Guillaume Pare

List of Publications by Year in Descending Order

261 papers	26,446 citations	66 h-index	160 g-index
299 ext. papers	32,074 ext. citations	10.1 avg, IF	6.5 L-index

#	Paper	IF	Citations
261	GWAS and ExWAS of blood Mitochondrial DNA copy number identifies 71 loci and highlights a potential causal role in dementia.. *ELife*, **2022**, 11,	8.9	3
260	Variations in risks from smoking between high-income, middle-income, and low-income countries: an analysis of data from 179 000 participants from 63 countries.. *The Lancet Global Health*, **2022**, 10, e216-e226	13.6	1
259	Genetically proxied therapeutic inhibition of antihypertensive drug targets and risk of common cancers: A mendelian randomization analysis.. *PLoS Medicine*, **2022**, 19, e1003897	11.6	2
258	Caffeine blocks SREBP2-induced hepatic PCSK9 expression to enhance LDLR-mediated cholesterol clearance.. *Nature Communications*, **2022**, 13, 770	17.4	5
257	Validation of the classification for type 2 diabetes into five subgroups: a report from the ORIGIN trial. *Diabetologia*, **2022**, 65, 206-215	10.3	2
256	Cohort profile: genomic data for 26 622 individuals from the Canadian Longitudinal Study on Aging (CLSA).. *BMJ Open*, **2022**, 12, e059021	3	1
255	Identification of genetic effects underlying type 2 diabetes in South Asian and European populations.. *Communications Biology*, **2022**, 5, 329	6.7	2
254	Elevated Lipoprotein(a) and Risk of Atrial Fibrillation: An Observational and Mendelian Randomization Study.. *Journal of the American College of Cardiology*, **2022**, 79, 1579-1590	15.1	4
253	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation.. *Nature Genetics*, **2022**,	36.3	7
252	Postneoadjuvant Pure and Predominantly Pure Intralymphatic Breast Carcinoma: Case Series and Literature Review. *American Journal of Surgical Pathology*, **2021**, 45, 537-542	6.7	1
251	Calibrated rare variant genetic risk scores for complex disease prediction using large exome sequence repositories. *Nature Communications*, **2021**, 12, 5852	17.4	2
250	Acute Phase Response and Non-Reproducible Elevated Concentrations with a High-Sensitivity Cardiac Troponin I Assay. *Journal of Clinical Medicine*, **2021**, 10,	5.1	3
249	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, 14791641211002475	3.3	1
248	Polygenic Risk Score for Alzheimer's Disease in Caribbean Hispanics. *Annals of Neurology*, **2021**, 90, 366-376	9.4	3
247	NT-proBNP versus routine clinical risk factors as a predictor of cardiovascular events or death in people with dysglycemia - A brief report from the ORIGIN trial. *Journal of Diabetes and Its Complications*, **2021**, 35, 107928	3.2	1
246	Genome-wide association study identifies 48 common genetic variants associated with handedness. *Nature Human Behaviour*, **2021**, 5, 59-70	12.8	33
245	Renal Impairment and Risk of Acute Stroke: The INTERSTROKE Study. *Neuroepidemiology*, **2021**, 55, 206-215	3.4	1

244	The loss-of-function PCSK9Q152H variant increases ER chaperones GRP78 and GRP94 and protects against liver injury. *Journal of Clinical Investigation*, **2021**, 131,	15.9	10
243	Whole exome sequencing reveals a biallelic frameshift mutation in GRXCR2 in hearing impairment in Cameroon. *Molecular Genetics & Genomic Medicine*, **2021**, 9, e1609	2.3	4
242	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	5.2	5
241	Causal Effect of MMP-1 (Matrix Metalloproteinase-1), MMP-8, and MMP-12 Levels on Ischemic Stroke: A Mendelian Randomization Study. *Stroke*, **2021**, 52, e316-e320	6.7	3
240	Genome-Wide Association Study Identifies First Locus Associated with Susceptibility to Cerebral Venous Thrombosis. *Annals of Neurology*, **2021**, 90, 777-788	9.4	4
239	The genomics of heart failure: design and rationale of the HERMES consortium. *ESC Heart Failure*, **2021**,	3.7	1
238	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	6	
237	Epigenetic Age and the Risk of Incident Atrial Fibrillation. *Circulation*, **2021**,	16.7	2
236	Polygenic risk score for Alzheimerβ disease in Caribbean Hispanics.. *Alzheimeris and Dementia*, **2021** , 17 Suppl 3, e055031	1.2	
235	Mitochondrial DNA Copy Number as a Marker and Mediator of Stroke Prognosis: Observational and Mendelian Randomization Analyses. *Neurology*, **2021**,	6.5	2
234	Implications of OPRM1 and CYP2B6 variants on treatment outcomes in methadone-maintained patients in Ontario: Exploring sex differences.. *PLoS ONE*, **2021**, 16, e0261201	3.7	1
233	A simplified diagnosis algorithm for dysbetalipoproteinemia. *Journal of Clinical Lipidology*, **2020**, 14, 431-437	4.9	6
232	Fine-tuning of Genome-Wide Polygenic Risk Scores and Prediction of Gestational Diabetes in South Asian Women. *Scientific Reports*, **2020**, 10, 8941	4.9	10
231	Polymorphism Influences the Cardiovascular Benefit of Fenofibrate in Type 2 Diabetes: Findings From ACCORD-Lipid. *Diabetes*, **2020**, 69, 771-783	0.9	12
230	Global Assessment of Mendelian Stroke Genetic Prevalence in 101 635 Individuals From 7 Ethnic Groups. *Stroke*, **2020**, 51, 1290-1293	6.7	10
229	High-Sensitivity Cardiac Troponin T for Risk Stratification in Patients With Embolic Stroke of Undetermined Source. *Stroke*, **2020**, 51, 2386-2394	6.7	11
228	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	5.8	6
227	Influence of Genetic Ancestry on Human Serum Proteome. *American Journal of Human Genetics*, **2020**, 106, 303-314	11	8

226	Identification of Circulating Proteins Associated With Blood Pressure Using Mendelian Randomization. *Circulation Genomic and Precision Medicine*, **2020**, 13, e002605	5.2	4
225	ACE and Type 2 Diabetes Risk: A Mendelian Randomization Study. *Diabetes Care*, **2020**, 43, 835-842	14.6	16
224	Effects of lifelong testosterone exposure on health and disease using Mendelian randomization. *ELife*, **2020**, 9,	8.9	8
223	Genetic risk for dengue hemorrhagic fever and dengue fever in multiple ancestries. *EBioMedicine*, **2020**, 51, 102584	8.8	5
222	Triglycerides, hypertension, and smoking predict cardiovascular disease in dysbetalipoproteinemia. *Journal of Clinical Lipidology*, **2020**, 14, 46-52	4.9	2
221	Novel Biomarkers for Change in Renal Function in People With Dysglycemia. *Diabetes Care*, **2020**, 43, 433-439	14.6	1
220	Are large simple trials for dementia prevention possible?. *Age and Ageing*, **2020**, 49, 154-160	3	7
219	Plasma ACE2 and risk of death or cardiometabolic diseases: a case-cohort analysis. *Lancet, The*, **2020**, 396, 968-976	40	59
218	Association of Factor V Leiden With Subsequent Atherothrombotic Events: A GENIUS-CHD Study of Individual Participant Data. *Circulation*, **2020**, 142, 546-555	16.7	5
217	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. *Nature Genetics*, **2020**, 52, 1314-1332	36.3	26
216	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	6.7	7
215	Novel Outcome Biomarkers Identified With Targeted Proteomic Analyses of Plasma From Critically Ill Coronavirus Disease 2019 Patients **2020**, 2, e0189		25
214	Beyond the Brain: Systematic Review of Extracerebral Phenotypes Associated With Monogenic Cerebral Small Vessel Disease. *Stroke*, **2020**, 51, 3007-3017	6.7	7
213	Novel Drug Targets for Ischemic Stroke Identified Through Mendelian Randomization Analysis of the Blood Proteome. *Circulation*, **2019**, 140, 819-830	16.7	32
212	Benefits and limitations of genome-wide association studies. *Nature Reviews Genetics*, **2019**, 20, 467-484	30.1	516
211	Lipoprotein(a): An underrecognized genetic risk factor for malignant coronary artery disease in young Indians. *Indian Heart Journal*, **2019**, 71, 184-198	1.6	18
210	Subsequent Event Risk in Individuals With Established Coronary Heart Disease. *Circulation Genomic and Precision Medicine*, **2019**, 12, e002470	5.2	13
209	Association of Chromosome 9p21 With Subsequent Coronary Heart Disease Events. *Circulation Genomic and Precision Medicine*, **2019**, 12, e002471	5.2	14

208	Analytical strategies to include the X-chromosome in variance heterogeneity analyses: Evidence for trait-specific polygenic variance structure. *Genetic Epidemiology*, **2019**, 43, 815-830	2.6	4
207	Identification of Novel Causal Blood Biomarkers Linking Metabolically Favorable Adiposity With Type 2 Diabetes Risk. *Diabetes Care*, **2019**, 42, 1800-1808	14.6	3
206	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	2	3
205	Metformin-induced increases in GDF15 are important for suppressing appetite and promoting weight loss. *Nature Metabolism*, **2019**, 1, 1202-1208	14.6	80
204	Genetics of early-onset coronary artery disease: from discovery to clinical translation. *Current Opinion in Cardiology*, **2019**, 34, 706-713	2.1	5
203	Moyamoya Disease Susceptibility Variant RNF213 p.R4810K Increases the Risk of Ischemic Stroke Attributable to Large-Artery Atherosclerosis. *Circulation*, **2019**, 139, 295-298	16.7	37
202	A Mendelian Randomization-Based Approach to Identify Early and Sensitive Diagnostic Biomarkers of Disease. *Clinical Chemistry*, **2019**, 65, 427-436	5.5	8
201	Blood HER2 and Uromodulin as Causal Mediators of CKD. *Journal of the American Society of Nephrology: JASN*, **2018**, 29, 1326-1335	12.7	14
200	A novel mutation in GPIHBP1 causes familial chylomicronemia syndrome. *Journal of Clinical Lipidology*, **2018**, 12, 506-510	4.9	5
199	The Genetic Link Between Diabetes and Atherosclerosis. *Canadian Journal of Cardiology*, **2018**, 34, 565-574	5.8	7
198	Polygenic Contribution in Individuals With Early-Onset Coronary Artery Disease. *Circulation Genomic and Precision Medicine*, **2018**, 11, e001849	5.2	29
197	Genomic DNA Methylation Signatures Enable Concurrent Diagnosis and Clinical Genetic Variant Classification in Neurodevelopmental Syndromes. *American Journal of Human Genetics*, **2018**, 102, 156-174	11	75
196	Peripheral blood epi-signature of Claes-Jensen syndrome enables sensitive and specific identification of patients and healthy carriers with pathogenic mutations in. *Clinical Epigenetics*, **2018**, 10, 21	7.7	37
195	Postoperative Remote Automated Monitoring: Need for and State of the Science. *Canadian Journal of Cardiology*, **2018**, 34, 850-862	3.8	21
194	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	2.8	37
193	Cannabis use and risk of schizophrenia: a Mendelian randomization study. *Molecular Psychiatry*, **2018**, 23, 1287-1292	15.1	98
192	HDL Cholesterol, LDL Cholesterol, and Triglycerides as Risk Factors for CKD: A Mendelian Randomization Study. *American Journal of Kidney Diseases*, **2018**, 71, 166-172	7.4	59
191	Blood CSF1 and CXCL12 as Causal Mediators of Coronary Artery Disease. *Journal of the American College of Cardiology*, **2018**, 72, 300-310	15.1	39

190	Multi-ethnic genome-wide association study for atrial fibrillation. *Nature Genetics*, **2018**, 50, 1225-1233	36.3	277
189	Multiancestry genome-wide association study of 520,000 subjects identifies 32 loci associated with stroke and stroke subtypes. *Nature Genetics*, **2018**, 50, 524-537	36.3	536
188	BAFopathiesPDNA methylation epi-signatures demonstrate diagnostic utility and functional continuum of Coffin-Siris and Nicolaides-Baraitser syndromes. *Nature Communications*, **2018**, 9, 4885	17.4	48
187	Canadian Cardiovascular Society Position Statement on Familial Hypercholesterolemia: Update 2018. *Canadian Journal of Cardiology*, **2018**, 34, 1553-1563	3.8	58
186	Genetic Tools for Coronary Risk Assessment in Type 2 Diabetes: A Cohort Study From the ACCORD Clinical Trial. *Diabetes Care*, **2018**, 41, 2404-2413	14.6	16
185	Pharmacogenetics of Stroke. *Stroke*, **2018**, 49, 2541-2548	6.7	5
184	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. *Nature Genetics*, **2018**, 50, 1412-1425	36.3	386
183	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	7	69
182	A robust method to estimate regional polygenic correlation under misspecified linkage disequilibrium structure. *Genetic Epidemiology*, **2018**, 42, 636-647	2.6	2
181	Rivaroxaban for Stroke Prevention after Embolic Stroke of Undetermined Source. *New England Journal of Medicine*, **2018**, 378, 2191-2201	59.2	432
180	Genome-wide association analysis identifies novel blood pressure loci and offers biological insights into cardiovascular risk. *Nature Genetics*, **2017**, 49, 403-415	36.3	313
179	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	5.5	9
178	Alcohol and Cardiovascular Disease: How Much is Too Much?. *Current Atherosclerosis Reports*, **2017**, 19, 13	6	32
177	Identification of Cadherin 2 () Mutations in Arrhythmogenic Right Ventricular Cardiomyopathy. *Circulation: Cardiovascular Genetics*, **2017**, 10,		94
176	Once versus twice daily aspirin after coronary bypass surgery: a randomized trial. *Journal of Thrombosis and Haemostasis*, **2017**, 15, 889-896	15.4	11
175	Molecular phenotype and bleeding risks of an inherited platelet disorder in a family with a RUNX1 frameshift mutation. *Haemophilia*, **2017**, 23, e204-e213	3.3	12
174	Common coding variant in increases the risk for large artery stroke. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 3613-3618	11.5	28
173	The 9p21.3 locus and cardiovascular risk in familial hypercholesterolemia. *Journal of Clinical Lipidology*, **2017**, 11, 406-412	4.9	17

172	Polygenic risk score predicts prevalence of cardiovascular disease in patients with familial hypercholesterolemia. *Journal of Clinical Lipidology*, **2017**, 11, 725-732.e5	4.9	57
171	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. *Nature Genetics*, **2017**, 49, 946-952	36.3	176
170	PCSK9 genetic variants and risk of type 2 diabetes: a mendelian randomisation study. *Lancet Diabetes and Endocrinology,the*, **2017**, 5, 97-105	18.1	225
169	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	5.4	27
168	Genetic Association Studies and Next Generation Sequencing in Stroke: Methods **2017**, 21-52		
167	S100A9 potentiates the activation of neutrophils by the etiological agent of gout, monosodium urate crystals. *Journal of Leukocyte Biology*, **2017**, 102, 805-813	6.5	7
166	Association between cannabis use and methadone maintenance treatment outcomes: an investigation into sex differences. *Biology of Sex Differences*, **2017**, 8, 8	9.3	22
165	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	5.5	26
164	Relationships of Measured and Genetically Determined Height With the Cardiac Conduction System in Healthy Adults. *Circulation: Arrhythmia and Electrophysiology*, **2017**, 10,	6.4	14
163	Growth Differentiation Factor 15 as a Novel Biomarker for Metformin. *Diabetes Care*, **2017**, 40, 280-283	14.6	60
162	A machine-learning heuristic to improve gene score prediction of polygenic traits. *Scientific Reports*, **2017**, 7, 12665	4.9	46
161	Impact of Selection Bias on Estimation of Subsequent Event Risk. *Circulation: Cardiovascular Genetics*, **2017**, 10,		19
160	is associated with lacunar ischemic stroke and deep ICH: Meta-analyses among 21,500 cases and 40,600 controls. *Neurology*, **2017**, 89, 1829-1839	6.5	46
159	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	5.6	9
158	Genetic Interactions with Age, Sex, Body Mass Index, and Hypertension in Relation to Atrial Fibrillation: The AFGen Consortium. *Scientific Reports*, **2017**, 7, 11303	4.9	14
157	The defining DNA methylation signature of Kabuki syndrome enables functional assessment of genetic variants of unknown clinical significance. *Epigenetics*, **2017**, 12, 923-933	5.7	43
156	Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. *Hypertension*, **2017**,	8.5	85
155	Genetic contribution to lipid levels in early life based on 158 loci validated in adults: the FAMILY study. *Scientific Reports*, **2017**, 7, 68	4.9	4

154	Clinical Validation of a Genome-Wide DNA Methylation Assay for Molecular Diagnosis of Imprinting Disorders. *Journal of Molecular Diagnostics*, **2017**, 19, 848-856	5.1	29
153	Mendelian Genes and Risk of Intracerebral Hemorrhage and Small-Vessel Ischemic Stroke in Sporadic Cases. *Stroke*, **2017**, 48, 2263-2265	6.7	9
152	Identification of epigenetic signature associated with alpha thalassemia/mental retardation X-linked syndrome. *Epigenetics and Chromatin*, **2017**, 10, 10	5.8	39
151	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	4.1	18
150	Gene Expression Profiles for the Identification of Prevalent Atrial Fibrillation. *Journal of the American Heart Association*, **2017**, 6,	6	5
149	Clinical evaluation of a hemochromatosis next-generation sequencing gene panel. *European Journal of Haematology*, **2017**, 98, 228-234	3.8	15
148	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	6.1	16
147	Ranking and characterization of established BMI and lipid associated loci as candidates for gene-environment interactions. *PLoS Genetics*, **2017**, 13, e1006812	6	13
146	Identification of new susceptibility loci for type 2 diabetes and shared etiological pathways with coronary heart disease. *Nature Genetics*, **2017**, 49, 1450-1457	36.3	136
145	Frameshift mutation in the APOA5 gene causing hypertriglyceridemia in a Pakistani family: Management and considerations for cardiovascular risk. *Journal of Clinical Lipidology*, **2016**, 10, 1272-7	4.9	6
144	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	14.6	32
143	Impact of a Genetic Risk Score on Myocardial Infarction Risk Across Different Ethnic Populations. *Canadian Journal of Cardiology*, **2016**, 32, 1440-1446	3.8	15
142	A Digital Health Intervention to Lower Cardiovascular Risk: A Randomized Clinical Trial. *JAMA Cardiology*, **2016**, 1, 601-6	16.2	21
141	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, 761-75	40	903
140	A Prospective Study to Investigate Predictors of Relapse among Patients with Opioid Use Disorder Treated with Methadone. *Substance Abuse: Research and Treatment*, **2016**, 10, 9-18	1.6	20
139	DNA methylation analysis in constitutional disorders: Clinical implications of the epigenome. *Critical Reviews in Clinical Laboratory Sciences*, **2016**, 53, 147-65	9.4	21
138	Loci associated with ischaemic stroke and its subtypes (SiGN): a genome-wide association study. *Lancet Neurology, The*, **2016**, 15, 174-184	24.1	159
137	Dabigatran etexilate and reduction in serum apolipoprotein B. *Heart*, **2016**, 102, 57-62	5.1	30

136	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	3.8	5
135	Peripheral Blood MCEMP1 Gene Expression as a Biomarker for Stroke Prognosis. *Stroke*, **2016**, 47, 652-86	7	24
134	Genome-wide meta-analysis of cerebral white matter hyperintensities in patients with stroke. *Neurology*, **2016**, 86, 146-53	6.5	67
133	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, 374-83	5.1	22
132	Whole Blood Gene Expression Differentiates between Atrial Fibrillation and Sinus Rhythm after Cardioversion. *PLoS ONE*, **2016**, 11, e0157550	3.7	10
131	Bleeding Risks Associated with Confirmed Platelet Dense Granule Deficiency and/or Impaired Aggregation Responses. *Blood*, **2016**, 128, 3728-3728	2.2	
130	Determinants of Left Atrial Volume in Patients with Atrial Fibrillation. *PLoS ONE*, **2016**, 11, e0164145	3.7	2
129	Gender and BCR-ABL transcript type are correlated with molecular response to imatinib treatment in patients with chronic myeloid leukemia. *European Journal of Haematology*, **2016**, 96, 360-6	3.8	28
128	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	5.6	65
127	Towards the genetic basis of cerebral venous thrombosis-the BEAST Consortium: a study protocol. *BMJ Open*, **2016**, 6, e012351	3	11
126	A method to estimate the contribution of regional genetic associations to complex traits from summary association statistics. *Scientific Reports*, **2016**, 6, 27644	4.9	4
125	The defining DNA methylation signature of Floating-Harbor Syndrome. *Scientific Reports*, **2016**, 6, 38803	4.9	38
124	Telomere Length and Risk of Myocardial Infarction in a MultiEthnic Population: The INTERHEART Study. *Journal of the American College of Cardiology*, **2016**, 67, 1863-1865	15.1	15
123	Putting the Genome in Context: Gene-Environment Interactions in Type 2 Diabetes. *Current Diabetes Reports*, **2016**, 16, 57	5.6	17
122	Clinical Validation of Fragile X Syndrome Screening by DNA Methylation Array. *Journal of Molecular Diagnostics*, **2016**, 18, 834-841	5.1	28
121	Identification of a methylation profile for DNMT1-associated autosomal dominant cerebellar ataxia, deafness, and narcolepsy. *Clinical Epigenetics*, **2016**, 8, 91	7.7	50
120	Genetic determinants of warfarin maintenance dose and time in therapeutic treatment range: a RE-LY genomics substudy. *Pharmacogenomics*, **2016**, 17, 1425-39	2.6	18
119	Testosterone suppression in opioid users: a systematic review and meta-analysis. *Drug and Alcohol Dependence*, **2015**, 149, 1-9	4.9	80

118	Genome-wide studies to identify risk factors for kidney disease with a focus on patients with diabetes. *Nephrology Dialysis Transplantation*, **2015**, 30 Suppl 4, iv26-34	4.3	31
117	Contribution of large region joint associations to complex traits genetics. *PLoS Genetics*, **2015**, 11, e1005403		7
116	Effect of Bile Acid Sequestrants on the Risk of Cardiovascular Events: A Mendelian Randomization Analysis. *Circulation: Cardiovascular Genetics*, **2015**, 8, 618-27		41
115	Mendelian randomization analysis supports the causal role of dysglycaemia and diabetes in the risk of coronary artery disease. *European Heart Journal*, **2015**, 36, 1454-62	9.5	83
114	The impact of chronic pain on opioid addiction treatment: a systematic review protocol. *Systematic Reviews*, **2015**, 4, 49	3	6
113	Active metabolite concentration of clopidogrel in patients taking different doses of aspirin: results of the interaction trial. *Journal of Thrombosis and Haemostasis*, **2015**, 13, 347-52	15.4	6
112	Identifying Novel Biomarkers for Cardiovascular Events or Death in People With Dysglycemia. *Circulation*, **2015**, 132, 2297-304	16.7	49
111	Multiple daily doses of acetyl-salicylic acid (ASA) overcome reduced platelet response to once-daily ASA after coronary artery bypass graft surgery: a pilot randomized controlled trial. *Journal of Thrombosis and Haemostasis*, **2015**, 13, 448-56	15.4	23
110	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, 59-80	1.6	21
109	Opioid substitution and antagonist therapy trials exclude the common addiction patient: a systematic review and analysis of eligibility criteria. *Trials*, **2015**, 16, 475	2.8	27
108	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	9.3	55
107	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	4.1	15
106	Sex differences in outcomes of methadone maintenance treatment for opioid use disorder: a systematic review and meta-analysis. *CMAJ Open*, **2015**, 3, E344-51	2.5	36
105	Overlap Chronic Placental Inflammation Is Associated with a Unique Gene Expression Pattern. *PLoS ONE*, **2015**, 10, e0133738	3.7	13
104	Examining the clinical use of hemochromatosis genetic testing. *Canadian Journal of Gastroenterology and Hepatology*, **2015**, 29, 41-5	2.8	6
103	Use of genetic data to guide therapy in arterial disease. *Journal of Thrombosis and Haemostasis*, **2015**, 13 Suppl 1, S281-9	15.4	9
102	Association between shortened leukocyte telomere length and cardiometabolic outcomes: systematic review and meta-analysis. *Circulation: Cardiovascular Genetics*, **2015**, 8, 82-90		216
101	Biological Rational for the Use of Heparin in Septic Shock: Translational Data from the Halo Pilot RCT. *Blood*, **2015**, 126, 2336-2336	2.2	2

100	Methadone induces testosterone suppression in patients with opioid addiction. *Scientific Reports*, **2014**, 4, 6189	4.9	28
99	Variation at the DPP4 locus influences apolipoprotein B levels in South Asians and exhibits heterogeneity in Europeans related to BMI. *Diabetologia*, **2014**, 57, 738-45	10.3	7
98	Association of cyclooxygenase-2 genetic variant with cardiovascular disease. *European Heart Journal*, **2014**, 35, 2242-8a	9.5	34
97	Statistical genetics with application to population-based study design: a primer for clinicians. *European Heart Journal*, **2014**, 35, 495-500	9.5	6
96	Does genetic heterogeneity account for the divergent risk of type 2 diabetes in South Asian and white European populations?. *Diabetologia*, **2014**, 57, 2270-81	10.3	24
95	Research capacity. Enabling the genomic revolution in Africa. *Science*, **2014**, 344, 1346-8	33.3	256
94	Meta-analysis in more than 17,900 cases of ischemic stroke reveals a novel association at 12q24.12. *Neurology*, **2014**, 83, 678-85	6.5	78
93	Effect of genetic variants associated with plasma homocysteine levels on stroke risk. *Stroke*, **2014**, 45, 1920-4	6.7	22
92	Genomics and epigenomics in pediatric oncology and clinical laboratory genetics. *Clinical Biochemistry*, **2014**, 47, 731-2	3.5	3
91	Myocardial injury after noncardiac surgery: a large, international, prospective cohort study establishing diagnostic criteria, characteristics, predictors, and 30-day outcomes. *Anesthesiology*, **2014**, 120, 564-78	4.3	509
90	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	3.7	21
89	Evaluation of clinical and inflammatory profile in opioid addiction patients with comorbid pain: results from a multicenter investigation. *Neuropsychiatric Disease and Treatment*, **2014**, 10, 2239-47	3.1	13
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2	Cannabis use and risk of schizophrenia: a Mendelian randomization study		1
1	GWAS and ExWAS of blood Mitochondrial DNA copy number identifies 73 loci and highlights a potential causal role in dementia		1