

# Analysis of polygenic risk score usage and performance

Nature Communications

10, 3328

DOI: [10.1038/s41467-019-11112-0](https://doi.org/10.1038/s41467-019-11112-0)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Genome-wide Association Studies in Ancestrally Diverse Populations: Opportunities, Methods, Pitfalls, and Recommendations. <i>Cell</i> , 2019, 179, 589-603.	28.9	428
2	International meta-analysis of PTSD genome-wide association studies identifies sex- and ancestry-specific genetic risk loci. <i>Nature Communications</i> , 2019, 10, 4558.	12.8	363
3	Candidate Gene and Genome-Wide Association Studies for Circulating Leptin Levels Reveal Population and Sex-Specific Associations in High Cardiovascular Risk Mediterranean Subjects. <i>Nutrients</i> , 2019, 11, 2751.	4.1	16
4	Polygenic Risk Scores in Schizophrenia: Ready for the Real World?. <i>American Journal of Psychiatry</i> , 2019, 176, 783-784.	7.2	13
5	The Radiogenomics of Late-onset Alzheimer Disease. <i>Topics in Magnetic Resonance Imaging</i> , 2019, 28, 325-334.	1.2	2
6	A New Era of Prostate Cancer Precision Medicine. <i>Frontiers in Oncology</i> , 2019, 9, 1263.	2.8	28
7	Polygenic Risk Score Contribution to Psychosis Prediction in a Target Population of Persons at Clinical High Risk. <i>American Journal of Psychiatry</i> , 2020, 177, 155-163.	7.2	90
8	Developmental Pathways from Genetic, Prenatal, Parenting and Emotional/Behavioral Risk to Cortisol Reactivity and Adolescent Substance Use: A TRAILS Study. <i>Journal of Youth and Adolescence</i> , 2020, 49, 17-31.	3.5	9
9	Polygenic Scores in Developmental Psychology: Invite Genetics In, Leave Biodeterminism Behind. <i>Annual Review of Developmental Psychology</i> , 2020, 2, 389-411.	2.9	22
10	An integrated personal and population-based Egyptian genome reference. <i>Nature Communications</i> , 2020, 11, 4719.	12.8	20
11	Race, science and (im)precision medicine. <i>Nature Medicine</i> , 2020, 26, 1675-1676.	30.7	13
12	An update on genetic risk scores for coronary artery disease: are they useful for predicting disease risk and guiding clinical decisions?. <i>Expert Review of Cardiovascular Therapy</i> , 2020, 18, 443-447.	1.5	2
13	Improving the trans-ancestry portability of polygenic risk scores by prioritizing variants in predicted cell-type-specific regulatory elements. <i>Nature Genetics</i> , 2020, 52, 1346-1354.	21.4	126
14	Assessing the Relationship Between Leukocyte Telomere Length and Cancer Risk/Mortality in UK Biobank and TCGA Datasets With the Genetic Risk Score and Mendelian Randomization Approaches. <i>Frontiers in Genetics</i> , 2020, 11, 583106.	2.3	17
15	Validation of a Genome-Wide Polygenic Score for Coronary Artery Disease in South Asians. <i>Journal of the American College of Cardiology</i> , 2020, 76, 703-714.	2.8	76
16	From genetics to epigenetics to unravel the etiology of adolescent idiopathic scoliosis. <i>Bone</i> , 2020, 140, 115563.	2.9	33
17	Delineation of clinical and biological factors associated with cutaneous squamous cell carcinoma among patients with chronic lymphocytic leukemia. <i>Journal of the American Academy of Dermatology</i> , 2020, 83, 1581-1589.	1.2	4
18	Tutorial: a guide to performing polygenic risk score analyses. <i>Nature Protocols</i> , 2020, 15, 2759-2772.	12.0	918

#	ARTICLE	IF	CITATIONS
19	Associations between gut microbiota and genetic risk for rheumatoid arthritis in the absence of disease: a cross-sectional study. <i>Lancet Rheumatology</i> , The, 2020, 2, e418-e427.	3.9	91
20	Genome-wide association study of cognitive function in diverse Hispanics/Latinos: results from the Hispanic Community Health Study/Study of Latinos. <i>Translational Psychiatry</i> , 2020, 10, 245.	4.8	9
21	Common genetic risk variants identified in the SPARK cohort support DDHD2 as a candidate risk gene for autism. <i>Translational Psychiatry</i> , 2020, 10, 265.	4.8	56
22	Theoretical and empirical quantification of the accuracy of polygenic scores in ancestry divergent populations. <i>Nature Communications</i> , 2020, 11, 3865.	12.8	129
23	The Phenotypic Consequences of Genetic Divergence between Admixed Latin American Populations: Antioquia and Chocó <sup>3</sup> , Colombia. <i>Genome Biology and Evolution</i> , 2020, 12, 1516-1527.	2.5	3
24	Schizophrenia Polygenic Risk and Brain Structural Changes in Methamphetamine-Associated Psychosis in a South African Population. <i>Frontiers in Genetics</i> , 2020, 11, 1018.	2.3	3
25	The effects of polygenic risk for psychiatric disorders and smoking behaviour on psychotic experiences in UK Biobank. <i>Translational Psychiatry</i> , 2020, 10, 330.	4.8	6
26	Implicit bias of encoded variables: frameworks for addressing structured bias in EHR GWAS data. <i>Human Molecular Genetics</i> , 2020, 29, R33-R41.	2.9	15
27	Polygenic Scores for Height in Admixed Populations. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 4027-4036.	1.8	78
28	Understanding polygenic models, their development and the potential application of polygenic scores in healthcare. <i>Journal of Medical Genetics</i> , 2020, 57, 725-732.	3.2	22
29	Publicly Available hiPSC Lines with Extreme Polygenic Risk Scores for Modeling Schizophrenia. <i>Complex Psychiatry</i> , 2020, 6, 68-82.	0.9	18
30	Minding the gap in HIV host genetics: opportunities and challenges. <i>Human Genetics</i> , 2020, 139, 865-875.	3.8	9
31	Genetic control of non-genetic inheritance in mammals: state-of-the-art and perspectives. <i>Mammalian Genome</i> , 2020, 31, 146-156.	2.2	4
32	Hypertension and race/ethnicity. <i>Current Opinion in Cardiology</i> , 2020, 35, 342-350.	1.8	45
33	Importance of Genetic Studies of Cardiometabolic Disease in Diverse Populations. <i>Circulation Research</i> , 2020, 126, 1816-1840.	4.5	19
34	Preimplantation Genetic Testing for Polygenic Disease Relative Risk Reduction: Evaluation of Genomic Index Performance in 11,883 Adult Sibling Pairs. <i>Genes</i> , 2020, 11, 648.	2.4	33
35	Trans-biobank analysis with 676,000 individuals elucidates the association of polygenic risk scores of complex traits with human lifespan. <i>Nature Medicine</i> , 2020, 26, 542-548.	30.7	74
36	Self-reported hearing loss questions provide a good measure for genetic studies: a polygenic risk score analysis from UK Biobank. <i>European Journal of Human Genetics</i> , 2020, 28, 1056-1065.	2.8	21

#	ARTICLE	IF	CITATIONS
37	Unraveling the genetic contributions to complex traits across different ethnic groups. <i>Nature Medicine</i> , 2020, 26, 467-469.	30.7	4
38	Genetic determinants of telomere length and cancer risk. <i>Current Opinion in Genetics and Development</i> , 2020, 60, 63-68.	3.3	15
39	The GWAS Diversity Monitor tracks diversity by disease in real time. <i>Nature Genetics</i> , 2020, 52, 242-243.	21.4	165
40	Improved Prediction of Bacterial Genotype-Phenotype Associations Using Interpretable Pangenome-Spanning Regressions. <i>MBio</i> , 2020, 11, .	4.1	66
41	Genes and environment in attachment. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 112, 254-269.	6.1	16
42	Genetics of Atrial Fibrillation in 2020. <i>Circulation Research</i> , 2020, 127, 21-33.	4.5	110
43	Ancestry effects on type 2 diabetes genetic risk inference in Hispanic/Latino populations. <i>BMC Medical Genetics</i> , 2020, 21, 132.	2.1	17
44	A trans-ethnic two-stage polygenic scoring analysis detects genetic correlation between osteoporosis and schizophrenia. <i>Clinical and Translational Medicine</i> , 2020, 9, 21.	4.0	2
45	Transcriptional and imaging-genetic association of cortical interneurons, brain function, and schizophrenia risk. <i>Nature Communications</i> , 2020, 11, 2889.	12.8	59
46	The importance of including ethnically diverse populations in studies of quantitative trait evolution. <i>Current Opinion in Genetics and Development</i> , 2020, 62, 30-35.	3.3	5
47	Stability in effects of different smoking-related polygenic risk scores over age and smoking phenotypes. <i>Drug and Alcohol Dependence</i> , 2020, 214, 108154.	3.2	1
48	The emerging field of polygenic risk scores and perspective for use in clinical care. <i>Human Molecular Genetics</i> , 2020, 29, R165-R176.	2.9	46
49	Evaluating the promise of inclusion of African ancestry populations in genomics. <i>Npj Genomic Medicine</i> , 2020, 5, 5.	3.8	86
50	Direct-to-Consumer Nutrigenetics Testing: An Overview. <i>Nutrients</i> , 2020, 12, 566.	4.1	27
51	Genetic associations with mathematics tracking and persistence in secondary school. <i>Npj Science of Learning</i> , 2020, 5, 1.	2.8	53
52	Genome-Wide Association Study for Serum Omega-3 and Omega-6 Polyunsaturated Fatty Acids: Exploratory Analysis of the Sex-Specific Effects and Dietary Modulation in Mediterranean Subjects with Metabolic Syndrome. <i>Nutrients</i> , 2020, 12, 310.	4.1	41
53	Polygenic prediction and GWAS of depression, PTSD, and suicidal ideation/self-harm in a Peruvian cohort. <i>Neuropsychopharmacology</i> , 2020, 45, 1595-1602.	5.4	27
54	Genetic susceptibility to asthma increases the vulnerability to indoor air pollution. <i>European Respiratory Journal</i> , 2020, 55, 1901831.	6.7	25

#	ARTICLE	IF	CITATIONS
55	Separating Measured Genetic and Environmental Effects: Evidence Linking Parental Genotype and Adopted Child Outcomes. <i>Behavior Genetics</i> , 2020, 50, 301-309.	2.1	22
56	What is creating the height premium? New evidence from a Mendelian randomization analysis in China. <i>PLoS ONE</i> , 2020, 15, e0230555.	2.5	4
57	The Polygenic Risk Score of Subjective Well-Being, Self-Employment, and Earnings Among Older Individuals*. <i>Entrepreneurship Theory and Practice</i> , 2021, 45, 440-466.	10.2	11
58	How <scp>White</scp> nationalists mobilize genetics: From genetic ancestry and human biodiversity to counterscience and metapolitics. <i>American Journal of Physical Anthropology</i> , 2021, 175, 387-398.	2.1	37
59	Genomic Risk Score impact on susceptibility to systemic sclerosis. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 118-127.	0.9	20
60	Genetic Data: Potential Uses and Misuses in Marketing. <i>Journal of Marketing</i> , 2022, 86, 7-26.	11.3	15
61	Genetically determined lean mass and dietary response. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 661-663.	4.4	0
62	Opportunistic genomic screening. Recommendations of the European Society of Human Genetics. <i>European Journal of Human Genetics</i> , 2021, 29, 365-377.	2.8	76
63	Preconception genome medicine: current state and future perspectives to improve infertility diagnosis and reproductive and health outcomes based on individual genomic data. <i>Human Reproduction Update</i> , 2021, 27, 254-279.	10.8	43
64	Dementia in Latin America: Paving the way toward a regional action plan. <i>Alzheimer's and Dementia</i> , 2021, 17, 295-313.	0.8	68
65	Transferability of Ancestryâ€‘specific and Crossâ€‘Ancestry CYP2A6 Activity Genetic Risk Scores in African and European Populations. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 110, 975-985.	4.7	15
66	Ancestry-specific profiles of genetic determinants of severe hypertriglyceridemia. <i>Journal of Clinical Lipidology</i> , 2021, 15, 88-96.	1.5	6
67	No support for the hereditarian hypothesis of the <scp>Blackâ€‘White</scp> achievement gap using polygenic scores and tests for divergent selection. <i>American Journal of Physical Anthropology</i> , 2021, 175, 465-476.	2.1	8
68	Africanâ€‘specific improvement of a polygenic hazard score for age at diagnosis of prostate cancer. <i>International Journal of Cancer</i> , 2021, 148, 99-105.	5.1	24
69	Screening embryos for polygenic conditions and traits: ethical considerations for an emerging technology. <i>Genetics in Medicine</i> , 2021, 23, 432-434.	2.4	36
70	â€œReports of My Death Were Greatly Exaggeratedâ€‘. <i>Behavior Genetics in the Postgenomic Era. Annual Review of Psychology</i> , 2021, 72, 37-60.	17.7	49
71	Genes Related to Education Predict Frailty Among Older Adults in the United States. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2021, 76, 173-183.	3.9	15
72	Comprehensive assessments of germline deletion structural variants reveal the association between prognostic MUC4 and CEP72 deletions and immune response gene expression in colorectal cancer patients. <i>Human Genomics</i> , 2021, 15, 3.	2.9	4

#	ARTICLE	IF	CITATIONS
73	Polygenic risk for autism, attention-deficit hyperactivity disorder, schizophrenia, major depressive disorder, and neuroticism is associated with the experience of childhood abuse. <i>Molecular Psychiatry</i> , 2021, 26, 1696-1705.	7.9	24
74	Population structure of indigenous inhabitants of Arabia. <i>PLoS Genetics</i> , 2021, 17, e1009210.	3.5	14
75	Functional genomics of psychiatric disease risk using genome engineering. , 2021, , 711-734.		0
76	Trans-ancestry genome-wide association meta-analysis of prostate cancer identifies new susceptibility loci and informs genetic risk prediction. <i>Nature Genetics</i> , 2021, 53, 65-75.	21.4	264
78	The influence of evolutionary history on human health and disease. <i>Nature Reviews Genetics</i> , 2021, 22, 269-283.	16.3	133
79	Searching Far and Genome-Wide: The Relevance of Association Studies in Amyotrophic Lateral Sclerosis. <i>Frontiers in Neuroscience</i> , 2020, 14, 603023.	2.8	9
80	Investigating the genetic architecture of noncognitive skills using GWAS-by-subtraction. <i>Nature Genetics</i> , 2021, 53, 35-44.	21.4	145
81	Highly elevated polygenic risk scores are better predictors of myocardial infarction risk early in life than later. <i>Genome Medicine</i> , 2021, 13, 13.	8.2	36
82	Systematic Evaluation of Cross Population Polygenic Risk Score on Colorectal Cancer. <i>Procedia Computer Science</i> , 2021, 179, 344-351.	2.0	3
83	Meta-analysis of sample-level dbGaP data reveals novel shared genetic link between body height and Crohn's disease. <i>Human Genetics</i> , 2021, 140, 865-877.	3.8	3
85	Polygenic risk scores in cardiovascular risk prediction: A cohort study and modelling analyses. <i>PLoS Medicine</i> , 2021, 18, e1003498.	8.4	95
86	Overview and Perspectives: Cardiovascular Disease in Racial/Ethnic Minorities in the Era of COVID-19. <i>Contemporary Cardiology</i> , 2021, , 1-11.	0.1	0
87	Serum Urate Polygenic Risk Score Can Improve Gout Risk Prediction: A Large-Scale Cohort Study. <i>Frontiers in Genetics</i> , 2020, 11, 604219.	2.3	2
88	Precision Medicine and Public Health: New Challenges for Effective and Sustainable Health. <i>Journal of Personalized Medicine</i> , 2021, 11, 135.	2.5	27
90	Polygenic hazard score is associated with prostate cancer in multi-ethnic populations. <i>Nature Communications</i> , 2021, 12, 1236.	12.8	40
91	Population-specific causal disease effect sizes in functionally important regions impacted by selection. <i>Nature Communications</i> , 2021, 12, 1098.	12.8	68
92	Whole genome sequencing in the Middle Eastern Qatari population identifies genetic associations with 45 clinically relevant traits. <i>Nature Communications</i> , 2021, 12, 1250.	12.8	37
93	Development of genome-wide polygenic risk scores for lipid traits and clinical applications for dyslipidemia, subclinical atherosclerosis, and diabetes cardiovascular complications among East Asians. <i>Genome Medicine</i> , 2021, 13, 29.	8.2	18

#	ARTICLE	IF	CITATIONS
94	The need for polygenic score reporting standards in evidence-based practice: lipid genetics use case. <i>Current Opinion in Lipidology</i> , 2021, 32, 89-95.	2.7	10
95	Predicting the Future of Genetic Risk Profiling of Glaucoma. <i>JAMA Ophthalmology</i> , 2021, 139, 224.	2.5	15
96	Polygenic risk score for alcohol drinking behavior improves prediction of inflammatory bowel disease risk. <i>Human Molecular Genetics</i> , 2021, 30, 514-523.	2.9	2
97	Polygenic risk score validation using Korean genomes of 265 early-onset acute myocardial infarction patients and 636 healthy controls. <i>PLoS ONE</i> , 2021, 16, e0246538.	2.5	7
98	Complicated legacies: The human genome at 20. <i>Science</i> , 2021, 371, 564-569.	12.6	11
99	Circulating Free DNA and Its Emerging Role in Autoimmune Diseases. <i>Journal of Personalized Medicine</i> , 2021, 11, 151.	2.5	27
100	Multiple measures of depression to enhance validity of major depressive disorder in the UK Biobank. <i>BJPsych Open</i> , 2021, 7, e44.	0.7	27
101	Genome-wide association study of psychiatric and substance use comorbidity in Mexican individuals. <i>Scientific Reports</i> , 2021, 11, 6771.	3.3	3
103	Human genetic admixture. <i>PLoS Genetics</i> , 2021, 17, e1009374.	3.5	28
104	A Polygenic Risk Score to Predict Future Adult Short Stature Among Children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 1918-1928.	3.6	19
105	Results of the Seventh Scientific Workshop of ECCO: Precision Medicine in IBD—Prediction and Prevention of Inflammatory Bowel Disease. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 1443-1454.	1.3	33
106	Polygenic Risk Scores Augment Stroke Subtyping. <i>Neurology: Genetics</i> , 2021, 7, e560.	1.9	17
108	Fate or coincidence: do COPD and major depression share genetic risk factors?. <i>Human Molecular Genetics</i> , 2021, 30, 619-628.	2.9	5
109	Genetic Risk Assessment for Atherosclerotic Cardiovascular Disease. <i>Cardiology in Review</i> , 2021, Publish Ahead of Print, .	1.4	2
110	Non-communicable diseases pandemic and precision medicine: Is Africa ready?. <i>EBioMedicine</i> , 2021, 65, 103260.	6.1	23
111	Precision health in Alzheimer disease: Risk assessment-based strategies. <i>Precision Medical Sciences</i> , 2021, 10, 54-70.	0.5	1
112	Epidemiology and genomics of prostate cancer in Asian men. <i>Nature Reviews Urology</i> , 2021, 18, 282-301.	3.8	111
113	The Polygenic Score Catalog as an open database for reproducibility and systematic evaluation. <i>Nature Genetics</i> , 2021, 53, 420-425.	21.4	293

#	ARTICLE	IF	CITATIONS
116	Do Breast Cancer Risk Scores Work for You?. Journal of the National Cancer Institute, 2021, 113, 1118-1119.	6.3	1
117	Cumulative Genetic Risk and APOE $\epsilon$ 4 Are Independently Associated With Dementia Status in a Multiethnic, Population-Based Cohort. Neurology: Genetics, 2021, 7, e576.	1.9	7
119	Geographic variation in the polygenic score of height in Japan. Human Genetics, 2021, 140, 1097-1108.	3.8	6
120	Predicting anthropometric and metabolic traits with a genetic risk score for obesity in a sample of Pakistanis. Scientific Reports, 2021, 11, 8320.	3.3	2
121	Genetic contributions to bipolar disorder: current status and future directions. Psychological Medicine, 2021, 51, 2156-2167.	4.5	34
122	Common and Rare Variant Prediction and Penetrance of IBD in a Large, Multi-ethnic, Health System-based Biobank Cohort. Gastroenterology, 2021, 160, 1546-1557.	1.3	43
124	Cases in Precision Medicine: Genetic Testing to Predict Future Risk for Disease in a Healthy Patient. Annals of Internal Medicine, 2021, 174, 540-547.	3.9	7
125	Cross-ancestry genome-wide association studies identified heterogeneous loci associated with differences of allele frequency and regulome tagging between participants of European descent and other ancestry groups from the UK Biobank. Human Molecular Genetics, 2021, 30, 1457-1467.	2.9	6
126	Systematic Review: Molecular Studies of Common Genetic Variation in Child and Adolescent Psychiatric Disorders. Journal of the American Academy of Child and Adolescent Psychiatry, 2022, 61, 227-242.	0.5	15
127	Pygmalion in the genes? On the potentially negative impacts of polygenic scores for educational attainment. Social Psychology of Education, 2021, 24, 789.	2.5	7
128	Opportunities and challenges for the computational interpretation of rare variation in clinically important genes. American Journal of Human Genetics, 2021, 108, 535-548.	6.2	40
129	A maximum flow-based network approach for identification of stable noncoding biomarkers associated with the multigenic neurological condition, autism. BioData Mining, 2021, 14, 28.	4.0	0
130	Limited haplotype diversity underlies polygenic trait architecture across 70 years of wheat breeding. Genome Biology, 2021, 22, 137.	8.8	39
131	Genome-wide association study of more than 40,000 bipolar disorder cases provides new insights into the underlying biology. Nature Genetics, 2021, 53, 817-829.	21.4	629
132	Cultural evolution of genetic heritability. Behavioral and Brain Sciences, 2022, 45, 1-147.	0.7	26
133	Impact of autism genetic risk on brain connectivity: a mechanism for the female protective effect. Brain, 2022, 145, 378-387.	7.6	9
135	Will polygenic risk scores for cancer ever be clinically useful?. Npj Precision Oncology, 2021, 5, 40.	5.4	37
136	Admixed Populations Improve Power for Variant Discovery and Portability in Genome-Wide Association Studies. Frontiers in Genetics, 2021, 12, 673167.	2.3	22



#	ARTICLE	IF	CITATIONS
137	Polygenic Risk Scores. Current Protocols, 2021, 1, e126.	2.9	11
138	Genetics of Body Fat Distribution: Comparative Analyses in Populations with European, Asian and African Ancestries. Genes, 2021, 12, 841.	2.4	21
139	Development and Validation of a Polygenic Risk Score for Stroke in the Chinese Population. Neurology, 2021, 97, e619-e628.	1.1	19
140	Polygenic Risk for Insomnia in Adolescents of Diverse Ancestry. Frontiers in Genetics, 2021, 12, 654717.	2.3	4
141	COVID-19 one year into the pandemic: from genetics and genomics to therapy, vaccination, and policy. Human Genomics, 2021, 15, 27.	2.9	39
142	The trans-ancestral genomic architecture of glycemic traits. Nature Genetics, 2021, 53, 840-860.	21.4	341
144	Obsessive-Compulsive Symptoms, Polygenic Risk Score, and Thalamic Development in Children From the Brazilian High-Risk Cohort for Mental Conditions (BHRCS). Frontiers in Psychiatry, 2021, 12, 673595.	2.6	1
145	EPICURE: Ensemble Pretrained Models for Extracting Cancer Mutations from Literature. , 2021, , .		5
146	Developmental Language Disorder and Psychopathology: Disentangling Shared Genetic and Environmental Influences. Journal of Learning Disabilities, 2022, 55, 185-199.	2.2	12
147	The practical utility of genetic screening in school settings. Npj Science of Learning, 2021, 6, 12.	2.8	7
149	Combined application of genetic and polygenic risk scores for type 1 diabetes risk prediction. Diabetes, Obesity and Metabolism, 2021, 23, 2001-2003.	4.4	2
150	Genetic Moderation of the Association Between Early Family Instability and Trajectories of Aggressive Behaviors from Middle Childhood to Adolescence. Behavior Genetics, 2021, 51, 476-491.	2.1	8
151	Body Mass Index and Birth Weight Improve Polygenic Risk Score for Type 2 Diabetes. Journal of Personalized Medicine, 2021, 11, 582.	2.5	12
153	Statistical genetics and polygenic risk score for precision medicine. Inflammation and Regeneration, 2021, 41, 18.	3.7	27
154	Behavior genetics research on personality: Moving beyond traits to examine characteristic adaptations. Social and Personality Psychology Compass, 2021, 15, e12628.	3.7	4
155	Taking risks to feel excitement: Detailed personality profile and genetic associations. European Journal of Personality, 0, , 089020702110192.	3.1	2
156	Performance of African-ancestry-specific polygenic hazard score varies according to local ancestry in 8q24. Prostate Cancer and Prostatic Diseases, 2022, 25, 229-237.	3.9	9
157	Validation of an Integrated Risk Tool, Including Polygenic Risk Score, for Atherosclerotic Cardiovascular Disease in Multiple Ethnicities and Ancestries. American Journal of Cardiology, 2021, 148, 157-164.	1.6	48

#	ARTICLE	IF	CITATIONS
158	Genetic Ancestry Inference and Its Application for the Genetic Mapping of Human Diseases. International Journal of Molecular Sciences, 2021, 22, 6962.	4.1	8
160	Reconstructing Sociogenomics Research: Dismantling Biological Race and Genetic Essentialism Narratives. Journal of Health and Social Behavior, 2021, 62, 419-435.	4.8	11
162	New Polygenic Risk Score to Predict High Myopia in Singapore Chinese Children. Translational Vision Science and Technology, 2021, 10, 26.	2.2	11
163	Hypertension genetics past, present and future applications. Journal of Internal Medicine, 2021, 290, 1130-1152.	6.0	20
164	Implementation and implications for polygenic risk scores in healthcare. Human Genomics, 2021, 15, 46.	2.9	36
165	Causal Effect of Adiposity Measures on Blood Pressure Traits in 2 Urban Swedish Cohorts: A Mendelian Randomization Study. Journal of the American Heart Association, 2021, 10, e020405.	3.7	6
166	The Associations of Polygenic Scores for Risky Behaviors and Parenting Behaviors with Adolescent Externalizing Problems. Behavior Genetics, 2022, 52, 26-37.	2.1	5
167	Characterizing the Genetic Architecture of Parkinson's Disease in Latinos. Annals of Neurology, 2021, 90, 353-365.	5.3	48
168	Has translational genomics come of age in Africa?. Human Molecular Genetics, 2021, 30, R164-R173.	2.9	11
169	Preliminary insights into the genetic architecture of postpartum depressive symptom severity using polygenic risk scores. Personalized Medicine in Psychiatry, 2021, 27-28, 100081.	0.1	2
170	Genetic prediction of complex traits with polygenic scores: a statistical review. Trends in Genetics, 2021, 37, 995-1011.	6.7	55
171	A fast and robust Bayesian nonparametric method for prediction of complex traits using summary statistics. PLoS Genetics, 2021, 17, e1009697.	3.5	34
172	Biological bases of cancer: a proposal of minimum contents for health schools. International Journal of Medical and Surgical Sciences, 0, , 1-11.	0.0	0
174	Genome-Wide Approach to Measure Variant-Based Heritability of Drug Outcome Phenotypes. Clinical Pharmacology and Therapeutics, 2021, 110, 714-722.	4.7	7
175	Multi-omics approach to precision medicine for immune-mediated diseases. Inflammation and Regeneration, 2021, 41, 23.	3.7	20
176	The Role of Electronic Health Records in Advancing Genomic Medicine. Annual Review of Genomics and Human Genetics, 2021, 22, 219-238.	6.2	11
177	Clinical Conditions and Their Impact on Utility of Genetic Scores for Prediction of Acute Coronary Syndrome. Circulation Genomic and Precision Medicine, 2021, 14, e003283.	3.6	4
178	Evaluation of low-pass genome sequencing in polygenic risk score calculation for Parkinson's disease. Human Genomics, 2021, 15, 58.	2.9	4

#	ARTICLE	IF	CITATIONS
179	Increasing sample diversity in psychiatric genetics –“Introducing a new cohort of patients with schizophrenia and controls from Vietnam” Results from a pilot study. World Journal of Biological Psychiatry, 2022, 23, 219-227.	2.6	1
180	Quantitative Human Paleogenetics: What can Ancient DNA Tell us About Complex Trait Evolution?. Frontiers in Genetics, 2021, 12, 703541.	2.3	23
181	Generalizability of Polygenic Risk Scores for Breast Cancer Among Women With European, African, and Latinx Ancestry. JAMA Network Open, 2021, 4, e2119084.	5.9	31
182	Update on human genetic susceptibility to COVID-19: susceptibility to virus and response. Human Genomics, 2021, 15, 57.	2.9	15
183	Conceptual Design of Polygenic Risk Score Web Portal. , 2021, , .		0
186	Genetic underpinnings of regional adiposity distribution in African Americans: Assessments from the Jackson Heart Study. PLoS ONE, 2021, 16, e0255609.	2.5	2
188	Relationship between rice farming and polygenic scores potentially linked to agriculture in China. Royal Society Open Science, 2021, 8, 210382.	2.4	6
189	Mendelian Randomization: Concepts and Scope. Cold Spring Harbor Perspectives in Medicine, 2022, 12, a040501.	6.2	214
190	Educational attainment polygenic score predicts inhibitory control and academic skills in early and middle childhood. Genes, Brain and Behavior, 2021, 20, e12762.	2.2	6
191	The Propagation of Racial Disparities in Cardiovascular Genomics Research. Circulation Genomic and Precision Medicine, 2021, 14, e003178.	3.6	14
192	Multi-Trait Genomic Risk Stratification for Type 2 Diabetes. Frontiers in Medicine, 2021, 8, 711208.	2.6	9
193	False discovery rate control in genome-wide association studies with population structure. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	33
195	Polygenic risk score and coronary artery disease: A meta-analysis of 979,286 participant data. Atherosclerosis, 2021, 333, 48-55.	0.8	18
197	Elevated risk of attention deficit hyperactivity disorder (ADHD) in Japanese children with higher genetic susceptibility to ADHD with a birth weight under 2000 g. BMC Medicine, 2021, 19, 229.	5.5	10
198	On cross-ancestry cancer polygenic risk scores. PLoS Genetics, 2021, 17, e1009670.	3.5	32
199	Ethical concerns relating to genetic risk scores for suicide. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2021, 186, 433-444.	1.7	13
200	Polygenic risk scoring of human embryos: a qualitative study of media coverage. BMC Medical Ethics, 2021, 22, 125.	2.4	12
201	Association analysis and polygenic risk score evaluation of 38 GWAS-identified Loci in a Chinese population with Parkinson’s disease. Neuroscience Letters, 2021, 762, 136150.	2.1	3

#	ARTICLE	IF	CITATIONS
203	Motivation and Cognitive Abilities as Mediators Between Polygenic Scores and Psychopathology in Children. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2022, 61, 782-795.e3.	0.5	14
204	Adapting skills from genetic counseling to wearables technology research during the COVID-19 pandemic: Poised for the pivot. <i>Journal of Genetic Counseling</i> , 2021, 30, 1269-1275.	1.6	0
206	Suicide and Psychosis: Results From a Population-Based Cohort of Suicide Death ( $N = 4380$ ). <i>Schizophrenia Bulletin</i> , 2022, 48, 457-462.	4.3	4
207	Polygenic risk scores in the clinic: Translating risk into action. <i>Human Genetics and Genomics Advances</i> , 2021, 2, 100047.	1.7	26
208	Twin studies to GWAS: there and back again. <i>Trends in Cognitive Sciences</i> , 2021, 25, 855-869.	7.8	39
209	Associations between major psychiatric disorder polygenic risk scores and blood-based markers in UK biobank. <i>Brain, Behavior, and Immunity</i> , 2021, 97, 32-41.	4.1	9
210	Polyenvironmental and polygenic risk scores and the emergence of psychotic experiences in adolescents. <i>Journal of Psychiatric Research</i> , 2021, 142, 384-388.	3.1	1
211	Genetic Background of Mesalamine-induced Fever and Diarrhea in Japanese Patients with Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2022, 28, 21-31.	1.9	14
212	The evolution of group differences in changing environments. <i>PLoS Biology</i> , 2021, 19, e3001072.	5.6	37
213	African genetic diversity and adaptation inform a precision medicine agenda. <i>Nature Reviews Genetics</i> , 2021, 22, 284-306.	16.3	69
215	Inclusion of variants discovered from diverse populations improves polygenic risk score transferability. <i>Human Genetics and Genomics Advances</i> , 2021, 2, 100017.	1.7	64
217	Introduction to Precision Medicine: Minority Populations and Cardiovascular Health. <i>Contemporary Cardiology</i> , 2021, , 13-22.	0.1	0
218	Copy number variants in siblings of Mexican origin concordant for schizophrenia or bipolar disorder. <i>Psychiatry Research</i> , 2020, 291, 113018.	3.3	6
242	Cutting-edge genetics in obsessive-compulsive disorder. <i>Faculty Reviews</i> , 2020, 9, 30.	3.9	8
243	A genotype imputation method for de-identified haplotype reference information by using recurrent neural network. <i>PLoS Computational Biology</i> , 2020, 16, e1008207.	3.2	11
244	Polygenic Profile of Elite Strength Athletes. <i>Journal of Strength and Conditioning Research</i> , 2022, 36, 2509-2514.	2.1	19
245	Interactions between Polygenic Scores and Environments: Methodological and Conceptual Challenges. <i>Sociological Science</i> , 0, 7, 365-386.	2.0	33
246	Can education be personalised using pupils' genetic data?. <i>ELife</i> , 2020, 9, .	6.0	34

#	ARTICLE	IF	CITATIONS
247	Utility of polygenic embryo screening for disease depends on the selection strategy. <i>ELife</i> , 2021, 10, .	6.0	34
248	Polygenic score for cigarette smoking is associated with ever electronic cigarette use in a college-aged sample. <i>Addiction</i> , 2022, 117, 1071-1078.	3.3	4
250	Genome-wide stress sensitivity moderates the stress-depression relationship in a nationally representative sample of adults. <i>Scientific Reports</i> , 2021, 11, 20332.	3.3	5
251	A Gene-Environment Interaction Study of Polygenic Scores and Maltreatment on Childhood ADHD. <i>Research on Child and Adolescent Psychopathology</i> , 2022, 50, 309-319.	2.3	6
252	Calibrated rare variant genetic risk scores for complex disease prediction using large exome sequence repositories. <i>Nature Communications</i> , 2021, 12, 5852.	12.8	19
253	Associations between polygenic risk of substance use and use disorder and alcohol, cannabis, and nicotine use in adolescence and young adulthood in a longitudinal twin study. <i>Psychological Medicine</i> , 2023, 53, 2296-2306.	4.5	7
254	Incorporating functional priors improves polygenic prediction accuracy in UK Biobank and 23andMe data sets. <i>Nature Communications</i> , 2021, 12, 6052.	12.8	52
255	Toward a methodology for evaluating DNA variants in nuclear families. <i>PLoS ONE</i> , 2021, 16, e0258375.	2.5	0
258	Development and Implementation of Polygenic Risk Score in Vietnamese Population. <i>Research and Development on Information and Communication Technology</i> , 2019, 2019, 75-83.	0.4	0
262	A Web Portal for Communicating Polygenic Risk Score Results for Health Care Use The P5 Study. <i>Frontiers in Genetics</i> , 2021, 12, 763159.	2.3	8
263	Contributions of PTSD polygenic risk and environmental stress to suicidality in preadolescents. <i>Neurobiology of Stress</i> , 2021, 15, 100411.	4.0	11
264	High Polygenic Risk Scores Are Associated With Early Age of Onset of Alcohol Use Disorder in Adolescents and Young Adults at Risk. <i>Biological Psychiatry Global Open Science</i> , 2022, 2, 379-388.	2.2	7
266	Prediction of primary venous thromboembolism based on clinical and genetic factors within the U.K. Biobank. <i>Scientific Reports</i> , 2021, 11, 21340.	3.3	7
267	The Liability Threshold Model for Predicting the Risk of Cardiovascular Disease in Patients with Type 2 Diabetes: A Multi-Cohort Study of Korean Adults. <i>Metabolites</i> , 2021, 11, 6.	2.9	3
268	Genetic liability in individuals at ultra-high risk of psychosis: A comparison study of 9 psychiatric traits. <i>PLoS ONE</i> , 2020, 15, e0243104.	2.5	3
269	Eating disorders genetics in Asia. <i>International Journal of Eating Disorders</i> , 2021, 54, 184-186.	4.0	1
271	Machine learning suggests polygenic risk for cognitive dysfunction in amyotrophic lateral sclerosis. <i>EMBO Molecular Medicine</i> , 2021, 13, e12595.	6.9	13
275	Interaction-Based Feature Selection Algorithm Outperforms Polygenic Risk Score in Predicting Parkinson's Disease Status. <i>Frontiers in Genetics</i> , 2021, 12, 744557.	2.3	5

#	ARTICLE	IF	CITATIONS
276	What Have We Learned About the Genetics of Obsessive-Compulsive and Related Disorders in Recent Years?. Focus (American Psychiatric Publishing), 2021, 19, 384-391.	0.8	2
277	Use of the PsycheMERGE Network to Investigate the Association Between Depression Polygenic Scores and White Blood Cell Count. JAMA Psychiatry, 2021, 78, 1365.	11.0	31
278	Searching for robust associations with a multi-environment knockoff filter. Biometrika, 2022, 109, 611-629.	2.4	9
279	Advances in integrative African genomics. Trends in Genetics, 2022, 38, 152-168.	6.7	6
281	Comparison of Polygenic Risk for Schizophrenia between European and Korean Populations. Korean Journal of Schizophrenia Research, 2020, 23, 65-70.	0.3	3
282	Could personalised risk prediction for type 2 diabetes using polygenic risk scores direct prevention, enhance diagnostics, or improve treatment?. Wellcome Open Research, 0, 5, 206.	1.8	4
286	Identification of Biomarkers for the Prevention of Chronic Disease. SpringerBriefs in Public Health, 2021, , 9-32.	0.2	1
288	GPCR Patient Drug Interactionâ€”Pharmacogenetics: Genome-Wide Association Studies (GWAS). , 2021, , .		0
289	Performance of polygenic risk scores for cancer prediction in a racially diverse academic biobank. Genetics in Medicine, 2022, 24, 601-609.	2.4	13
290	Non-Invasive Prenatal Testing for â€œNon-Medicalâ€•Traits: Ensuring Consistency in Ethical Decision-Making. American Journal of Bioethics, 2023, 23, 3-20.	0.9	21
291	IdÃ©fix: identifying accidental sample mix-ups in biobanks using polygenic scores. Bioinformatics, 2022, 38, 1059-1066.	4.1	1
292	Exploring the interplay of dopaminergic genotype and parental behavior in relation to executive function in early childhood. Development and Psychopathology, 2023, 35, 1147-1158.	2.3	6
293	Strong and weak cross-inheritance of substance use disorders in a nationally representative sample. Molecular Psychiatry, 2022, 27, 1742-1753.	7.9	4
294	Genomic predictors of testosterone levels are associated with muscle fiber size and strength. European Journal of Applied Physiology, 2021, , 1.	2.5	11
298	Multi-omic insights into Parkinson's Disease: From genetic associations to functional mechanisms. Neurobiology of Disease, 2022, 163, 105580.	4.4	20
299	Investigating the Genetic Architecture of Non-Cognitive Skills Using Gwas-by-Subtraction. SSRN Electronic Journal, 0, , .	0.4	5
301	Genetic architecture of gene regulation in Indonesian populations identifies QTLs associated with global and local ancestries. American Journal of Human Genetics, 2022, 109, 50-65.	6.2	11
302	A Smoothed Version of the Lasso Penalty for Fitting Integrated Risk Models Using Summary Statistics or Individual-Level Data. Genes, 2022, 13, 112.	2.4	1

#	ARTICLE	IF	CITATIONS
303	Oxytocin Exposure in Labor and its Relationship with Cognitive Impairment and the Genetic Architecture of Autism. <i>Journal of Autism and Developmental Disorders</i> , 2023, 53, 66-79.	2.7	2
304	Polygenic scores for psychiatric disease: from research tool to clinical application. <i>Medizinische Genetik</i> , 2020, 32, 39-45.	0.2	14
307	Imputation Performance in Latin American Populations: Improving Rare Variants Representation With the Inclusion of Native American Genomes. <i>Frontiers in Genetics</i> , 2021, 12, 719791.	2.3	7
309	Stability of polygenic scores across discovery genome-wide association studies. <i>Human Genetics and Genomics Advances</i> , 2022, 3, 100091.	1.7	15
310	Portability of 245 polygenic scores when derived from the UK Biobank and applied to 9 ancestry groups from the same cohort. <i>American Journal of Human Genetics</i> , 2022, 109, 12-23.	6.2	136
311	Homologous recombination DNA repair gene RAD51, XRCC2 & XRCC3 polymorphisms and breast cancer risk in South Indian women. <i>PLoS ONE</i> , 2022, 17, e0259761.	2.5	6
312	Polygenic risk prediction based on singular value decomposition with applications to alcohol use disorder. <i>BMC Bioinformatics</i> , 2022, 23, 28.	2.6	0
314	Competing analytical strategies of combining associated SNPs for estimating genetic risks. <i>Journal of Genetics</i> , 2022, 101, 1.	0.7	0
316	Polygenic Prediction of Type 2 Diabetes in Africa. <i>Diabetes Care</i> , 2022, 45, 717-723.	8.6	12
317	Computational Models for Clinical Applications in Personalized Medicine—Guidelines and Recommendations for Data Integration and Model Validation. <i>Journal of Personalized Medicine</i> , 2022, 12, 166.	2.5	24
319	Deconstructing a Syndrome: Genomic Insights Into PCOS Causal Mechanisms and Classification. <i>Endocrine Reviews</i> , 2022, 43, 927-965.	20.1	75
320	Genetic and early environmental predictors of adulthood self-reports of trauma. <i>British Journal of Psychiatry</i> , 2022, 221, 613-620.	2.8	9
321	Dissecting the genetic architecture of suicide attempt and repeated attempts in Korean patients with bipolar disorder using polygenic risk scores. <i>International Journal of Bipolar Disorders</i> , 2022, 10, 3.	2.2	4
322	Limited association between infections, autoimmune disease and genetic risk and immune activation in severe mental disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 116, 110511.	4.8	4
323	PGS-server: accuracy, robustness and transferability of polygenic score methods for biobank scale studies. <i>Briefings in Bioinformatics</i> , 2022, 23, .	6.5	12
324	Understanding Anhedonia from a Genomic Perspective. <i>Current Topics in Behavioral Neurosciences</i> , 2022, , 1.	1.7	1
325	Predicting Multiple Sclerosis: Challenges and Opportunities. <i>Frontiers in Neurology</i> , 2021, 12, 761973.	2.4	7
329	Towards equitable and trustworthy genomics research. <i>EBioMedicine</i> , 2022, 76, 103879.	6.1	34



#	ARTICLE	IF	CITATIONS
330	Polygenic risk scores: the future of cancer risk prediction, screening, and precision prevention. Medical Review, 2021, 1, 129-149.	1.2	4
331	Genetic analysis in African American children supports ancestry specific neuroblastoma susceptibility. Cancer Epidemiology Biomarkers and Prevention, 2022, , cebp.EPI-21-0782-A.2021.	2.5	1
332	A Final Frontier in Environment-Genome Interactions? Integrated, Multi-Omic Approaches to Predictions of Non-Communicable Disease Risk. Frontiers in Genetics, 2022, 13, 831866.	2.3	5
333	Prostate cancer risk stratification improvement across multiple ancestries with new polygenic hazard score. Prostate Cancer and Prostatic Diseases, 2022, 25, 755-761.	3.9	14
334	The power of genetic diversity in genome-wide association studies of lipids. Nature, 2021, 600, 675-679.	27.8	353
336	netCRS: Network-based comorbidity risk score for prediction of myocardial infarction using biobank-scaled PheWAS data. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2022, 27, 325-336.	0.7	0
337	Genetic Advantage and Equality of Opportunity in Education: Two Definitions and an Empirical Application. SSRN Electronic Journal, 0, , .	0.4	0
338	Schizophrenia genomics. , 2022, , 17-41.		0
339	Endophenotypes in psychiatric genomics: a selective review of their status and a call to action. , 2022, , 361-384.		0
341	Polygenic Risk Score in African populations: progress and challenges. F1000Research, 0, 11, 175.	1.6	2
342	The “Golden Age” of Behavior Genetics?. Perspectives on Psychological Science, 2022, 17, 1188-1210.	9.0	9
343	Prediction performance of linear models and gradient boosting machine on complex phenotypes in outbred mice. G3: Genes, Genomes, Genetics, 2022, 12, .	1.8	7
344	Calculating Polygenic Risk Scores (PRS) in UK Biobank: A Practical Guide for Epidemiologists. Frontiers in Genetics, 2022, 13, 818574.	2.3	42
345	Alzheimer’s Disease Polygenic Scores Predict Changes in Episodic Memory and Executive Function Across 12 Years in Late Middle Age. Journal of the International Neuropsychological Society, 2023, 29, 136-147.	1.8	8
346	A polygenic risk score improves risk stratification of coronary artery disease: a large-scale prospective Chinese cohort study. European Heart Journal, 2022, 43, 1702-1711.	2.2	58
347	Familial aggregation and shared genetic loading for major psychiatric disorders and type 2 diabetes. Diabetologia, 2022, 65, 800-810.	6.3	9
348	Dissecting the Polygenic Basis of Primary Hypertension: Identification of Key Pathway-Specific Components. Frontiers in Cardiovascular Medicine, 2022, 9, 814502.	2.4	5
349	Polygenic prediction of educational attainment within and between families from genome-wide association analyses in 3 million individuals. Nature Genetics, 2022, 54, 437-449.	21.4	215



#	ARTICLE	IF	CITATIONS
350	Neurobiological, familial and genetic risk factors for dimensional psychopathology in the Adolescent Brain Cognitive Development study. <i>Molecular Psychiatry</i> , 2022, 27, 2731-2741.	7.9	14
351	Diversity in human genetics studies accelerates discovery and improves health care. <i>Nature Reviews Cardiology</i> , 2022, 19, 289-290.	13.7	4
352	Indirect paths from genetics to education. <i>Nature Genetics</i> , 2022, 54, 372-373.	21.4	5
353	Development of a polygenic risk score to improve detection of peripheral artery disease. <i>Vascular Medicine</i> , 2022, 27, 219-227.	1.5	5
355	Canalization of the Polygenic Risk for Common Diseases and Traits in the UK Biobank Cohort. <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	8
356	Polygenic transcriptome risk scores for COPD and lung function improve cross-ethnic portability of prediction in the NHLBI TOPMed program. <i>American Journal of Human Genetics</i> , 2022, 109, 857-870.	6.2	7
357	Social Adversity Reduces Polygenic Score Expressivity for General Cognitive Ability, but Not Height. <i>Twin Research and Human Genetics</i> , 2022, 25, 10-23.	0.6	4
358	An integrative skeletal and paleogenomic analysis of stature variation suggests relatively reduced health for early European farmers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2106743119.	7.1	21
359	Leveraging fine-mapping and multipopulation training data to improve cross-population polygenic risk scores. <i>Nature Genetics</i> , 2022, 54, 450-458.	21.4	109
360	Genetically-predicted trait-BMI, everyday discrimination and life satisfaction among older U.S. adults. <i>Adaptive Human Behavior and Physiology</i> , 0, , 1.	1.1	0
361	Genetic Association of Attention-Deficit/Hyperactivity Disorder and Major Depression With Suicidal Ideation and Attempts in Children: The Adolescent Brain Cognitive Development Study. <i>Biological Psychiatry</i> , 2022, 92, 236-245.	1.3	17
362	Prostate cancer risk in men of differing genetic ancestry and approaches to disease screening and management in these groups. <i>British Journal of Cancer</i> , 2022, 126, 1366-1373.	6.4	12
363	Polygenic Risk Score Prediction for Endometriosis. <i>Frontiers in Reproductive Health</i> , 2021, 3, .	1.9	3
364	Interaction of Cigarette Smoking and Polygenic Risk Score on Reduced Lung Function. <i>JAMA Network Open</i> , 2021, 4, e2139525.	5.9	22
366	Racial Discrimination and Alcohol Problems: Examining Interactions with Genetic Risk and Impulsivity among African American Young Adults. <i>Journal of Youth and Adolescence</i> , 2022, 51, 1552-1567.	3.5	1
367	Computational Methods for the Study of Peroxisomes in Health and Disease. <i>Physiology</i> , 0, , .	10.0	0
368	Human genetic admixture through the lens of population genomics. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20200410.	4.0	15
369	Genome-wide risk prediction of common diseases across ancestries in one million people. <i>Cell Genomics</i> , 2022, 2, 100118.	6.5	34

#	ARTICLE	IF	CITATIONS
370	Improving polygenic prediction with genetically inferred ancestry. Human Genetics and Genomics Advances, 2022, 3, 100109.	1.7	1
371	Population differentiation of polygenic score predictions under stabilizing selection. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, 20200416.	4.0	26
372	Polygenic risk, population structure and ongoing difficulties with race in human genetics. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, 20200427.	4.0	10
373	Diversity and its causes: Lewontin on racism, biological determinism and the adaptationist programme. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, 20200417.	4.0	7
374	Implications of the genomic revolution for education research and policy. British Educational Research Journal, 0, , .	2.5	1
377	Associations between depression-relevant genetic risk and youth stress exposure: Evidence of geneâ€“environment correlations.. , 2022, 131, 457-466.		2
378	Phenome-Wide Association Study of Polygenic Risk Score for Alzheimerâ€™s Disease in Electronic Health Records. Frontiers in Aging Neuroscience, 2022, 14, 800375.	3.4	6
379	Investigating how the accuracy of teacher expectations of pupil performance relate to socioeconomic and genetic factors. Scientific Reports, 2022, 12, 7120.	3.3	1
380	Inferring intelligence of ancient people based on modern genomic studies. Journal of Human Genetics, 2022, , .	2.3	0
381	Can adult polygenic scores improve prediction of body mass index in childhood?. International Journal of Obesity, 2022, 46, 1375-1383.	3.4	7
382	Meta-analysis of sub-Saharan African studies provides insights into genetic architecture of lipid traits. Nature Communications, 2022, 13, 2578.	12.8	18
383	Polygenic score accuracy in ancient samples: Quantifying the effects of allelic turnover. PLoS Genetics, 2022, 18, e1010170.	3.5	4
384	The impact of digital media on childrenâ€™s intelligence while controlling for genetic differences in cognition and socioeconomic background. Scientific Reports, 2022, 12, 7720.	3.3	28
385	Improving polygenic prediction in ancestrally diverse populations. Nature Genetics, 2022, 54, 573-580.	21.4	209
386	Polygenic risk scores of endo-phenotypes identify the effect of genetic background in congenital heart disease. Human Genetics and Genomics Advances, 2022, 3, 100112.	1.7	1
387	Haplotype phasing of a bipolar disorder pedigree revealed rare multiple mutations of SPOCD1 gene in the 1p36â€“35 susceptibility locus. Journal of Affective Disorders, 2022, 310, 96-105.	4.1	2
388	Challenges and Opportunities for Developing More Generalizable Polygenic Risk Scores. Annual Review of Biomedical Data Science, 2022, 5, 293-320.	6.5	47
389	Importance of Including Non-European Populations in Large Human Genetic Studies to Enhance Precision Medicine. Annual Review of Biomedical Data Science, 2022, 5, 321-339.	6.5	17

#	ARTICLE	IF	CITATIONS
390	Genetic Advantage and Equality of Opportunity in Education: Two Definitions and an Empirical Illustration. SSRN Electronic Journal, 0, , .	0.4	0
391	Amplification is the Primary Mode of Gene-by-Sex Interaction in Complex Human Traits. SSRN Electronic Journal, 0, , .	0.4	0
392	Polygenic Resilience Modulates the Penetrance of Parkinson Disease Genetic Risk Factors. Annals of Neurology, 2022, 92, 270-278.	5.3	10
393	High heritability of ascending aortic diameter and trans-ancestry prediction of thoracic aortic disease. Nature Genetics, 2022, 54, 772-782.	21.4	29
394	Clarifying the causes of consistent and inconsistent findings in genetics. Genetic Epidemiology, 2022, 46, 372-389.	1.3	4
395	Transferability of genetic risk scores in African populations. Nature Medicine, 2022, 28, 1163-1166.	30.7	39
397	Reliability is No Vice: Environmental Variance and Human Agency. Biological Theory, 0, , .	1.5	0
399	Cross-ancestry genomic research: time to close the gap. Neuropsychopharmacology, 2022, 47, 1737-1738.	5.4	7
400	A multi-ethnic polygenic risk score is associated with hypertension prevalence and progression throughout adulthood. Nature Communications, 2022, 13, .	12.8	27
401	Polygenic risk prediction and SNCA haplotype analysis in a Latino Parkinson's disease cohort. Parkinsonism and Related Disorders, 2022, 102, 7-15.	2.2	2
402	Glaucoma Genetic Risk Scores in the Million Veteran Program. Ophthalmology, 2022, 129, 1263-1274.	5.2	8
403	Mitochondrial and autophagy-lysosomal pathway polygenic risk scores predict Parkinson's disease. Molecular and Cellular Neurosciences, 2022, 121, 103751.	2.2	9
404	Preparing the workforce for genomic medicine: International challenges and strategies. , 2022, , 131-139.		1
405	Genotype imputation and polygenic score estimation in northwestern Russian population. PLoS ONE, 2022, 17, e0269434.	2.5	3
406	Interaction of background genetic risk, psychotropic medications, and primary angle closure glaucoma in the UK Biobank. PLoS ONE, 2022, 17, e0270530.	2.5	1
408	Polygenic Risk Scores for Cardiovascular Disease: A Scientific Statement From the American Heart Association. Circulation, 2022, 146, .	1.6	80
409	Evaluating indirect genetic effects of siblings using singletons. PLoS Genetics, 2022, 18, e1010247.	3.5	7
410	Incorporating family history of disease improves polygenic risk scores in diverse populations. Cell Genomics, 2022, 2, 100152.	6.5	17

#	ARTICLE	IF	CITATIONS
412	Polygenic Risk Scores in Alzheimer's Disease Genetics: Methodology, Applications, Inclusion, and Diversity. <i>Journal of Alzheimer's Disease</i> , 2022, 89, 1-12.	2.6	17
413	LmTag: functional-enrichment and imputation-aware tag SNP selection for population-specific genotyping arrays. <i>Briefings in Bioinformatics</i> , 2022, 23, .	6.5	1
414	Recommendations to encourage participation of individuals from diverse backgrounds in psychiatric genetic studies. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2022, 189, 163-173.	1.7	10
415	Including diverse and admixed populations in genetic epidemiology research. <i>Genetic Epidemiology</i> , 2022, 46, 347-371.	1.3	11
416	Improving the computation efficiency of polygenic risk score modeling: faster in Julia. <i>Life Science Alliance</i> , 2022, 5, e202201382.	2.8	0
417	A Principal Component Informed Approach to Address Polygenic Risk Score Transferability Across European Cohorts. <i>Frontiers in Genetics</i> , 0, 13, .	2.3	3
420	Cost-Effectiveness of Polygenic Risk Scores to Guide Statin Therapy for Cardiovascular Disease Prevention. <i>Circulation Genomic and Precision Medicine</i> , 2022, 15, .	3.6	12
421	Eco-friendly management of citrus nematode ( <i>Tylenchulus semipenetrans</i> ) using ozone, copper sulphate and calcium sulphate and its impact on productivity of lemon trees. <i>Horticulture Environment and Biotechnology</i> , 2022, 63, 779-792.	2.1	1
422	Longitudinally stable, brain-based predictive models mediate the relationships between childhood cognition and socio-demographic, psychological and genetic factors. <i>Human Brain Mapping</i> , 2022, 43, 5520-5542.	3.6	6
423	Statistical learning for sparser fine-mapped polygenic models: The prediction of LDL cholesterol. <i>Genetic Epidemiology</i> , 2022, 46, 589-603.	1.3	4
424	The genetic backbone of ankylosing spondylitis: how knowledge of genetic susceptibility informs our understanding and management of disease. <i>Rheumatology International</i> , 2022, 42, 2085-2095.	3.0	6
425	Special Issue editorial: Leveraging genetically informative study designs to understand the development and familial transmission of psychopathology. <i>Development and Psychopathology</i> , 2022, 34, 1645-1652.	2.3	3
426	Multi-ancestry fine-mapping improves precision to identify causal genes in transcriptome-wide association studies. <i>American Journal of Human Genetics</i> , 2022, 109, 1388-1404.	6.2	18
427	Non-linear machine learning models incorporating SNPs and PRS improve polygenic prediction in diverse human populations. <i>Communications Biology</i> , 2022, 5, .	4.4	25
428	The Role of Polygenic Susceptibility on Air Pollution-Associated Asthma between German and Japanese Elderly Women. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 9869.	2.6	0
429	Pan-African genome demonstrates how population-specific genome graphs improve high-throughput sequencing data analysis. <i>Nature Communications</i> , 2022, 13, .	12.8	5
431	Concerns about the use of polygenic embryo screening for psychiatric and cognitive traits. <i>Lancet Psychiatry</i> , 2022, 9, 838-844.	7.4	12
432	Life-Course Associations between Blood Pressure-Related Polygenic Risk Scores and Hypertension in the Bogalusa Heart Study. <i>Genes</i> , 2022, 13, 1473.	2.4	3

#	ARTICLE	IF	CITATIONS
433	Polygenic Risk, Midlife Life's Simple 7, and Lifetime Risk of Stroke. <i>Journal of the American Heart Association</i> , 2022, 11, .	3.7	4
434	A Guide for Understanding and Designing Mendelian Randomization Studies in the Musculoskeletal Field. <i>JBMR Plus</i> , 2022, 6, .	2.7	3
435	Methylation risk scores are associated with a collection of phenotypes within electronic health record systems. <i>Npj Genomic Medicine</i> , 2022, 7, .	3.8	19
436	Transferability of genetic loci and polygenic scores for cardiometabolic traits in British Pakistani and Bangladeshi individuals. <i>Nature Communications</i> , 2022, 13, .	12.8	29
437	The weight of childhood adversity: evidence that childhood adversity moderates the impact of genetic risk on waist circumference in adulthood. <i>International Journal of Obesity</i> , 0, , .	3.4	1
438	A reusable benchmark of brain-age prediction from M/EEG resting-state signals. <i>NeuroImage</i> , 2022, 262, 119521.	4.2	20
439	Educational considerations based on medical student use of polygenic risk information and apparent race in a simulated consultation. <i>Genetics in Medicine</i> , 2022, , .	2.4	0
440	Generalization of cortical MOSTest genome-wide associations within and across samples. <i>NeuroImage</i> , 2022, 263, 119632.	4.2	10
441	A Systematic Review of Polygenic Models for Predicting Drug Outcomes. <i>Journal of Personalized Medicine</i> , 2022, 12, 1394.	2.5	4
442	The Polygenic Risk Score Knowledge Base offers a centralized online repository for calculating and contextualizing polygenic risk scores. <i>Communications Biology</i> , 2022, 5, .	4.4	7
444	The SCRIPT trial: study protocol for a randomised controlled trial of a polygenic risk score to tailor colorectal cancer screening in primary care. <i>Trials</i> , 2022, 23, .	1.6	4
445	Interpreting the spectrum of gamma-secretase complex missense variation in the context of hidradenitis suppurativa—An in-silico study. <i>Frontiers in Genetics</i> , 0, 13, .	2.3	9
447	Towards a global view of multiple sclerosis genetics. <i>Nature Reviews Neurology</i> , 2022, 18, 613-623.	10.1	9
448	Paternal Incarceration, Polygenic Scores, and Children's Educational Attainment. <i>Journal of Developmental and Life-Course Criminology</i> , 0, , .	1.2	0
449	Social and scientific motivations to move beyond groups in allele frequencies: The TOPMed experience. <i>American Journal of Human Genetics</i> , 2022, 109, 1582-1590.	6.2	1
450	Using a Polygenic Score to Predict the Risk of Developing Primary Osteoporosis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10021.	4.1	3
451	Development and validation of a polygenic hazard score to predict prognosis and adjuvant chemotherapy benefit in early-stage non-small cell lung cancer. <i>Translational Lung Cancer Research</i> , 2022, 11, 1809-1822.	2.8	0
452	A qualitative study exploring the consumer experience of receiving self-initiated polygenic risk scores from a third-party website. <i>European Journal of Human Genetics</i> , 2023, 31, 424-429.	2.8	2

#	ARTICLE	IF	CITATIONS
453	Clinical, environmental, and genetic risk factors for substance use disorders: characterizing combined effects across multiple cohorts. <i>Molecular Psychiatry</i> , 2022, 27, 4633-4641.	7.9	7
454	ExPRSweb: An online repository with polygenic risk scores for common health-related exposures. <i>American Journal of Human Genetics</i> , 2022, 109, 1742-1760.	6.2	9
455	Dissecting Polygenic Etiology of Ischemic Stroke in the Era of Precision Medicine. <i>Journal of Clinical Medicine</i> , 2022, 11, 5980.	2.4	1
457	Proteome-wide Mendelian randomization in global biobank meta-analysis reveals multi-ancestry drug targets for common diseases. <i>Cell Genomics</i> , 2022, 2, 100195.	6.5	8
460	A saturated map of common genetic variants associated with human height. <i>Nature</i> , 2022, 610, 704-712.	27.8	205
461	Polygenic risk of any, metastatic, and fatal prostate cancer in the Million Veteran Program. <i>Journal of the National Cancer Institute</i> , 2023, 115, 190-199.	6.3	11
462	A Prism Vote method for individualized risk prediction of traits in genotype data of Multi-population. <i>PLoS Genetics</i> , 2022, 18, e1010443.	3.5	0
463	Constructing an atlas of associations between polygenic scores from across the human phenome and circulating metabolic biomarkers. <i>ELife</i> , 0, 11, .	6.0	10
464	Local Ancestry-Informed Candidate Pathway Analysis of Warfarin Stable Dose in Latino Populations. <i>Clinical Pharmacology and Therapeutics</i> , 2023, 113, 680-691.	4.7	0
465	Assessing polygenic risk score models for applications in populations with under-represented genomics data: an example of Vietnam. <i>Briefings in Bioinformatics</i> , 0, , .	6.5	0
466	The construction of cross-population polygenic risk scores using transfer learning. <i>American Journal of Human Genetics</i> , 2022, 109, 1998-2008.	6.2	21
467	The Importance of Genomics Diversity in Research. <i>Journal of Student Research</i> , 2022, 11, .	0.1	0
468	Transfer Learning in Genome-Wide Association Studies with Knockoffs. <i>Sankhya B</i> , 0, , .	0.9	2
469	Polygenic risk score improves the accuracy of a clinical risk score for coronary artery disease. <i>BMC Medicine</i> , 2022, 20, .	5.5	3
470	Epidemiological characteristics and genetic alterations in adult diffuse glioma in East Asian populations. <i>Cancer Biology and Medicine</i> , 2022, 19, 1440-1459.	3.0	3
471	Polygenic risk scores: An overview from bench to bedside for personalised medicine. <i>Frontiers in Genetics</i> , 0, 13, .	2.3	17
472	Genetic investigation of the contribution of body composition to anorexia nervosa in an electronic health record setting. <i>Translational Psychiatry</i> , 2022, 12, .	4.8	0
473	COMMUTE: Communication-efficient transfer learning for multi-site risk prediction. <i>Journal of Biomedical Informatics</i> , 2023, 137, 104243.	4.3	2

#	ARTICLE	IF	CITATIONS
474	Polygenic indices for cognition in healthy aging; the role of brain measures. <i>NeuroImage Reports</i> , 2023, 3, 100153.	1.0	1
475	SDPRX: A statistical method for cross-population prediction of complex traits. <i>American Journal of Human Genetics</i> , 2023, 110, 13-22.	6.2	9
477	Association of maternal polygenic risk scores for mental illness with perinatal risk factors for offspring mental illness. <i>Science Advances</i> , 2022, 8, .	10.3	2
478	Discovery and systematic characterization of risk variants and genes for coronary artery disease in over a million participants. <i>Nature Genetics</i> , 2022, 54, 1803-1815.	21.4	150
479	Amyloid- $\beta^2$ and APOE genotype predict memory decline in cognitively unimpaired older individuals independently of Alzheimer's disease polygenic risk score. <i>BMC Neurology</i> , 2022, 22, .	1.8	1
480	Ethical, legal, and social implications of genetic risk prediction for multifactorial disease: a narrative review identifying concerns about interpretation and use of polygenic scores. <i>Journal of Community Genetics</i> , 2023, 14, 441-452.	1.2	5
482	Using Recurrent Neural Networks for Predicting Type-2 Diabetes from Genomic and Tabular Data. <i>Diagnostics</i> , 2022, 12, 3067.	2.6	26
483	Transferability of Alzheimer Disease Polygenic Risk Score Across Populations and Its Association With Alzheimer Disease-Related Phenotypes. <i>JAMA Network Open</i> , 2022, 5, e2247162.	5.9	15
484	A genetically informed Registered Report on adverse childhood experiences and mental health. <i>Nature Human Behaviour</i> , 2023, 7, 269-290.	12.0	18
485	A Polygenic Risk Score Enhances Risk Prediction for Adolescents' Antisocial Behavior over the Combined Effect of 22 Extra-familial, Familial, and Individual Risk Factors in the Context of the Family Check-Up. <i>Prevention Science</i> , 2023, 24, 739-751.	2.6	2
486	Genetic risk of AUDs and childhood impulsivity: Examining the role of parenting and family environment. <i>Development and Psychopathology</i> , 2022, 34, 1827-1840.	2.3	3
487	The immunogenetics of tuberculosis (TB) susceptibility. <i>Immunogenetics</i> , 0, , .	2.4	3
488	Genetic Risk Prediction for Prostate Cancer: Implications for Early Detection and Prevention. <i>European Urology</i> , 2023, 83, 241-248.	1.9	16
489	Global Biobank analyses provide lessons for developing polygenic risk scores across diverse cohorts. <i>Cell Genomics</i> , 2023, 3, 100241.	6.5	13
491	Transferability of the PRS estimates for height and BMI obtained from the European ethnic groups to the Western Russian populations. <i>Frontiers in Genetics</i> , 0, 14, .	2.3	3
492	Youth Polygenic Scores, Youth ADHD Symptoms, and Parenting Dimensions: An Evocative Gene-Environment Correlation Study. <i>Research on Child and Adolescent Psychopathology</i> , 2023, 51, 665-677.	2.3	2
493	Polygenic risk scores and breast cancer risk prediction. <i>Breast</i> , 2023, 67, 71-77.	2.2	8
494	The clinical utility of polygenic risk scores for combined hyperlipidemia. <i>Current Opinion in Lipidology</i> , 2023, 34, 44-51.	2.7	0



#	ARTICLE	IF	CITATIONS
496	Diversity in Polygenic Risk of Primary Open-Angle Glaucoma. <i>Genes</i> , 2023, 14, 111.	2.4	5
497	Portability of Polygenic Risk Scores for Sleep Duration, Insomnia and Chronotype in 33,493 Individuals. <i>Clocks &amp; Sleep</i> , 2023, 5, 10-20.	2.0	2
500	Polygenic scores for psychiatric disorders in a diverse postmortem brain tissue cohort. <i>Neuropsychopharmacology</i> , 2023, 48, 764-772.	5.4	1
501	Risk assessment for colorectal cancer via polygenic risk score and lifestyle exposure: a large-scale association study of East Asian and European populations. <i>Genome Medicine</i> , 2023, 15, .	8.2	10
502	Exploring the genetics of rhythmic perception and musical engagement in the Vanderbilt Online Musicality Study. <i>Annals of the New York Academy of Sciences</i> , 2023, 1521, 140-154.	3.8	7
503	Polygenic Risk for Schizophrenia, Major Depression, and Post-traumatic Stress Disorder and Hippocampal Subregion Volumes in Middle Childhood. <i>Behavior Genetics</i> , 2023, 53, 279-291.	2.1	2
505	Current State and Future of Polygenic Risk Scores in Cardiometabolic Disease: A Scoping Review. <i>Circulation Genomic and Precision Medicine</i> , 2023, 16, 286-313.	3.6	8
508	Quantifying portable genetic effects and improving cross-ancestry genetic prediction with GWAS summary statistics. <i>Nature Communications</i> , 2023, 14, .	12.8	13
509	mTOR pathway candidate genes and obesity interaction on breast cancer risk in black women from the Women's Circle of Health Study. <i>Cancer Causes and Control</i> , 2023, 34, 431-447.	1.8	2
511	Polygenic risk score prediction of multiple sclerosis in individuals of South Asian ancestry. <i>Brain Communications</i> , 2023, 5, .	3.3	4
513	Inference of Causal Relationships Between Genetic Risk Factors for Cardiometabolic Phenotypes and Female-Specific Health Conditions. <i>Journal of the American Heart Association</i> , 2023, 12, .	3.7	5
514	Psychotic disorders as a framework for precision psychiatry. <i>Nature Reviews Neurology</i> , 0, , .	10.1	3
519	Statistical Methods for Disease Risk Prediction with Genotype Data. <i>Methods in Molecular Biology</i> , 2023, , 331-347.	0.9	0
524	Laboratory perspectives in the development of polygenic risk scores for disease: A points to consider statement of the American College of Medical Genetics and Genomics (ACMG). <i>Genetics in Medicine</i> , 2023, 25, 100804.	2.4	7
525	A global view of the genetic basis of Alzheimer disease. <i>Nature Reviews Neurology</i> , 2023, 19, 261-277.	10.1	19
526	A simulation study for multifactorial genetic disorders to quantify the impact of polygenic risk scores on critical illness insurance. <i>European Actuarial Journal</i> , 0, , .	1.1	2
527	Polygenic Risk Score in African populations: progress and challenges. <i>F1000Research</i> , 0, 11, 175.	1.6	2
529	Wrestling with Social and Behavioral Genomics: Risks, Potential Benefits, and Ethical Responsibility. <i>Hastings Center Report</i> , 2023, 53, .	1.0	9



#	ARTICLE	IF	CITATIONS
530	Genomics in reproductive medicine: Current and future applications. , 2023, , 695-719.		0
531	Addressing the Challenge of Biomedical Data Inequality: An Artificial Intelligence Perspective. Annual Review of Biomedical Data Science, 2023, 6, .	6.5	3
533	Examining associations between genetic and neural risk for externalizing behaviors in adolescence and early adulthood. Psychological Medicine, 2024, 54, 267-277.	4.5	1
534	ABCD Behavior Genetics: Twin, Family, and Genomic Studies Using the Adolescent Brain Cognitive Development (ABCD) Study Dataset. Behavior Genetics, 2023, 53, 155-158.	2.1	1
535	Investigation of heteroscedasticity in polygenic risk scores across 15 quantitative traits. Frontiers in Genetics, 0, 14, .	2.3	0
536	Coronary Artery Calcium Score and Polygenic Risk Score for the Prediction of Coronary Heart Disease Events. JAMA - Journal of the American Medical Association, 2023, 329, 1768.	7.4	18
537	Genetic Determinants of the Acute Respiratory Distress Syndrome. Journal of Clinical Medicine, 2023, 12, 3713.	2.4	1
538	Evaluating the use of blood pressure polygenic risk scores across race/ethnic background groups. Nature Communications, 2023, 14, .	12.8	3
541	Genetics and Family History of Alcohol Use Disorders. Neuromethods, 2023, , 1-15.	0.3	0
542	Evaluating significance of European-associated index SNPs in the East Asian population for 31 complex phenotypes. BMC Genomics, 2023, 24, .	2.8	3
543	Bridging the diversity gap: Analytical and study design considerations for improving the accuracy of trans-ancestry genetic prediction. Human Genetics and Genomics Advances, 2023, 4, 100214.	1.7	0
544	Cross-ancestry genome-wide association meta-analyses of hippocampal and subfield volumes. Nature Genetics, 2023, 55, 1126-1137.	21.4	1
546	Human height: a model common complex trait. Annals of Human Biology, 2023, 50, 258-266.	1.0	5
547	Associations between polygenic risk score and covid-19 susceptibility and severity across ethnic groups: UK Biobank analysis. BMC Medical Genomics, 2023, 16, .	1.5	1
548	Genetic associations with parental investment from conception to wealth inheritance in six cohorts. Nature Human Behaviour, 2023, 7, 1388-1401.	12.0	2
550	Identifying shared genetic architecture between rheumatoid arthritis and other conditions: a phenome-wide association study with genetic risk scores. EBioMedicine, 2023, 92, 104581.	6.1	5
551	Clinical utility of polygenic risk scores: a critical 2023 appraisal. Journal of Community Genetics, 2023, 14, 471-487.	1.2	10
552	Intelligence Polygenic Score Is More Predictive of Crystallized Measures: Evidence From the Adolescent Brain Cognitive Development (ABCD) Study. Psychological Science, 2023, 34, 714-725.	3.3	2

#	ARTICLE	IF	CITATIONS
553	How do experts in psychiatric genetics view the clinical utility of polygenic risk scores for schizophrenia?. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 0, , .	1.7	1
554	Sex differences in the polygenic architecture of hearing problems in adults. Genome Medicine, 2023, 15, .	8.2	3
555	Implementing Reporting Standards for Polygenic Risk Scores for Atherosclerotic Cardiovascular Disease. Current Atherosclerosis Reports, 2023, 25, 323-330.	4.8	1
556	The impact of rare protein coding genetic variation on adult cognitive function. Nature Genetics, 2023, 55, 927-938.	21.4	9
558	Algorithmic fairness in artificial intelligence for medicine and healthcare. Nature Biomedical Engineering, 2023, 7, 719-742.	22.5	35
559	Association of Common Variants of APOE, CETP, and the 9p21.3 Chromosomal Region with the Risk of Myocardial Infarction: A Prospective Study. International Journal of Molecular Sciences, 2023, 24, 10908.	4.1	4
560	Optimal strategies for learning multi-ancestry polygenic scores vary across traits. Nature Communications, 2023, 14, .	12.8	1
561	The Co-design Process for Interactive Tools for Predicting Polygenic Risk Scores. Communications in Computer and Information Science, 2023, , 199-206.	0.5	0
562	Albuminuria-Related Genetic Biomarkers: Replication and Predictive Evaluation in Individuals with and without Diabetes from the UK Biobank. International Journal of Molecular Sciences, 2023, 24, 11209.	4.1	0
563	Gene“environment interactions and the case of body mass index and obesity: How much do they matter?. , 2023, 2, .		1
564	Assessing the performance of European-derived cardiometabolic polygenic risk scores in South-Asians and their interplay with family history. BMC Medical Genomics, 2023, 16, .	1.5	0
565	The complete and fully-phased diploid genome of a male Han Chinese. Cell Research, 2023, 33, 745-761.	12.0	8
566	Biobank-scale methods and projections for sparse polygenic prediction from machine learning. Scientific Reports, 2023, 13, .	3.3	0
567	Interaction of Mitochondrial Polygenic Score and Lifestyle Factors in <scp>LRRK2</scp> p.<scp>Gly2019Ser</scp> Parkinsonism. Movement Disorders, 2023, 38, 1837-1849.	3.9	1
571	Genetics of Alzheimer“s Disease in the African American Population. Journal of Clinical Medicine, 2023, 12, 5189.	2.4	1
573	Trans“ethnic polygenic risk scores for body mass index. Clinical and Translational Discovery, 2023, 3, .	0.5	0
575	Do Polygenic Risk Scores Add to Clinical Data in Predicting Pancreatic Cancer? A Scoping Review. Cancer Epidemiology Biomarkers and Prevention, 2023, 32, 1490-1497.	2.5	0
576	Neurogenetic mechanisms of risk for ADHD: Examining associations of polygenic scores and brain volumes in a population cohort. Journal of Neurodevelopmental Disorders, 2023, 15, .	3.1	1

#	ARTICLE	IF	CITATIONS
577	Assessing efficiency of fine-mapping obesity-associated variants through leveraging ancestry architecture and functional annotation using PAGE and UKBB cohorts. <i>Human Genetics</i> , 2023, 142, 1477-1489.	3.8	0
578	Characterizing the polygenic architecture of complex traits in populations of East Asian and European descent. <i>Human Genomics</i> , 2023, 17, .	2.9	0
579	A new method for multiancestry polygenic prediction improves performance across diverse populations. <i>Nature Genetics</i> , 2023, 55, 1757-1768.	21.4	4
580	Interplay of Mendelian and polygenic risk factors in Arab breast cancer patients. <i>Genome Medicine</i> , 2023, 15, .	8.2	1
581	Polygenic scores in cancer. <i>Nature Reviews Cancer</i> , 2023, 23, 619-630.	28.4	7
582	Principles and methods for transferring polygenic risk scores across global populations. <i>Nature Reviews Genetics</i> , 2024, 25, 8-25.	16.3	20
583	Overestimated prediction using polygenic prediction derived from summary statistics. <i>BMC Genomic Data</i> , 2023, 24, .	1.7	0
585	Founder population-specific weights yield improvements in performance of polygenic risk scores for Alzheimer disease in the Midwestern Amish. <i>Human Genetics and Genomics Advances</i> , 2023, 4, 100241.	1.7	0
586	DNA methylation at quantitative trait loci (mQTLs) varies with cell type and nonheritable factors and may improve breast cancer risk assessment. <i>Npj Precision Oncology</i> , 2023, 7, .	5.4	0
587	Multi-PGS enhances polygenic prediction by combining 937 polygenic scores. <i>Nature Communications</i> , 2023, 14, .	12.8	5
588	Genetics-based risk scores for prediction of premature coronary artery disease. <i>Indian Heart Journal</i> , 2023, 75, 327-334.	0.5	2
589	Gene-respiratory disease interactions for rheumatoid arthritis risk. <i>Seminars in Arthritis and Rheumatism</i> , 2023, 63, 152254.	3.4	0
590	Ethnic differences of genetic risk and smoking in lung cancer: two prospective cohort studies. <i>International Journal of Epidemiology</i> , 2023, 52, 1815-1825.	1.9	1
592	Tackling the lack of diversity in cancer research. <i>DMM Disease Models and Mechanisms</i> , 2023, 16, .	2.4	1
593	Scalable genomic data exchange and analytics with sBeacon. <i>Nature Biotechnology</i> , 0, , .	17.5	0
594	Alcohol use polygenic risk score, social support, and alcohol use among European American and African American adults. <i>Development and Psychopathology</i> , 0, , 1-13.	2.3	1
595	Combining Asian and European genome-wide association studies of colorectal cancer improves risk prediction across racial and ethnic populations. <i>Nature Communications</i> , 2023, 14, .	12.8	0
596	Alcohol Use Disorder Polygenic Risk Scores and Trajectories of Early Adolescent Externalizing Behaviors: Examining the Role of Parenting and Family Conflict in the Racially/Ethnically Diverse ABCD Sample. <i>Behavior Genetics</i> , 0, , .	2.1	1

#	ARTICLE	IF	CITATIONS
597	Considerations, Caveats, and Suggestions for the Use of Polygenic Scores for Social and Behavioral Traits. Behavior Genetics, 0, , .	2.1	0
602	Interactions between genetic risk for 21 neurodevelopmental and psychiatric disorders and sport activity on youth mental health. Psychiatry Research, 2023, 330, 115550.	3.3	0
603	The Genetics of Alcohol-Related Liver Disease. , 2023, , 975-996.		0
606	Personalized Initial Screening Age for Colorectal Cancer in Individuals at Average Risk. JAMA Network Open, 2023, 6, e2339670.	5.9	0
607	A Systematic Review and Critical Assessment of Breast Cancer Risk Prediction Tools Incorporating a Polygenic Risk Score for the General Population. Cancers, 2023, 15, 5380.	3.7	1
608	Evaluation of optimal methods and ancestries for calculating polygenic risk scores in East Asian population. Scientific Reports, 2023, 13, .	3.3	2
609	Can polygenic risk scores help explain disease prevalence differences around the world? A worldwide investigation. BMC Genomic Data, 2023, 24, .	1.7	0
610	The GenoVA study: Equitable implementation of a pragmatic randomized trial of polygenic-risk scoring in primary care. American Journal of Human Genetics, 2023, 110, 1841-1852.	6.2	1
611	PGS-Depot: a comprehensive resource for polygenic scoresÂconstructed by summary statistics based methods. Nucleic Acids Research, 0, , .	14.5	0
614	Trans-ancestry polygenic models for the prediction of LDL blood levels: an analysis of the United Kingdom Biobank and Taiwan Biobank. Frontiers in Genetics, 0, 14, .	2.3	0
615	Ancestry, race and ethnicity: the role and relevance of language in clinical genetics practice. Journal of Medical Genetics, 0, , jmg-2023-109370.	3.2	0
616	Prediction of Parkinsonâ€™s Disease Using Machine Learning Methods. Biomolecules, 2023, 13, 1761.	4.0	0
617	The BrainLat project, a multimodal neuroimaging dataset of neurodegeneration from underrepresented backgrounds. Scientific Data, 2023, 10, .	5.3	0
618	Genetics in Ischemic Stroke: Current Perspectives and Future Directions. Journal of Cardiovascular Development and Disease, 2023, 10, 495.	1.6	0
621	Validation of genetic risk scores for type 2 diabetes on a Russian population sample from the biobank of the National Medical Research Center for Therapy and Preventive Medicine. Cardiovascular Therapy and Prevention (Russian Federation), 2023, 22, 3746.	1.4	0
622	BridgePRS leverages shared genetic effects across ancestries to increase polygenic risk score portability. Nature Genetics, 0, , .	21.4	0
623	A rapid and reference-free imputation method for low-cost genotyping platforms. Scientific Reports, 2023, 13, .	3.3	0
625	Genome-wide association studies and polygenic risk score phenome-wide association studies across complex phenotypes in the human phenotype project. Med, 2023, , .	4.4	0

#	ARTICLE	IF	CITATIONS
627	Applying polygenic risk score methods to pharmacogenomics GWAS: challenges and opportunities. Briefings in Bioinformatics, 2023, 25, .	6.5	0
628	Validity of European-centric cardiometabolic polygenic scores in multi-ancestry populations. European Journal of Human Genetics, 0, , .	2.8	0
629	Prospective study design and data analysis in UK Biobank. Science Translational Medicine, 2024, 16, .	12.4	1
630	Validation of genetic risk scores for obesity on a sample of the population of Russian regions. Cardiovascular Therapy and Prevention (Russian Federation), 2023, 22, 3755.	1.4	0
631	Iron and risk of dementia: Mendelian randomisation analysis in UK Biobank. Journal of Medical Genetics, 0, , jmg-2023-109295.	3.2	0
632	Rigor and reproducibility in genetic research and the effects on scientific reporting and public discourse. , 2024, , 3-22.		0
633	Association between a polygenic lipodystrophy genetic risk score and diabetes risk in the high prevalence Maltese population. Acta Diabetologica, 2024, 61, 555-564.	2.5	0
635	Cross-population applications of genomics to understand the risk of multifactorial traits involving inflammation and immunity. , 2024, 2, .		0
636	Gut microbial diversity moderates polygenic risk of schizophrenia. Frontiers in Psychiatry, 0, 15, .	2.6	0
637	Examining interactions between polygenic scores and interpersonal trauma exposure on alcohol consumption and use disorder in an ancestrally diverse college cohort. Frontiers in Genetics, 0, 14, .	2.3	0
639	The Inclusion of Underrepresented Populations in Cardiovascular Genetics and Epidemiology. Journal of Cardiovascular Development and Disease, 2024, 11, 56.	1.6	0
642	Strategic design of a rare trigonal symmetric luminescent covalent organic framework by linker modification. Journal of Chemical Physics, 2024, 160, .	3.0	0
645	Selection, optimization and validation of ten chronic disease polygenic risk scores for clinical implementation in diverse US populations. Nature Medicine, 2024, 30, 480-487.	30.7	0
646	Recent advances in polygenic scores: translation, equitability, methods and FAIR tools. Genome Medicine, 2024, 16, .	8.2	0
647	Novel ancestry-specific primary open-angle glaucoma loci and shared biology with vascular mechanisms and cell proliferation. Cell Reports Medicine, 2024, 5, 101430.	6.5	0
648	Polygenic risk for major depression, attention deficit hyperactivity disorder, neuroticism, and schizophrenia are correlated with experience of intimate partner violence. Translational Psychiatry, 2024, 14, .	4.8	0
651	DeepRisk: A deep learning approach for genome-wide assessment of common disease risk. Fundamental Research, 2024, , .	3.3	0
652	Childhood maltreatment and health in the UK Biobank: triangulation of outcome-wide and polygenic risk score analyses. BMC Medicine, 2024, 22, .	5.5	0

#	ARTICLE	IF	CITATIONS
653	Relation between Polygenic Risk Score, Vitamin D Status and BMI-for-Age z Score in Chinese Preschool Children. <i>Nutrients</i> , 2024, 16, 792.	4.1	0
654	Polygenic Risk Scores for Glaucoma Onset in the Ocular Hypertension Treatment Study. <i>JAMA Ophthalmology</i> , 2024, 142, 356.	2.5	0
655	Correlates of suicidal behaviors and genetic risk among United States veterans with schizophrenia or bipolar I disorder. <i>Molecular Psychiatry</i> , 0, , .	7.9	0
656	Patient interest in and clinician reservations on polygenic embryo screening: a qualitative study of stakeholder perspectives. <i>Journal of Assisted Reproduction and Genetics</i> , 0, , .	2.5	0