Guillaume Pare

List of Publications by Year in descending order

270 papers	36,363 citations	9264 74 h-index	3732 179 g-index
299 all docs	299 docs citations	299 times ranked	46987 citing authors

#	Article	IF	Citations
1	Biological, clinical and population relevance of 95 loci for blood lipids. Nature, 2010, 466, 707-713.	27.8	3,249
2	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. Nature Genetics, 2010, 42, 937-948.	21.4	2,634
3	Hundreds of variants clustered in genomic loci and biological pathways affect human height. Nature, 2010, 467, 832-838.	27.8	1,789
4	Global and regional effects of potentially modifiable risk factors associated with acute stroke in 32 countries (INTERSTROKE): a case-control study. Lancet, The, 2016, 388, 761-775.	13.7	1,414
5	Benefits and limitations of genome-wide association studies. Nature Reviews Genetics, 2019, 20, 467-484.	16.3	1,226
6	Multiancestry genome-wide association study of 520,000 subjects identifies 32 loci associated with stroke and stroke subtypes. Nature Genetics, 2018, 50, 524-537.	21.4	1,124
7	Genome-wide meta-analyses identify multiple loci associated with smoking behavior. Nature Genetics, 2010, 42, 441-447.	21.4	1,083
8	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. Nature Genetics, 2018, 50, 1412-1425.	21.4	924
9	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.	21.4	836
10	Genome-Wide Association Analysis Identifies Variants Associated with Nonalcoholic Fatty Liver Disease That Have Distinct Effects on Metabolic Traits. PLoS Genetics, 2011, 7, e1001324.	3.5	796
11	Causal Relationship between Obesity and Vitamin D Status: Bi-Directional Mendelian Randomization Analysis of Multiple Cohorts. PLoS Medicine, 2013, 10, e1001383.	8.4	753
12	Myocardial Injury after Noncardiac Surgery. Anesthesiology, 2014, 120, 564-578.	2.5	740
13	Rivaroxaban for Stroke Prevention after Embolic Stroke of Undetermined Source. New England Journal of Medicine, 2018, 378, 2191-2201.	27.0	730
14	New loci associated with kidney function and chronic kidney disease. Nature Genetics, 2010, 42, 376-384.	21.4	710
15	Multiple loci associated with indices of renal function and chronic kidney disease. Nature Genetics, 2009, 41, 712-717.	21.4	553
16	Multi-ethnic genome-wide association study for atrial fibrillation. Nature Genetics, 2018, 50, 1225-1233.	21.4	552
17	Effects ofCYP2C19Genotype on Outcomes of Clopidogrel Treatment. New England Journal of Medicine, 2010, 363, 1704-1714.	27.0	497
18	Genome-wide association analysis identifies novel blood pressure loci and offers biological insights into cardiovascular risk. Nature Genetics, 2017, 49, 403-415.	21.4	492

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19	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
20	Thirty new loci for age at menarche identified by a meta-analysis of genome-wide association studies. Nature Genetics, 2010, 42, 1077-1085.	21.4	445
21	Genetic risk factors for ischaemic stroke and its subtypes (the METASTROKE Collaboration): a meta-analysis of genome-wide association studies. Lancet Neurology, The, 2012, 11, 951-962.	10.2	445
22	Novel Loci for Adiponectin Levels and Their Influence on Type 2 Diabetes and Metabolic Traits: A Multi-Ethnic Meta-Analysis of 45,891 Individuals. PLoS Genetics, 2012, 8, e1002607.	3.5	419
23	Enabling the genomic revolution in Africa. Science, 2014, 344, 1346-1348.	12.6	361
24	Genome-wide association studies identify loci associated with age at menarche and age at natural menopause. Nature Genetics, 2009, 41, 724-728.	21.4	348
25	Genome-Wide Association Identifies Nine Common Variants Associated With Fasting Proinsulin Levels and Provides New Insights Into the Pathophysiology of Type 2 Diabetes. Diabetes, 2011, 60, 2624-2634.	0.6	335
26	Association Between a Literature-Based Genetic Risk Score and Cardiovascular Events in Women. JAMA - Journal of the American Medical Association, 2010, 303, 631.	7.4	320
27	Meta-analyses identify 13 loci associated with age at menopause and highlight DNA repair and immune pathways. Nature Genetics, 2012, 44, 260-268.	21.4	303
28	Forty-Three Loci Associated with Plasma Lipoprotein Size, Concentration, and Cholesterol Content in Genome-Wide Analysis. PLoS Genetics, 2009, 5, e1000730.	3.5	300
29	Loci Related to Metabolic-Syndrome Pathways Including LEPR,HNF1A, IL6R, and GCKR Associate with Plasma C-Reactive Protein: The Women's Genome Health Study. American Journal of Human Genetics, 2008, 82, 1185-1192.	6.2	299
30	PCSK9 genetic variants and risk of type 2 diabetes: a mendelian randomisation study. Lancet Diabetes and Endocrinology,the, 2017, 5, 97-105.	11.4	298
31	Novel Association of ABO Histo-Blood Group Antigen with Soluble ICAM-1: Results of a Genome-Wide Association Study of 6,578 Women. PLoS Genetics, 2008, 4, e1000118.	3.5	289
32	Multiple Genetic Loci Influence Serum Urate Levels and Their Relationship With Gout and Cardiovascular Disease Risk Factors. Circulation: Cardiovascular Genetics, 2010, 3, 523-530.	5.1	285
33	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. Nature Genetics, 2017, 49, 946-952.	21.4	279
34	Association Between Shortened Leukocyte Telomere Length and Cardiometabolic Outcomes. Circulation: Cardiovascular Genetics, 2015, 8, 82-90.	5.1	277
35	All SNPs Are Not Created Equal: Genome-Wide Association Studies Reveal a Consistent Pattern of Enrichment among Functionally Annotated SNPs. PLoS Genetics, 2013, 9, e1003449.	3.5	268
36	Meta-analysis identifies multiple loci associated with kidney functionâ€“related traits in east Asian populations. Nature Genetics, 2012, 44, 904-909.	21.4	254

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37	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation. Nature Genetics, 2022, 54, 560-572.	21.4	250
38	Genetic Determinants of Dabigatran Plasma Levels and Their Relation to Bleeding. Circulation, 2013, 127, 1404-1412.	1.6	222
39	Identification of new susceptibility loci for type 2 diabetes and shared etiological pathways with coronary heart disease. Nature Genetics, 2017, 49, 1450-1457.	21.4	218
40	Loci associated with ischaemic stroke and its subtypes (SiGN): a genome-wide association study. Lancet Neurology, The, 2016, 15, 174-184.	10.2	217
41	CUBN Is a Gene Locus for Albuminuria. Journal of the American Society of Nephrology: JASN, 2011, 22, 555-570.	6.1	208
42	A new method for measurement of total plasma PCSK9: clinical applications. Journal of Lipid Research, 2010, 51, 140-149.	4.2	197
43	Polymorphism in the CETP Gene Region, HDL Cholesterol, and Risk of Future Myocardial Infarction. Circulation: Cardiovascular Genetics, 2009, 2, 26-33.	5.1	186
44	Metformin-induced increases in GDF15 are important for suppressing appetite and promoting weight loss. Nature Metabolism, 2019, 1, 1202-1208.	11.9	181
45	Genetic variants at 2q24 are associated with susceptibility to type 2 diabetes. Human Molecular Genetics, 2010, 19, 2706-2715.	2.9	178
46	On the Use of Variance per Genotype as a Tool to Identify Quantitative Trait Interaction Effects: A Report from the Women's Genome Health Study. PLoS Genetics, 2010, 6, e1000981.	3.5	175
47	Gene Ã— Physical Activity Interactions in Obesity: Combined Analysis of 111,421 Individuals of European Ancestry. PLoS Genetics, 2013, 9, e1003607.	3.5	168
48	Cannabis use and risk of schizophrenia: a Mendelian randomization study. Molecular Psychiatry, 2018, 23, 1287-1292.	7.9	167
49	Common genetic loci influencing plasma homocysteine concentrations and their effect on risk of coronary artery disease. American Journal of Clinical Nutrition, 2013, 98, 668-676.	4.7	161
50	Body mass index is negatively associated with telomere length: a collaborative cross-sectional meta-analysis of 87 observational studies. American Journal of Clinical Nutrition, 2018, 108, 453-475.	4.7	137
51	Genomic DNA Methylation Signatures Enable Concurrent Diagnosis and Clinical Genetic Variant Classification in Neurodevelopmental Syndromes. American Journal of Human Genetics, 2018, 102, 156-174.	6.2	135
52	Identification of Cadherin 2 (CDH2) Mutations in Arrhythmogenic Right Ventricular Cardiomyopathy. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	123
53	Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. Hypertension, 2017, 70, .	2.7	123
54	Plasma ACE2 and risk of death or cardiometabolic diseases: a case-cohort analysis. Lancet, The, 2020, 396, 968-976.	13.7	119

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55	Genetic Loci Associated With Plasma Concentration of Low-Density Lipoprotein Cholesterol, High-Density Lipoprotein Cholesterol, Triglycerides, Apolipoprotein A1, and Apolipoprotein B Among 6382 White Women in Genome-Wide Analysis With Replication. Circulation: Cardiovascular Genetics, 2008, 1, 21-30.	5.1	117
56	Secretory Phospholipase A2-IIA and Cardiovascular Disease. Journal of the American College of Cardiology, 2013, 62, 1966-1976.	2.8	115
57	The protective effect of the obesity-associated rs9939609 A variant in fat mass- and obesity-associated gene on depression. Molecular Psychiatry, 2013, 18, 1281-1286.	7.9	115
58	A large-scale candidate gene association study of age at menarche and age at natural menopause. Human Genetics, 2010, 128, 515-527.	3.8	114
59	Growth Differentiation Factor 15 as a Novel Biomarker for Metformin. Diabetes Care, 2017, 40, 280-283.	8.6	112
60	Mendelian randomization analysis supports the causal role of dysglycaemia and diabetes in the risk of coronary artery disease. European Heart Journal, 2015, 36, 1454-1462.	2.2	106
61	Canadian Cardiovascular Society Position Statement on Familial Hypercholesterolemia: Update 2018. Canadian Journal of Cardiology, 2018, 34, 1553-1563.	1.7	105
62	A Genomeâ€Wide Association Study for Venous Thromboembolism: The Extended Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium. Genetic Epidemiology, 2013, 37, 512-521.	1.3	99
63	Novel Associations of CPS1, MUT, NOX4, and DPEP1 With Plasma Homocysteine in a Healthy Population. Circulation: Cardiovascular Genetics, 2009, 2, 142-150.	5.1	96
64	Testosterone suppression in opioid users: A systematic review and meta-analysis. Drug and Alcohol Dependence, 2015, 149, 1-9.	3.2	93
65	Genome-wide meta-analysis of cerebral white matter hyperintensities in patients with stroke. Neurology, 2016, 86, 146-153.	1.1	91
66	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. Nature Genetics, 2020, 52, 1314-1332.	21.4	91
67	Polygenic risk score predicts prevalence of cardiovascular disease in patients with familial hypercholesterolemia. Journal of Clinical Lipidology, 2017, 11, 725-732.e5.	1.5	90
68	HDL Cholesterol, LDL Cholesterol, and Triglycerides as Risk Factors for CKD: A Mendelian Randomization Study. American Journal of Kidney Diseases, 2018, 71, 166-172.	1.9	90
69	Meta-analysis in more than 17,900 cases of ischemic stroke reveals a novel association at 12q24.12. Neurology, 2014, 83, 678-685.	1.1	89
70	Novel Association of HK1 with Glycated Hemoglobin in a Non-Diabetic Population: A Genome-Wide Evaluation of 14,618 Participants in the Women's Genome Health Study. PLoS Genetics, 2008, 4, e1000312.	3.5	87
71	The relationship between CYP2C19 polymorphisms and ischaemic and bleeding outcomes in stable outpatients: the CHARISMA genetics study. European Heart Journal, 2012, 33, 2143-2150.	2.2	86
72	Lifestyle Interaction With Fat Mass and Obesity-Associated (FTO) Genotype and Risk of Obesity in Apparently Healthy U.S. Women. Diabetes Care, 2011, 34, 675-680.	8.6	84

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73	Novel Drug Targets for Ischemic Stroke Identified Through Mendelian Randomization Analysis of the Blood Proteome. Circulation, 2019, 140, 819-830.	1.6	84
74	Rivaroxaban for secondary stroke prevention in patients with embolic strokes of undetermined source: Design of the NAVIGATE ESUS randomized trial. European Stroke Journal, 2016, 1, 146-154.	5.5	83
75	BAFopathiesâ€™ DNA methylation epi-signatures demonstrate diagnostic utility and functional continuum of Coffinâ€“Siris and Nicolaidesâ€“Baraitser syndromes. Nature Communications, 2018, 9, 4885.	12.8	83
76	Genetic Analysis of 103 Candidate Genes for Coronary Artery Disease and Associated Phenotypes in a Founder Population Reveals a New Association between Endothelin-1 and High-Density Lipoprotein Cholesterol. American Journal of Human Genetics, 2007, 80, 673-682.	6.2	79
77	The pharmacogenetics of carboxylesterases: CES1 and CES2 genetic variants and their clinical effect. Drug Metabolism and Drug Interactions, 2014, 29, 143-151.	0.3	79
78	The defining DNA methylation signature of Kabuki syndrome enables functional assessment of genetic variants of unknown clinical significance. Epigenetics, 2017, 12, 923-933.	2.7	79
79	Genome-wide association study identifies 48 common genetic variants associated with handedness. Nature Human Behaviour, 2021, 5, 59-70.	12.0	79
80	Association of Variation at the ABO Locus With Circulating Levels of Soluble Intercellular Adhesion Molecule-1, Soluble P-selectin, and Soluble E-selectin. Circulation: Cardiovascular Genetics, 2011, 4, 681-686.	5.1	77
81	Novel Loci, Including Those Related to Crohn Disease, Psoriasis, and Inflammation, Identified in a Genome-Wide Association Study of Fibrinogen in 17 686 Women. Circulation: Cardiovascular Genetics, 2009, 2, 134-141.	5.1	76
82	Genome-Wide Association Analysis of Soluble ICAM-1 Concentration Reveals Novel Associations at the NFKBIK, PNPLA3, RELA, and SH2B3 Loci. PLoS Genetics, 2011, 7, e1001374.	3.5	76
83	Failure to Validate Association between 12p13 Variants and Ischemic Stroke. New England Journal of Medicine, 2010, 362, 1547-1550.	27.0	75
84	A machine-learning heuristic to improve gene score prediction of polygenic traits. Scientific Reports, 2017, 7, 12665.	3.3	69
85	Blood CSF1 and CXCL12 as Causal Mediators of Coronary Artery Disease. Journal of the American College of Cardiology, 2018, 72, 300-310.	2.8	69
86	Genetic variants associated with angiotensin-converting enzyme inhibitor-associated angioedema. Pharmacogenetics and Genomics, 2013, 23, 470-478.	1.5	68
87	Genetic Variants Associated With Myocardial Infarction Risk Factors in Over 8000 Individuals From Five Ethnic Groups. Circulation: Cardiovascular Genetics, 2009, 2, 16-25.	5.1	67
88	Identification of a methylation profile for DNMT1-associated autosomal dominant cerebellar ataxia, deafness, and narcolepsy. Clinical Epigenetics, 2016, 8, 91.	4.1	66
89	Identifying Novel Biomarkers for Cardiovascular Events or Death in People With Dysglycemia. Circulation, 2015, 132, 2297-2304.	1.6	64
90	Moyamoya Disease Susceptibility Variant RNF213 p.R4810K Increases the Risk of Ischemic Stroke Attributable to Large-Artery Atherosclerosis. Circulation, 2019, 139, 295-298.	1.6	64

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91	Sex differences in substance use, health, and social functioning among opioid users receiving methadone treatment: a multicenter cohort study. Biology of Sex Differences, 2015, 6, 21.	4.1	62
92	Effect of Bile Acid Sequestrants on the Risk of Cardiovascular Events. Circulation: Cardiovascular Genetics, 2015, 8, 618-627.	5.1	61
93	Identification of epigenetic signature associated with alpha thalassemia/mental retardation X-linked syndrome. Epigenetics and Chromatin, 2017, 10, 10.	3.9	60
94	Correction of Population Stratification in Large Multi-Ethnic Association Studies. PLoS ONE, 2008, 3, e1382.	2.5	60
95	The AIDS Disease of CD4C/HIV Transgenic Mice Shows Impaired Germinal Centers and Autoantibodies and Develops in the Absence of IFN-Î³ and IL-6. Immunity, 2001, 15, 173-185.	14.3	59
96	COL4A2 is associated with lacunar ischemic stroke and deep ICH. Neurology, 2017, 89, 1829-1839.	1.1	58
97	Peripheral blood epi-signature of Claes-Jensen syndrome enables sensitive and specific identification of patients and healthy carriers with pathogenic mutations in KDM5C. Clinical Epigenetics, 2018, 10, 21.	4.1	58
98	The defining DNA methylation signature of Floating-Harbor Syndrome. Scientific Reports, 2016, 6, 38803.	3.3	55
99	Interpreting Metabolomic Profiles using Unbiased Pathway Models. PLoS Computational Biology, 2010, 6, e1000692.	3.2	52
100	The Fat-Mass and Obesity-Associated (FTO) gene, physical activity, and risk of incident cardiovascular events in white women. American Heart Journal, 2010, 160, 1163-1169.	2.7	51
101	A common biological basis of obesity and nicotine addiction. Translational Psychiatry, 2013, 3, e308-e308.	4.8	51
102	Rationale and design of South Asian Birth Cohort (START): a Canada-India collaborative study. BMC Public Health, 2013, 13, 79.	2.9	49
103	The effectiveness of opioid substitution treatments for patients with opioid dependence: a systematic review and multiple treatment comparison protocol. Systematic Reviews, 2014, 3, 105.	5.3	49
104	Sex differences in outcomes of methadone maintenance treatment for opioid use disorder: a systematic reviewand meta-analysis. CMAJ Open, 2015, 3, E344-E351.	2.4	49
105	Peripheral Blood MCEMP1 Gene Expression as a Biomarker for Stroke Prognosis. Stroke, 2016, 47, 652-658.	2.0	48
106	Genetic Markers of Inflammation and Their Role in Cardiovascular Disease. Canadian Journal of Cardiology, 2013, 29, 67-74.	1.7	47
107	Genetic Predictors of Cardiovascular Mortality During Intensive Glycemic Control in Type 2 Diabetes: Findings From the ACCORD Clinical Trial. Diabetes Care, 2016, 39, 1915-1924.	8.6	47
108	Caffeine blocks SREBP2-induced hepatic PCSK9 expression to enhance LDLR-mediated cholesterol clearance. Nature Communications, 2022, 13, 770.	12.8	47

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109	Exploring Gene-Environment Relationships in Cardiovascular Disease. Canadian Journal of Cardiology, 2013, 29, 37-45.	1.7	46
110	Common coding variant in SERPINA1 increases the risk for large artery stroke. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3613-3618.	7.1	46
111	Characterization of Patients with Embolic Strokes of Undetermined Source in the NAVIGATE ESUS Randomized Trial. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 1673-1682.	1.6	46
112	A Digital Health Intervention to Lower Cardiovascular Risk. JAMA Cardiology, 2016, 1, 601.	6.1	45
113	Alcohol and Cardiovascular Disease: How Much is Too Much?. Current Atherosclerosis Reports, 2017, 19, 13.	4.8	45
114	Novel Outcome Biomarkers Identified With Targeted Proteomic Analyses of Plasma From Critically Ill Coronavirus Disease 2019 Patients. , 2020, 2, e0189.		44
115	Postoperative Remote Automated Monitoring: Need for and State of the Science. Canadian Journal of Cardiology, 2018, 34, 850-862.	1.7	43
116	Association of cyclooxygenase-2 genetic variant with cardiovascular disease. European Heart Journal, 2014, 35, 2242-2248.	2.2	42
117	GWAS and ExWAS of blood mitochondrial DNA copy number identifies 71 loci and highlights a potential causal role in dementia. ELife, 2022, 11, .	6.0	42
118	Elevated Lipoprotein(a) and Risk of AtrialÂFibrillation. Journal of the American College of Cardiology, 2022, 79, 1579-1590.	2.8	42
119	Promises and challenges of pharmacogenetics: an overview of study design, methodological and statistical issues. JRSM Cardiovascular Disease, 2012, 1, 1-13.	0.7	41
120	Genome-wide studies to identify risk factors for kidney disease with a focus on patients with diabetes. Nephrology Dialysis Transplantation, 2015, 30, iv26-iv34.	0.7	41
121	Polygenic Contribution in Individuals With Early-Onset Coronary Artery Disease. Circulation Genomic and Precision Medicine, 2018, 11, e001849.	3.6	41
122	Lipoprotein(a): An underrecognized genetic risk factor for malignant coronary artery disease in young Indians. Indian Heart Journal, 2019, 71, 184-198.	0.5	40
123	Clinical Validation of a Genome-Wide DNA Methylation Assay for Molecular Diagnosis of Imprinting Disorders. Journal of Molecular Diagnostics, 2017, 19, 848-856.	2.8	39
124	Methadone induces testosterone suppression in patients with opioid addiction. Scientific Reports, 2015, 4, 6189.	3.3	37
125	Clinical Validation of Fragile X Syndrome Screening by DNA Methylation Array. Journal of Molecular Diagnostics, 2016, 18, 834-841.	2.8	37
126	A simplified diagnosis algorithm for dysbetalipoproteinemia. Journal of Clinical Lipidology, 2020, 14, 431-437.	1.5	37

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127	Rule-In and Rule-Out of Myocardial Infarction Using Cardiac Troponin and Glycemic Biomarkers in Patients with Symptoms Suggestive of Acute Coronary Syndrome. Clinical Chemistry, 2017, 63, 403-414.	3.2	36
128	Gender and <scp>BCR</scp>â€<scp>ABL</scp> transcript type are correlated with molecular response to imatinib treatment in patients with chronic myeloid leukemia. European Journal of Haematology, 2016, 96, 360-366.	2.2	35
129	Epigenetic Age and the Risk of Incident Atrial Fibrillation. Circulation, 2021, 144, 1899-1911.	1.6	35
130	A Prospective Study to Investigate Predictors of Relapse among Patients with Opioid Use Disorder Treated with Methadone. Substance Abuse: Research and Treatment, 2016, 10, SART.S37030.	0.9	34
131	Dabigatran etexilate and reduction in serum apolipoprotein B. Heart, 2016, 102, 57-62.	2.9	34
132	Opioid substitution and antagonist therapy trials exclude the common addiction patient: a systematic review and analysis of eligibility criteria. Trials, 2015, 16, 475.	1.6	33
133	The association between age of onset of opioid use and comorbidity among opioid dependent patients receiving methadone maintenance therapy. Addiction Science & Clinical Practice, 2017, 12, 9.	2.6	33
134	Impact of Chronic Pain on Treatment Prognosis for Patients with Opioid Use Disorder: A Systematic Review and Meta-analysis. Substance Abuse: Research and Treatment, 2015, 9, SART.S30120.	0.9	32
135	PON1 Q192R genetic variant and response to clopidogrel and prasugrel: pharmacokinetics, pharmacodynamics, and a meta-analysis of clinical outcomes. Journal of Thrombosis and Thrombolysis, 2016, 41, 374-383.	2.1	32
136	Genetic Tools for Coronary Risk Assessment in Type 2 Diabetes: A Cohort Study From the ACCORD Clinical Trial. Diabetes Care, 2018, 41, 2404-2413.	8.6	32
137	Effects of lifelong testosterone exposure on health and disease using Mendelian randomization. ELife, 2020, 9, .	6.0	32
138	A Gene Variant in CERS2 Is Associated with Rate of Increase in Albuminuria in Patients with Diabetes from ONTARGET and TRANSCEND. PLoS ONE, 2014, 9, e106631.	2.5	31
139	Endoplasmic Reticulum Stress and Ca2+ Depletion Differentially Modulate the Sterol Regulatory Protein PCSK9 to Control Lipid Metabolism. Journal of Biological Chemistry, 2017, 292, 1510-1523.	3.4	31
140	Validation of the classification for type 2 diabetes into five subgroups: a report from the ORIGIN trial. Diabetologia, 2022, 65, 206-215.	6.3	31
141	Effect of Genetic Variants Associated With Plasma Homocysteine Levels on Stroke Risk. Stroke, 2014, 45, 1920-1924.	2.0	30
142	Multiple daily doses of acetylâ€salicylic acid (ASA) overcome reduced platelet response to onceâ€daily ASA after coronary artery bypass graft surgery: a pilot randomized controlled trial. Journal of Thrombosis and Haemostasis, 2015, 13, 448-456.	3.8	30
143	Association between cannabis use and methadone maintenance treatment outcomes: an investigation into sex differences. Biology of Sex Differences, 2017, 8, 8.	4.1	30
144	Genetic and phenotypic determinants of blood pressure and other cardiovascular risk factors (GAPP). Swiss Medical Weekly, 2013, 143, w13728.	1.6	30

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145	Genetically proxied therapeutic inhibition of antihypertensive drug targets and risk of common cancers: A mendelian randomization analysis. PLoS Medicine, 2022, 19, e1003897.	8.4	30
146	Does genetic heterogeneity account for the divergent risk of type 2 diabetes in South Asian and white European populations?. Diabetologia, 2014, 57, 2270-2281.	6.3	29
147	The loss-of-function PCSK9Q152H variant increases ER chaperones GRP78 and GRP94 and protects against liver injury. Journal of Clinical Investigation, 2021, 131, .	8.2	29
148	Putting the Genome in Context: Gene-Environment Interactions in Type 2 Diabetes. Current Diabetes Reports, 2016, 16, 57.	4.2	28
149	DNA methylation analysis in constitutional disorders: Clinical implications of the epigenome. Critical Reviews in Clinical Laboratory Sciences, 2016, 53, 147-165.	6.1	28
150	Impact of Selection Bias on Estimation of Subsequent Event Risk. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	28
151	PPARA Polymorphism Influences the Cardiovascular Benefit of Fenofibrate in Type 2 Diabetes: Findings From ACCORD-Lipid. Diabetes, 2020, 69, 771-783.	0.6	28
152	ACE and Type 2 Diabetes Risk: A Mendelian Randomization Study. Diabetes Care, 2020, 43, 835-842.	8.6	28
153	Genetic influence on methadone treatment outcomes in patients undergoing methadone maintenance treatment for opioid addiction: a pilot study. Neuropsychiatric Disease and Treatment, 2014, 10, 1503.	2.2	26
154	Genome-Wide Association Study Meta-Analysis of Stroke in 22 000 Individuals of African Descent Identifies Novel Associations With Stroke. Stroke, 2020, 51, 2454-2463.	2.0	26
155	Effect of PON1 Q192R Genetic Polymorphism on Clopidogrel Efficacy and Cardiovascular Events in the Clopidogrel in the Unstable Angina to Prevent Recurrent Events Trial and the Atrial Fibrillation Clopidogrel Trial With Irbesartan for Prevention of Vascular Events. Circulation: Cardiovascular Genetics, 2012, 5, 250-256.	5.1	25
156	Combined vaccination and immunostimulatory antibodies provides durable cure of murine melanoma and induces transcriptional changes associated with positive outcome in human melanoma patients. OncoImmunology, 2012, 1, 419-431.	4.6	25
157	Fine-tuning of Genome-Wide Polygenic Risk Scores and Prediction of Gestational Diabetes in South Asian Women. Scientific Reports, 2020, 10, 8941.	3.3	25
158	Ranking and characterization of established BMI and lipid associated loci as candidates for gene-environment interactions. PLoS Genetics, 2017, 13, e1006812.	3.5	24
159	Towards the genetic basis of cerebral venous thrombosisâ€"the BEAST Consortium: a study protocol: TableÂ1. BMJ Open, 2016, 6, e012351.	1.9	23
160	Genetic Information and the Prediction of Incident Type 2 Diabetes in a High-Risk Multiethnic Population. Diabetes Care, 2013, 36, 2836-2842.	8.6	22
161	Association of Chromosome 9p21 With Subsequent Coronary Heart Disease Events. Circulation Genomic and Precision Medicine, 2019, 12, e002471.	3.6	22
162	Candidate genetic variants in the fibrinogen, methylenetetrahydrofolate reductase, and intercellular adhesion molecule-1 genes and plasma levels of fibrinogen, homocysteine, and intercellular adhesion molecule-1 among various race/ethnic groups: Data from the Women's Genome Health Study. American Heart Journal, 2009, 157, 777-783.e1.	2.7	21

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163	Genetic determinants of warfarin maintenance dose and time in therapeutic treatment range: a RE-LY genomics substudy. Pharmacogenomics, 2016, 17, 1425-1439.	1.3	21
164	Factors independently associated with cardiac troponin I levels in young and healthy adults from the general population. Clinical Research in Cardiology, 2017, 106, 96-104.	3.3	21
165	Blood HER2 and Uromodulin as Causal Mediators of CKD. Journal of the American Society of Nephrology: JASN, 2018, 29, 1326-1335.	6.1	21
166	Polygenic Risk Score for Low-Density Lipoprotein Cholesterol Is Associated With Risk of Ischemic Heart Disease and Enriches for Individuals With Familial Hypercholesterolemia. Circulation Genomic and Precision Medicine, 2021, 14, e003106.	3.6	21
167	Identification of genetic effects underlying type 2 diabetes in South Asian and European populations. Communications Biology, 2022, 5, 329.	4.4	21
168	Clinical evaluation of a hemochromatosis nextâ€generation sequencing gene panel. European Journal of Haematology, 2017, 98, 228-234.	2.2	20
169	Beyond the Brain. Stroke, 2020, 51, 3007-3017.	2.0	20
170	Global Assessment of Mendelian Stroke Genetic Prevalence in 101 635 Individuals From 7 Ethnic Groups. Stroke, 2020, 51, 1290-1293.	2.0	20
171	CYP2C19 Genetic Testing Should Not Be Done in All Patients Treated With Clopidogrel Who Are Undergoing Percutaneous Coronary Intervention. Circulation: Cardiovascular Interventions, 2011, 4, 514-521.	3.9	19
172	Pharmacogenetics of antiplatelets and anticoagulants: a report on clopidogrel, warfarin and dabigatran. Pharmacogenomics, 2013, 14, 1565-1572.	1.3	19
173	Contribution of BDNF and DRD2 genetic polymorphisms to continued opioid use in patients receiving methadone treatment for opioid use disorder: an observational study. Addiction Science & Clinical Practice, 2015, 10, 19.	2.6	19
174	Overlap Chronic Placental Inflammation Is Associated with a Unique Gene Expression Pattern. PLoS ONE, 2015, 10, e0133738.	2.5	19
175	Telomere Length and Risk of Myocardial Infarction inÂa MultiEthnic Population. Journal of the American College of Cardiology, 2016, 67, 1863-1865.	2.8	19
176	Relationships of Measured and Genetically Determined Height With the Cardiac Conduction System in Healthy Adults. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	4.8	19
177	Influence of Genetic Ancestry on Human Serum Proteome. American Journal of Human Genetics, 2020, 106, 303-314.	6.2	19
178	Calibrated rare variant genetic risk scores for complex disease prediction using large exome sequence repositories. Nature Communications, 2021, 12, 5852.	12.8	19
179	Impact of a Genetic Risk Score on Myocardial Infarction Risk Across Different Ethnic Populations. Canadian Journal of Cardiology, 2016, 32, 1440-1446.	1.7	18
180	High-Sensitivity Cardiac Troponin T for Risk Stratification in Patients With Embolic Stroke of Undetermined Source. Stroke, 2020, 51, 2386-2394.	2.0	18

#	Article	IF	Citations
181	Causal Effect of MMP-1 (Matrix Metalloproteinase-1), MMP-8, and MMP-12 Levels on Ischemic Stroke. Stroke, 2021, 52, e316-e320.	2.0	18
182	A fast algorithm to optimize SNP prioritization for gene-gene and gene-environment interactions. Genetic Epidemiology, 2011, 35, 729-738.	1.3	17
183	Associations of the FTO rs9939609 variant with discrete body fat depots and dietary intake in a multi-ethnic cohort. Genetical Research, 2011, 93, 419-426.	0.9	17
184	Aboriginal birth cohort (ABC): a prospective cohort study of early life determinants of adiposity and associated risk factors among Aboriginal people in Canada. BMC Public Health, 2013, 13, 608.	2.9	17
185	The 9p21.3 locus and cardiovascular risk in familial hypercholesterolemia. Journal of Clinical Lipidology, 2017, 11, 406-412.	1.5	17
186	Subsequent Event Risk in Individuals With Established Coronary Heart Disease. Circulation Genomic and Precision Medicine, 2019, 12, e002470.	3.6	17
187	Are large simple trials for dementia prevention possible?. Age and Ageing, 2020, 49, 154-160.	1.6	17
188	South Asian Heart Risk Assessment (SAHARA): Randomized Controlled Trial Design and Pilot Study. JMIR Research Protocols, 2013, 2, e33.	1.0	17
189	Cohort profile: genomic data for 26 622 individuals from the Canadian Longitudinal Study on Aging (CLSA). BMJ Open, 2022, 12, e059021.	1.9	17
190	Current Evidence for Genetic Testing in Clopidogrel-Treated Patients Undergoing Coronary Stenting. Circulation: Cardiovascular Interventions, 2011, 4, 505-513.	3.9	16
191	Evaluation of clinical and inflammatory profile in opioid addiction patients with comorbid pain: results from a multicenter investigation. Neuropsychiatric Disease and Treatment, 2014, 10, 2239.	2.2	16
192	Once versus twice daily aspirin after coronary bypass surgery: a randomized trial. Journal of Thrombosis and Haemostasis, 2017, 15, 889-896.	3.8	16
193	A Mendelian Randomization-Based Approach to Identify Early and Sensitive Diagnostic Biomarkers of Disease. Clinical Chemistry, 2019, 65, 427-436.	3.2	16
194	Variations in risks from smoking between high-income, middle-income, and low-income countries: an analysis of data from 179â€˜000 participants from 63 countries. The Lancet Global Health, 2022, 10, e216-e226.	6.3	16
195	Mendelian randomisation, triglycerides, and CHD. Lancet, The, 2010, 375, 1584-1586.	13.7	15
196	S100A9 potentiates the activation of neutrophils by the etiological agent of gout, monosodium urate crystals. Journal of Leukocyte Biology, 2017, 102, 805-813.	3.3	15
197	Genetic Interactions with Age, Sex, Body Mass Index, and Hypertension in Relation to Atrial Fibrillation: The AFGen Consortium. Scientific Reports, 2017, 7, 11303.	3.3	15
198	The Genetic Link Between Diabetes and Atherosclerosis. Canadian Journal of Cardiology, 2018, 34, 565-574.	1.7	15

#	Article	IF	Citations
199	Polygenic Risk Score for Alzheimer's Disease in Caribbean Hispanics. Annals of Neurology, 2021, 90, 366-376.	5.3	15
200	Genome-Wide Association Studiesâ€"Data Generation, Storage, Interpretation, and Bioinformatics. Journal of Cardiovascular Translational Research, 2010, 3, 183-188.	2.4	14
201	Molecular phenotype and bleeding risks of an inherited platelet disorder in a family with a <scp>RUNX</scp>1 frameshift mutation. Haemophilia, 2017, 23, e204-e213.	2.1	14
202	Analytical strategies to include the Xâ€chromosome in variance heterogeneity analyses: Evidence for traitâ€specific polygenic variance structure. Genetic Epidemiology, 2019, 43, 815-830.	1.3	14
203	The Burden of Atherosclerotic Cardiovascular Disease in South Asians Residing in Canada: A Reflection From the South Asian Heart Alliance. CJC Open, 2019, 1, 271-281.	1.5	14
204	Acute Phase Response and Non-Reproducible Elevated Concentrations with a High-Sensitivity Cardiac Troponin I Assay. Journal of Clinical Medicine, 2021, 10, 1014.	2.4	14
205	Population-Based Genomewide Genetic Analysis of Common Clinical Chemistry Analytes. Clinical Chemistry, 2009, 55, 39-51.	3.2	13
206	Relation between clopidogrel active metabolite levels and different platelet aggregation methods in patients receiving clopidogrel and aspirin. Journal of Thrombosis and Thrombolysis, 2012, 34, 429-436.	2.1	13
207	BRCA2 Variants and cardiovascular disease in a multi-ethnic study. BMC Medical Genetics, 2012, 13, 56.	2.1	13
208	Validation of the ORIGIN Cardiovascular Biomarker Panel and the Value of Adding Troponin I in Dysglycemic People. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 2251-2257.	3.6	13
209	Mendelian Genes and Risk of Intracerebral Hemorrhage and Small-Vessel Ischemic Stroke in Sporadic Cases. Stroke, 2017, 48, 2263-2265.	2.0	12
210	Identification of Novel Causal Blood Biomarkers Linking Metabolically Favorable Adiposity With Type 2 Diabetes Risk. Diabetes Care, 2019, 42, 1800-1808.	8.6	12
211	Genome-wide studies reveal factors associated with circulating uromodulin and its relationships to complex diseases. JCI Insight, 2022, 7, .	5.0	12
212	Economic Considerations of Early Rule-In/Rule-Out Algorithms for The Diagnosis of Myocardial Infarction in The Emergency Department Using Cardiac Troponin and Glycemic Biomarkers. Clinical Chemistry, 2017, 63, 593-602.	3.2	11
213	Association of Factor V Leiden With Subsequent Atherothrombotic Events. Circulation, 2020, 142, 546-555.	1.6	11
214	The genomics of heart failure: design and rationale of the HERMES consortium. ESC Heart Failure, 2021, 8, 5531-5541.	3.1	11
215	Dysbetalipoproteinemia: Differentiating Multifactorial Remnant Cholesterol Disease From Genetic ApoE Deficiency. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 538-548.	3.6	11
216	Whole Blood Gene Expression Differentiates between Atrial Fibrillation and Sinus Rhythm after Cardioversion. PLoS ONE, 2016, 11, e0157550.	2.5	11

#	Article	IF	Citations
217	Use of genetic data to guide therapy in arterial disease. Journal of Thrombosis and Haemostasis, 2015, 13, S281-S289.	3.8	10
218	Contribution of Large Region Joint Associations to Complex Traits Genetics. PLoS Genetics, 2015, 11, e1005103.	3.5	10
219	A novel mutation in GPIHBP1 causes familial chylomicronemia syndrome. Journal of Clinical Lipidology, 2018, 12, 506-510.	1.5	10
220	Genetic risk for dengue hemorrhagic fever and dengue fever in multiple ancestries. EBioMedicine, 2020, 51, 102584.	6.1	10
221	Genomeâ€Wide Association Study Identifies First Locus Associated with Susceptibility to Cerebral Venous Thrombosis. Annals of Neurology, 2021, 90, 777-788.	5.3	10
222	Mitochondrial DNA Copy Number as a Marker and Mediator of Stroke Prognosis. Neurology, 2022, 98, .	1.1	10
223	Pollen Count and Presentation of Angiotensin-Converting Enzyme Inhibitorâ€“Associated Angioedema. Journal of Allergy and Clinical Immunology: in Practice, 2013, 1, 468-473.e4.	3.8	9
224	Variation at the DPP4 locus influences apolipoprotein B levels in South Asians and exhibits heterogeneity in Europeans related to BMI. Diabetologia, 2014, 57, 738-745.	6.3	9
225	The impact of chronic pain on opioid addiction treatment: a systematic review protocol. Systematic Reviews, 2015, 4, 49.	5.3	9
226	Examining the Clinical Use of Hemochromatosis Genetic Testing. Canadian Journal of Gastroenterology and Hepatology, 2015, 29, 41-45.	1.9	8
227	Recommendations From the International Stroke Genetics Consortium, Part 2. Stroke, 2015, 46, 285-290.	2.0	8
228	Novel Biomarkers for Change in Renal Function in People With Dysglycemia. Diabetes Care, 2020, 43, 433-439.	8.6	8
229	Hypolipidaemia among patients with PMM2-CDG is associated with low circulating PCSK9 levels: a case report followed by observational and experimental studies. Journal of Medical Genetics, 2020, 57, 11-17.	3.2	8
230	Identification of Circulating Proteins Associated With Blood Pressure Using Mendelian Randomization. Circulation Genomic and Precision Medicine, 2020, 13, e002605.	3.6	8
231	Fine Mapping of the Insulin-Induced Gene 2 Identifies a Variant Associated With LDL Cholesterol and Total Apolipoprotein B Levels. Circulation: Cardiovascular Genetics, 2010, 3, 454-461.	5.1	7
232	Meta-analysis of SNPs involved in variance heterogeneity using Leveneâ€™s test for equal variances. European Journal of Human Genetics, 2014, 22, 427-430.	2.8	7
233	Statistical genetics with application to population-based study design: a primer for clinicians. European Heart Journal, 2014, 35, 495-500.	2.2	7
234	Active metabolite concentration of clopidogrel in patients taking different doses of aspirin: results of the interaction trial. Journal of Thrombosis and Haemostasis, 2015, 13, 347-352.	3.8	7

#	Article	IF	Citations
235	A Risk Assessment Tool Incorporating New Biomarkers for Cardiovascular Events in Acute Coronary Syndromes: The Organization to Assess Strategies in Ischemic Syndromes (OASIS) Risk Score. Canadian Journal of Cardiology, 2016, 32, 1332-1339.	1.7	7
236	Pharmacogenetics of Stroke. Stroke, 2018, 49, 2541-2548.	2.0	7
237	Triglycerides, hypertension, and smoking predict cardiovascular disease in dysbetalipoproteinemia. Journal of Clinical Lipidology, 2020, 14, 46-52.	1.5	7
238	Of stroke and biomarkers: The elusive quest for a clinical biomarker panel. Clinical Biochemistry, 2013, 46, 705-706.	1.9	6
239	Frameshift mutation in the APOA5 gene causing hypertriglyceridemia in a Pakistani family: Management and considerations for cardiovascular risk. Journal of Clinical Lipidology, 2016, 10, 1272-1277.	1.5	6
240	Gene Expression Profiles for the Identification of Prevalent Atrial Fibrillation. Journal of the American Heart Association, 2017, 6, .	3.7	6
241	Genetics of early-onset coronary artery disease. Current Opinion in Cardiology, 2019, 34, 706-713.	1.8	6
242	Linking Spontaneous Coronary Artery Dissection, Cervical Artery Dissection, and Fibromuscular Dysplasia. Journal of the American College of Cardiology, 2019, 73, 67-69.	2.8	6
243	Whole exome sequencing reveals a biallelic frameshift mutation in GRXCR2 in hearing impairment in Cameroon. Molecular Genetics & Genomic Medicine, 2021, 9, e1609.	1.2	6
244	Testosterone and sex hormone-binding globulin in dysglycemic women at high cardiovascular risk: A report from the Outcome Reduction with an Initial Glargine Intervention trial. Diabetes and Vascular Disease Research, 2021, 18, 147916412110024.	2.0	6
245	K45R variant of squalene synthase increases total cholesterol levels in two study samples from a French Canadian population. Human Mutation, 2008, 29, 689-694.	2.5	5
246	Determinants of Left Atrial Volume in Patients with Atrial Fibrillation. PLoS ONE, 2016, 11, e0164145.	2.5	5
247	A method to estimate the contribution of regional genetic associations to complex traits from summary association statistics. Scientific Reports, 2016, 6, 27644.	3.3	5
248	DNA methylation predicts stroke outcome better. Neurology, 2017, 89, 758-759.	1.1	4
249	Genetic contribution to lipid levels in early life based on 158 loci validated in adults: the FAMILY study. Scientific Reports, 2017, 7, 68.	3.3	4
250	Genome-Wide Association Studies (GWAS). , 2013, , 25-50.		4
251	Biological Rational for the Use of Heparin in Septic Shock: Translational Data from the Halo Pilot RCT. Blood, 2015, 126, 2336-2336.	1.4	4
252	Implications of OPRM1 and CYP2B6 variants on treatment outcomes in methadone-maintained patients in Ontario: Exploring sex differences. PLoS ONE, 2021, 16, e0261201.	2.5	4

#	Article	IF	Citations
253	Genetic Dissection of Diabetes: Facing the Giant. Diabetes, 2013, 62, 3338-3340.	0.6	3
254	Genomics and epigenomics in pediatric oncology and clinical laboratory genetics. Clinical Biochemistry, 2014, 47, 731-732.	1.9	3
255	A robust method to estimate regional polygenic correlation under misspecified linkage disequilibrium structure. Genetic Epidemiology, 2018, 42, 636-647.	1.3	3
256	Postneoadjuvant Pure and Predominantly Pure Intralymphatic Breast Carcinoma. American Journal of Surgical Pathology, 2021, 45, 537-542.	3.7	3
257	Getting Closer to P-Selectin. Clinical Chemistry, 2009, 55, 1051-1052.	3.2	2
258	Tracing risk of multiple cardiovascular diseases to smoking-related genes. European Heart Journal, 2020, 41, 3311-3313.	2.2	2
259	Renal Impairment and Risk of Acute Stroke: The INTERSTROKE Study. Neuroepidemiology, 2021, 55, 206-215.	2.3	2
260	NT-proBNP versus routine clinical risk factors as a predictor of cardiovascular events or death in people with dysglycemia â€“ A brief report from the ORIGIN trial. Journal of Diabetes and Its Complications, 2021, 35, 107928.	2.3	2
261	Factor V Leiden and the Risk of Bleeding in Patients With Acute Coronary Syndromes Treated With Antiplatelet Therapy: Pooled Analysis of 3 Randomized Clinical Trials. Journal of the American Heart Association, 2021, 10, e021115.	3.7	2
262	Association Between a Literature-Based Genetic Risk Score and Cardiovascular Events in Women. Obstetrical and Gynecological Survey, 2010, 65, 368-369.	0.4	1
263	Bleeding Risks Associated with Confirmed Platelet Dense Granule Deficiency and/or Impaired Aggregation Responses. Blood, 2016, 128, 3728-3728.	1.4	1
264	Lipoprotein(a) Cholesterol Masquerading as Low-Density Lipoprotein Cholesterol. Journal of the American College of Cardiology, 2022, 79, 1047-1049.	2.8	1
265	ACLY and CKD: A Mendelian Randomization Analysis. Kidney International Reports, 2022, 7, 1673-1681.	0.8	1
266	Genetic Association Studies and Next Generation Sequencing in Stroke: Methods. , 2017, , 21-52.		0
267	The Genetics of Opioid Addiction Risk Evaluation Tool (GREAT) for Treatment Response in Methadone Patients. International Journal of High Risk Behaviors & Addiction, 2016, 6, .	0.2	0
268	Abstract 521: c-MYC as a differentiating marker between angiosarcoma and atypical vascular lesion. , 2016, , .		0
269	Polygenic risk score for Alzheimerâ€™s disease in Caribbean Hispanics. Alzheimer's and Dementia, 2021, 17, e055031.	0.8	0
270	Biomarkers of Prevalent and Incident Cognitive Dysfunction in People with Dysglycemia- Data from the ORIGIN Trial. Journal of Alzheimer's Disease, 2022, , 1-8.	2.6	0