RS-PCR): A Modification of RNA-PCR that Dramatically Reduces the Frequency of False Positives. , 1993, 15, 169-176.		4
409	Rapid synthesis of standards or allele-specific oligonucleotide hybridization. Trends in Genetics, 1994, 10, 184-185.	2.9	4
410	No effect of Trp64Arg Î²3-adrenoceptor polymorphism on the plasma leptin concentration in Pima Indians. Metabolism: Clinical and Experimental, 1998, 47, 1525-1527.	1.5	4
411	Clinical and genetic validity of quantitative bipolarity. Translational Psychiatry, 2019, 9, 228.	2.4	4
412	Multiple dimensions of stress vs. genetic effects on depression. Translational Psychiatry, 2021, 11, 254.	2.4	4
413	The burden of pathogenic variants in clinically actionable genes in a founder population. American Journal of Medical Genetics, Part A, 2021, 185, 3476-3484.	0.7	4
414	Mapping Genes in Isolated Populations: Lessons from the Old Order Amish. , 2015, , 141-153.		4

#	Article	IF	Citations
415	Increased Gut Microbiome Diversity Following a High Fiber Mediterranean Style Diet. FASEB Journal, 2013, 27, 1056.3.	0.2	4
416	Using Workflow Modeling to Identify Areas to Improve Genetic Test Processes in the University of Maryland Translational Pharmacogenomics Project. AMIA ... Annual Symposium proceedings, 2015, 2015, 466-74.	0.2	4
417	Preparation and properties of poly(2,2-dialkyltrimethylene sulphones). Polymer, 1981, 22, 1283-1284.	1.8	3
418	Molecular scanning of the beta-3-adrenergic receptor gene in Pima Indians and Caucasians. Diabetes/Metabolism Research and Reviews, 1999, 15, 175-180.	1.7	3
419	Vesicle-associated membrane protein 4, a positional candidate gene on 1q24-q25, is not associated with type 2 diabetes in the Old Order Amish. Molecular Genetics and Metabolism, 2005, 85, 133-139.	0.5	3
420	THE INFLUENCE OF CYTOCHROME P450 2C19*2 AND*17 GENOTYPE, DIPLOTYPE AND METABOLIZER STATUS ON PLATELET REACTIVITY IN PATIENTS ON MAINTENANCE CLOPIDOGREL THERAPY. Journal of the American College of Cardiology, 2010, 55, A130.E1220.	1.2	3
421	Cognitive profiles and heritability estimates in the Old Order Amish. Psychiatric Genetics, 2016, 26, 178-183.	0.6	3
422	Evaluation of WISP1 as a candidate gene for bone mineral density in the Old Order Amish. Scientific Reports, 2018, 8, 7141.	1.6	3
423	The diagnostic efficacy of exome data analysis using fixed neurodevelopmental gene lists: Implications for prenatal setting. Prenatal Diagnosis, 2021, 41, 701-707.	1.1	3
424	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.	1.0	3
425	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, 2022, 38, e3504.	1.7	3
426	Pharmacogenomic Study of Statin-Associated Muscle Symptoms in the ODYSSEY OUTCOMES Trial. Circulation Genomic and Precision Medicine, 2022, 15, 101161CIRCGEN121003503.	1.6	3
427	N-cyclo-[Leu5]enkephalin: A rational approach for the synthesis of conformationally restricted cyclic pentapeptides. Archives of Biochemistry and Biophysics, 1985, 238, 111-117.	1.4	2
428	Insulin, but Not Insulin-like Growth Factor-I, Is Expressed during Early Nervous System Development in Prepancreatic Xenopus Embryos. Annals of the New York Academy of Sciences, 1993, 692, 268-269.	1.8	2
429	The Two Nonallelic Xenopus Insulin Genes Are Expressed Coordinately in the Adult Pancreas. General and Comparative Endocrinology, 1994, 95, 169-177.	0.8	2
430	The Worry About Clopidogrel â€œNonresponsivenessâ€: JACC: Cardiovascular Interventions, 2009, 2, 1102-1104.	1.1	2
431	CYP2C19 and Clopidogrel Response: More Than Validation in the Real World. Clinical Pharmacology and Therapeutics, 2012, 91, 170-171.	2.3	2
432	Calcified Granulomatous Disease: Occupational Associations and Lack of Familial Aggregation. Lung, 2014, 192, 841-847.	1.4	2

#	Article	IF	Citations
433	KCNJ11 Mutation in One Family is Associated with Adult-Onset Rather than Neonatal-Onset Diabetes Mellitus. AACE Clinical Case Reports, 2018, 4, e411-e414.	0.4	2
434	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.	2.9	2
435	Two intronic cisâ€acting variants in both alleles of the POLR3A gene cause progressive spastic ataxia with hypodontia. Clinical Genetics, 2021, 99, 713-718.	1.0	2
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.	1.1	2
437	Body Image and Life Satisfaction in Amish, Catholic, and Non-Religious Women. Journal of Amish and Plain Anabaptist Studies, 2018, 6, 174-191.	0.5	2
438	Clinical characterization of familial hypercholesterolemia due to an amish founder mutation in Apolipoprotein B. BMC Cardiovascular Disorders, 2022, 22, 109.	0.7	2
439	Autoantibodies in Type 1 and Type 2 diabetes in the Old Order Amish of Lancaster County, Pennsylvania. Diabetologia, 2003, 46, 1024-1025.	2.9	1
440	Genetics of the Metabolic Complications of Obesity. Progress in Molecular Biology and Translational Science, 2010, 94, 349-372.	0.9	1
441	Carrying one or two reduced-function CYP2C19 alleles is associated with an increased risk of major adverse cardiovascular events in people undergoing percutaneous coronary intervention and treated with clopidogrel. Evidence-Based Medicine, 2011, 16, 124-125.	0.6	1
442	Loci influencing blood pressure identified using a cardiovascular gene-centric array. Human Molecular Genetics, 2013, 22, 3394-3395.	1.4	1
443	Implementing Genomic Medicine in the Clinic. Obstetrical and Gynecological Survey, 2013, 68, 621-623.	0.2	1
444	Historical Overview of Gene Discovery Methodologies in Type 2 Diabetes. , 2016, , 3-12.		1
445	Sex-specific effects of serum sulfate level and SLC13A1 nonsense variants on DHEA homeostasis. Molecular Genetics and Metabolism Reports, 2017, 10, 84-91.	0.4	1
446	556. Adiponectin Gene Polymorphism and Seasonality in the Old Order Amish. Biological Psychiatry, 2017, 81, S225.	0.7	1
447	203. Environmental Risk Factors for Toxoplasma Gondii Seropositivity in the Old Order Amish. Biological Psychiatry, 2017, 81, S84.	0.7	1
448	Parkinsonâ€™s Disease-Related Motor and Nonmotor Symptoms in the Lancaster Amish. Neuroepidemiology, 2020, 54, 392-397.	1.1	1
449	Pharmacogenomics: the low-hanging fruit in the personalized medicine tree. Human Genetics, 2022, , .	1.8	1
450	Functional characterization of a novel p.Ser76Thr variant in IGFBP4 that associates with body mass index in American Indians. European Journal of Human Genetics, 0, , .	1.4	1

#	Article	IF	Citations
451	Rapid (Ligase-Free) Subcloning of Polymerase Chain Reaction Products. , 1993, 15, 229-240.		0
452	Determination of the Genomic Structures of Two Nonallelic Preproinsulin Genes in Xenopus laevis Using the Polymerase Chain Reaction. General and Comparative Endocrinology, 1995, 97, 220-230.	0.8	0
453	The Old Order Amish: A unique model to study ageing. The Journal of the British Menopause Society, 2000, 6, 127-127.	1.3	0
454	Does bariatric surgery reduce obesity-related comorbidities?. Current Diabetes Reports, 2005, 5, 133-135.	1.7	0
455	Genetic Determinants of Arterial Thrombosis. , 0, , 193-210.		0
456	The Thrifty Microbiome: The Role of the Gut Microbiota in Obesity in the Amish. Nature Precedings, 2010, , .	0.1	0
457	Meta-analysis of Dense Genecentric Association Studies Reveals Common and Uncommon Variants Associated with Height. American Journal of Human Genetics, 2012, 90, 1116-1117.	2.6	0
458	Epigenetic Signature of Impaired Fasting Glucose in the Old Order Amish. Journal of Clinical Epigenetics, 2017, 03, .	0.3	0
459	Impact of genetic relatedness of parents on reproductive outcomes. Molecular Genetics and Metabolism, 2021, 132, S214-S215.	0.5	0
460	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.	1.2	0
461	Genetics of Type 2 Diabetes: From Candidate Genes to Genome-Wide Association Analysis. , 2010, , 147-163.		0
462	The Î²3-Adrenergic Receptor and Susceptibility to Obesity, the Insulin Resistance Syndrome, and Noninsulin-Dependent Diabetes Mellitus. , 1998, , 301-319.		0
463	Abstract 15465: Precision Medicine Approach to Resistant Hypertension: Genetic Markers of Resistant Hypertension Through a Genome-wide Association Study (GWAS) in the Secondary Prevention of Subcortical Strokes (SPS3). Circulation, 2015, 132, .	1.6	0
464	Genetics of Type 2 Diabetes: From Candidate Genes to Genome-Wide Association Analysis. , 2016, , 1-24.		0
465	Genetics of Type 2 Diabetes: From Candidate Genes to Genome-Wide Association Analysis. , 2017, , 1-24.		0
466	Genetics of Type 2 Diabetes: From Candidate Genes to Genome-Wide Association Analysis. , 2017, , 191-214.		0
467	Abstract 37: Secondary Stroke Prevention With Aspirin and Clopidogrel in CYP2C19 *17 Carriers Increases Risk of Major Non-CNS Bleeding. Stroke, 2019, 50, .	1.0	0
468	Impact of parental relatedness on reproductive outcomes among the Old Order Amish of Lancaster County. American Journal of Medical Genetics, Part A, 2022, , .	0.7	0