Stuart MacGregor

List of Publications by Citations

263 papers	17,754 citations	63 h-index	129 g-index
317 ext. papers	21,159 ext. citations	9.7 avg, IF	6.42 L-index

#	Paper	IF	Citations
263	Common polygenic variation contributes to risk of schizophrenia and bipolar disorder. *Nature*, **2009**, 460, 748-52	50.4	3568
262	Rare chromosomal deletions and duplications increase risk of schizophrenia. *Nature*, **2008**, 455, 237-41	50.4	1251
261	A versatile gene-based test for genome-wide association studies. *American Journal of Human Genetics*, **2010**, 87, 139-45	11	648
260	Genome scan meta-analysis of schizophrenia and bipolar disorder, part III: Bipolar disorder. *American Journal of Human Genetics*, **2003**, 73, 49-62	11	353
259	Genome-wide association study of major depressive disorder: new results, meta-analysis, and lessons learned. *Molecular Psychiatry*, **2012**, 17, 36-48	15.1	335
258	A novel recurrent mutation in MITF predisposes to familial and sporadic melanoma. *Nature*, **2011**, 480, 99-103	50.4	335
257	Genome-wide association study identifies susceptibility loci for open angle glaucoma at TMCO1 and CDKN2B-AS1. *Nature Genetics*, **2011**, 43, 574-8	36.3	329
256	Genome-wide meta-analyses of multiancestry cohorts identify multiple new susceptibility loci for refractive error and myopia. *Nature Genetics*, **2013**, 45, 314-8	36.3	314
255	Common variants near CAV1 and CAV2 are associated with primary open-angle glaucoma. *Nature Genetics*, **2010**, 42, 906-9	36.3	303
254	GWAS of lifetime cannabis use reveals new risk loci, genetic overlap with psychiatric traits, and a causal influence of schizophrenia. *Nature Neuroscience*, **2018**, 21, 1161-1170	25.5	270
253	Genome-wide association study identifies a locus at 7p15.2 associated with endometriosis. *Nature Genetics*, **2011**, 43, 51-4	36.3	227
252	Genome-wide association analyses identify multiple loci associated with central corneal thickness and keratoconus. *Nature Genetics*, **2013**, 45, 155-63	36.3	222
251	Genome-wide association meta-analysis identifies new endometriosis risk loci. *Nature Genetics*, **2012**, 44, 1355-9	36.3	214
250	Operation of the schizophrenia susceptibility gene, neuregulin 1, across traditional diagnostic boundaries to increase risk for bipolar disorder. *Archives of General Psychiatry*, **2005**, 62, 642-8		209
249	Genome-wide association study identifies three new melanoma susceptibility loci. *Nature Genetics*, **2011**, 43, 1108-13	36.3	203
248	Common variants in the trichohyalin gene are associated with straight hair in Europeans. *American Journal of Human Genetics*, **2009**, 85, 750-5	11	200
247	VEGAS2: Software for More Flexible Gene-Based Testing. *Twin Research and Human Genetics*, **2015**, 18, 86-91	2.2	188

246	Common sequence variants on 20q11.22 confer melanoma susceptibility. *Nature Genetics*, **2008**, 40, 838-40	36.3	188
245	A genome-wide association study for myopia and refractive error identifies a susceptibility locus at 15q25. *Nature Genetics*, **2010**, 42, 902-5	36.3	179
244	Genome-wide analysis of multi-ancestry cohorts identifies new loci influencing intraocular pressure and susceptibility to glaucoma. *Nature Genetics*, **2014**, 46, 1126-1130	36.3	171
243	Genome-wide association study identifies novel loci predisposing to cutaneous melanoma. *Human Molecular Genetics*, **2011**, 20, 5012-23	5.6	164
242	Genome-wide meta-analysis identifies five new susceptibility loci for cutaneous malignant melanoma. *Nature Genetics*, **2015**, 47, 987-995	36.3	162
241	Genome-wide association analysis identifies TXNRD2, ATXN2 and FOXC1 as susceptibility loci for primary open-angle glaucoma. *Nature Genetics*, **2016**, 48, 189-94	36.3	159
240	Associations of ADH and ALDH2 gene variation with self report alcohol reactions, consumption and dependence: an integrated analysis. *Human Molecular Genetics*, **2009**, 18, 580-93	5.6	157
239	Meta-analysis identifies five novel loci associated with endometriosis highlighting key genes involved in hormone metabolism. *Nature Communications*, **2017**, 8, 15539	17.4	151
238	A genome-wide association study identifies new susceptibility loci for esophageal adenocarcinoma and Barrett's esophagus. *Nature Genetics*, **2013**, 45, 1487-93	36.3	151
237	Common variants near ABCA1, AFAP1 and GMDS confer risk of primary open-angle glaucoma. *Nature Genetics*, **2014**, 46, 1120-1125	36.3	141
236	Common variants at the MHC locus and at chromosome 16q24.1 predispose to Barrett's esophagus. *Nature Genetics*, **2012**, 44, 1131-6	36.3	139
235	Genome-wide association meta-analysis highlights light-induced signaling as a driver for refractive error. *Nature Genetics*, **2018**, 50, 834-848	36.3	135
234	Common genetic determinants of intraocular pressure and primary open-angle glaucoma. *PLoS Genetics*, **2012**, 8, e1002611	6	131
233	Genome-wide association study identifies a new melanoma susceptibility locus at 1q21.3. *Nature Genetics*, **2011**, 43, 1114-8	36.3	126
232	Variation at the DAOA/G30 locus influences susceptibility to major mood episodes but not psychosis in schizophrenia and bipolar disorder. *Archives of General Psychiatry*, **2006**, 63, 366-73		124
231	Genetic variation of brain-derived neurotrophic factor (BDNF) in bipolar disorder: case-control study of over 3000 individuals from the UK. *British Journal of Psychiatry*, **2006**, 188, 21-5	5.4	119
230	Genome-wide association identifies ATOH7 as a major gene determining human optic disc size. *Human Molecular Genetics*, **2010**, 19, 2716-24	5.6	118
229	Bias, precision and heritability of self-reported and clinically measured height in Australian twins. *Human Genetics*, **2006**, 120, 571-80	6.3	117

228	Nine loci for ocular axial length identified through genome-wide association studies, including shared loci with refractive error. *American Journal of Human Genetics*, **2013**, 93, 264-77	11	116
227	Four novel Loci (19q13, 6q24, 12q24, and 5q14) influence the microcirculation in vivo. *PLoS Genetics* , **2010**, 6, e1001184	6	111
226	Genome partitioning of genetic variation for height from 11,214 sibling pairs. *American Journal of Human Genetics*, **2007**, 81, 1104-10	11	110
225	Bipolar disorder and polymorphisms in the dysbindin gene (DTNBP1). *Biological Psychiatry*, **2005**, 57, 696-701	7.9	110
224	Common genetic variants near the Brittle Cornea Syndrome locus ZNF469 influence the blinding disease risk factor central corneal thickness. *PLoS Genetics*, **2010**, 6, e1000947	6	106
223	Obesity and risk of esophageal adenocarcinoma and Barrett's esophagus: a Mendelian randomization study. *Journal of the National Cancer Institute*, **2014**, 106,	9.7	105
222	Association of polymorphisms in the hepatocyte growth factor gene promoter with keratoconus **2011**, 52, 8514-9		101
221	Convergent evidence that oligodendrocyte lineage transcription factor 2 (OLIG2) and interacting genes influence susceptibility to schizophrenia. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 12469-74	11.5	101
220	The effect on melanoma risk of genes previously associated with telomere length. *Journal of the National Cancer Institute*, **2014**, 106,	9.7	97
219	A variant in FTO shows association with melanoma risk not due to BMI. *Nature Genetics*, **2013**, 45, 428-32, 432e1	36.3	95
218	Genome-wide association studies in oesophageal adenocarcinoma and Barrett's oesophagus: a large-scale meta-analysis. *Lancet Oncology, The*, **2016**, 17, 1363-1373	21.7	94
217	A genomewide association study of nicotine and alcohol dependence in Australian and Dutch populations. *Twin Research and Human Genetics*, **2010**, 13, 10-29	2.2	90
216	A genome scan and follow-up study identify a bipolar disorder susceptibility locus on chromosome 1q42. *Molecular Psychiatry*, **2004**, 9, 1083-90	15.1	90
215	Highly cost-efficient genome-wide association studies using DNA pools and dense SNP arrays. *Nucleic Acids Research*, **2008**, 36, e35	20.1	87
214	Genome-wide association study of intraocular pressure uncovers new pathways to glaucoma. *Nature Genetics*, **2018**, 50, 1067-1071	36.3	86
213	A common variant near TGFBR3 is associated with primary open angle glaucoma. *Human Molecular Genetics*, **2015**, 24, 3880-92	5.6	84
212	New insights into the genetics of primary open-angle glaucoma based on meta-analyses of intraocular pressure and optic disc characteristics. *Human Molecular Genetics*, **2017**, 26, 438-453	5.6	80
211	Meta-analysis of gene-environment-wide association scans accounting for education level identifies additional loci for refractive error. *Nature Communications*, **2016**, 7, 11008	17.4	79

210	ABCA transporter gene expression and poor outcome in epithelial ovarian cancer. *Journal of the National Cancer Institute*, **2014**, 106,	9.7	79
209	Multitrait analysis of glaucoma identifies new risk loci and enables polygenic prediction of disease susceptibility and progression. *Nature Genetics*, **2020**, 52, 160-166	36.3	78
208	Association of vitamin D levels and risk of ovarian cancer: a Mendelian randomization study. *International Journal of Epidemiology*, **2016**, 45, 1619-1630	7.8	77
207	Germline genetic contributions to risk for esophageal adenocarcinoma, Barrett's esophagus, and gastroesophageal reflux. *Journal of the National Cancer Institute*, **2013**, 105, 1711-8	9.7	75
206	Most common 'sporadic' cancers have a significant germline genetic component. *Human Molecular Genetics*, **2014**, 23, 6112-8	5.6	74
205	Genome-wide association study identifies seven novel susceptibility loci for primary open-angle glaucoma. *Human Molecular Genetics*, **2018**, 27, 1486-1496	5.6	72
204	Meta-analysis of genome-wide association studies identifies novel loci that influence cupping and the glaucomatous process. *Nature Communications*, **2014**, 5, 4883	17.4	71
203	No association between schizophrenia and polymorphisms in COMT in two large samples. *American Journal of Psychiatry*, **2005**, 162, 1736-8	11.9	70
202	Meta-analysis of 542,934 subjects of European ancestry identifies new genes and mechanisms predisposing to refractive error and myopia. *Nature Genetics*, **2020**, 52, 401-407	36.3	68
201	Melanoma genetics: recent findings take us beyond well-traveled pathways. *Journal of Investigative Dermatology*, **2012**, 132, 1763-74	4.3	65
200	ARHGEF12 influences the risk of glaucoma by increasing intraocular pressure. *Human Molecular Genetics*, **2015**, 24, 2689-99	5.6	62
199	Meta-analysis of Genome-Wide Association Studies Identifies Novel Loci Associated With Optic Disc Morphology. *Genetic Epidemiology*, **2015**, 39, 207-16	2.6	58
198	Genome-wide enrichment analysis between endometriosis and obesity-related traits reveals novel susceptibility loci. *Human Molecular Genetics*, **2015**, 24, 1185-99	5.6	57
197	Childhood gene-environment interactions and age-dependent effects of genetic variants associated with refractive error and myopia: The CREAM Consortium. *Scientific Reports*, **2016**, 6, 25853	4.9	57
196	Identification of myopia-associated WNT7B polymorphisms provides insights into the mechanism underlying the development of myopia. *Nature Communications*, **2015**, 6, 6689	17.4	56
195	Platinum sensitivity-related germline polymorphism discovered via a cell-based approach and analysis of its association with outcome in ovarian cancer patients. *Clinical Cancer Research*, **2011**, 17, 5490-500	12.9	55
194	Hormonal responses differ when playing violent video games against an ingroup and outgroup. *Evolution and Human Behavior*, **2010**, 31, 201-209	4	53
193	WNT10A exonic variant increases the risk of keratoconus by decreasing corneal thickness. *Human Molecular Genetics*, **2015**, 24, 5060-8	5.6	50

192	Association between endometriosis and the interleukin 1A (IL1A) locus. *Human Reproduction*, **2015**, 30, 239-48	5.7	49
191	Shared genetics underlying epidemiological association between endometriosis and ovarian cancer. *Human Molecular Genetics*, **2015**, 24, 5955-64	5.6	48
190	Evaluating the association between keratoconus and the corneal thickness genes in an independent Australian population **2013**, 54, 8224-8		48
189	Analysis of pooled DNA samples on high density arrays without prior knowledge of differential hybridization rates. *Nucleic Acids Research*, **2006**, 34, e55	20.1	48
188	GWAS findings for human iris patterns: associations with variants in genes that influence normal neuronal pattern development. *American Journal of Human Genetics*, **2011**, 89, 334-43	11	47
187	P2RX7: A bipolar and unipolar disorder candidate susceptibility gene?. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2009**, 150B, 1063-9	3.5	47
186	Genome-wide meta-analysis identifies 127 open-angle glaucoma loci with consistent effect across ancestries. *Nature Communications*, **2021**, 12, 1258	17.4	47
185	Novel pleiotropic risk loci for melanoma and nevus density implicate multiple biological pathways. *Nature Communications*, **2018**, 9, 4774	17.4	47
184	The role of KRAS rs61764370 in invasive epithelial ovarian cancer: implications for clinical testing. *Clinical Cancer Research*, **2011**, 17, 3742-50	12.9	45
183	Most pooling variation in array-based DNA pooling is attributable to array error rather than pool construction error. *European Journal of Human Genetics*, **2007**, 15, 501-4	5.3	45
182	The role of GABRA2 in alcohol dependence, smoking, and illicit drug use in an Australian population sample. *Alcoholism: Clinical and Experimental Research*, **2008**, 32, 1721-31	3.7	44
181	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. *Nature Genetics*, **2019**, 51, 452-469	36.3	44
180	Evaluation of candidate stromal epithelial cross-talk genes identifies association between risk of serous ovarian cancer and TERT, a cancer susceptibility "hot-spot". *PLoS Genetics*, **2010**, 6, e1001016	6	42
179	Functional polymorphisms in the TERT promoter are associated with risk of serous epithelial ovarian and breast cancers. *PLoS ONE*, **2011**, 6, e24987	3.7	41
178	Genetic overlap between endometriosis and endometrial cancer: evidence from cross-disease genetic correlation and GWAS meta-analyses. *Cancer Medicine*, **2018**, 7, 1978-1987	4.8	40
177	Genome-wide association meta-analyses combining multiple risk phenotypes provide insights into the genetic architecture of cutaneous melanoma susceptibility. *Nature Genetics*, **2020**, 52, 494-504	36.3	39
176	ABCB1 (MDR1) polymorphisms and ovarian cancer progression and survival: a comprehensive analysis from the Ovarian Cancer Association Consortium and The Cancer Genome Atlas. *Gynecologic Oncology*, **2013**, 131, 8-14	4.9	39
175	Assessing the Genetic Predisposition of Education on Myopia: A Mendelian Randomization Study. *Genetic Epidemiology*, **2016**, 40, 66-72	2.6	39

174	Identification of a melanoma susceptibility locus and somatic mutation in TET2. *Carcinogenesis*, **2014**, 35, 2097-101	4.6	38
173	Meta-analysis combining new and existing data sets confirms that the TERT-CLPTM1L locus influences melanoma risk. *Journal of Investigative Dermatology*, **2012**, 132, 485-7	4.3	38
172	Cross-ancestry genome-wide association analysis of corneal thickness strengthens link between complex and Mendelian eye diseases. *Nature Communications*, **2018**, 9, 1864	17.4	37
171	Assessing the Incremental Contribution of Common Genomic Variants to Melanoma Risk Prediction in Two Population-Based Studies. *Journal of Investigative Dermatology*, **2018**, 138, 2617-2624	4.3	36
170	A common intronic variant of PARP1 confers melanoma risk and mediates melanocyte growth via regulation of MITF. *Nature Genetics*, **2017**, 49, 1326-1335	36.3	36
169	Association Between Population Density and Genetic Risk for Schizophrenia. *JAMA Psychiatry*, **2018**, 75, 901-910	14.5	35
168	Rapid inexpensive genome-wide association using pooled whole blood. *Genome Research*, **2009**, 19, 2075-80	9.7	35
167	Genetically low vitamin D concentrations and myopic refractive error: a Mendelian randomization study. *International Journal of Epidemiology*, **2017**, 46, 1882-1890	7.8	34
166	Evidence of causal effect of major depression on alcohol dependence: findings from the psychiatric genomics consortium. *Psychological Medicine*, **2019**, 49, 1218-1226	6.9	33
165	Retinal microvessels reflect familial vulnerability to psychotic symptoms: A comparison of twins discordant for psychotic symptoms and controls. *Schizophrenia Research*, **2015**, 164, 47-52	3.6	33
164	A 3p26-3p25 genetic linkage finding for DSM-IV major depression in heavy smoking families. *American Journal of Psychiatry*, **2011**, 168, 848-52	11.9	33
163	Cell-type-specific eQTL of primary melanocytes facilitates identification of melanoma susceptibility genes. *Genome Research*, **2018**, 28, 1621-1635	9.7	33
162	Assessment of polygenic architecture and risk prediction based on common variants across fourteen cancers. *Nature Communications*, **2020**, 11, 3353	17.4	32
161	Vitamin D and overall cancer risk and cancer mortality: a Mendelian randomization study. *Human Molecular Genetics*, **2018**, 27, 4315-4322	5.6	32
160	A genome-wide association study of intra-ocular pressure suggests a novel association in the gene FAM125B in the TwinsUK cohort. *Human Molecular Genetics*, **2014**, 23, 3343-8	5.6	32
159	Genetic variants near PDGFRA are associated with corneal curvature in Australians **2012**, 53, 7131-6		31
158	A single nucleotide polymorphism in CHAT influences response to acetylcholinesterase inhibitors in Alzheimer's disease. *Pharmacogenetics and Genomics*, **2006**, 16, 75-7	1.9	31
157	Genome-Wide Association Shows that Pigmentation Genes Play a Role in Skin Aging. *Journal of Investigative Dermatology*, **2017**, 137, 1887-1894	4.3	30

156	A simple and fast two-locus quality control test to detect false positives due to batch effects in genome-wide association studies. *Genetic Epidemiology*, **2010**, 34, 854-62	2.6	30
155	New insight into human sweet taste: a genome-wide association study of the perception and intake of sweet substances. *American Journal of Clinical Nutrition*, **2019**, 109, 1724-1737	7	29
154	Longitudinal data analysis in pedigree studies. *Genetic Epidemiology*, **2003**, 25 Suppl 1, S18-28	2.6	29
153	Potential influence of socioeconomic status on genetic correlations between alcohol consumption measures and mental health. *Psychological Medicine*, **2020**, 50, 484-498	6.9	29
152	A genome-wide analysis of 'Bounty' descendants implicates several novel variants in migraine susceptibility. *Neurogenetics*, **2012**, 13, 261-6	3	28
151	Height and overall cancer risk and mortality: evidence from a Mendelian randomisation study on 310,000 UK Biobank participants. *British Journal of Cancer*, **2018**, 118, 1262-1267	8.7	27
150	Chronic gastroesophageal reflux disease shares genetic background with esophageal adenocarcinoma and Barrett's esophagus. *Human Molecular Genetics*, **2016**, 25, 828-35	5.6	26
149	When do myopia genes have their effect? Comparison of genetic risks between children and adults. *Genetic Epidemiology*, **2016**, 40, 756-766	2.6	26
148	Analysis combining correlated glaucoma traits identifies five new risk loci for open-angle glaucoma. *Scientific Reports*, **2018**, 8, 3124	4.9	25
147	A Novel Approach for Pathway Analysis of GWAS Data Highlights Role of BMP Signaling and Muscle Cell Differentiation in Colorectal Cancer Susceptibility. *Twin Research and Human Genetics*, **2017**, 20, 1-9	2.2	24
146	Germline variation in inflammation-related pathways and risk of Barrett's oesophagus and oesophageal adenocarcinoma. *Gut*, **2017**, 66, 1739-1747	19.2	24
145	Genome-wide Analysis Identifies Novel Loci Associated with Ovarian Cancer Outcomes: Findings from the Ovarian Cancer Association Consortium. *Clinical Cancer Research*, **2015**, 21, 5264-76	12.9	24
144	LocusTrack: Integrated visualization of GWAS results and genomic annotation. *Source Code for Biology and Medicine*, **2015**, 10, 1	1.9	24
143	Evaluation of association of HNF1B variants with diverse cancers: collaborative analysis of data from 19 genome-wide association studies. *PLoS ONE*, **2010**, 5, e10858	3.7	24
142	Association of Genetic Variation With Keratoconus. *JAMA Ophthalmology*, **2020**, 138, 174-181	3.9	24
141	Identification of a candidate gene for astigmatism **2013**, 54, 1260-7		23
140	Legacy of mutiny on the Bounty: founder effect and admixture on Norfolk Island. *European Journal of Human Genetics*, **2010**, 18, 67-72	5.3	23
139	Quantitative trait locus analysis of longitudinal quantitative trait data in complex pedigrees. *Genetics*, **2005**, 171, 1365-76	4	23

138	Genetic Association at the 9p21 Glaucoma Locus Contributes to Sex Bias in Normal-Tension Glaucoma **2016**, 57, 3416-21		23
137	Genetic burden associated with varying degrees of disease severity in endometriosis. *Molecular Human Reproduction*, **2015**, 21, 594-602	4.4	22
136	GAIA: an easy-to-use web-based application for interaction analysis of case-control data. *BMC Medical Genetics*, **2006**, 7, 34	2.1	22
135	Understanding the role of bitter taste perception in coffee, tea and alcohol consumption through Mendelian randomization. *Scientific Reports*, **2018**, 8, 16414	4.9	22
134	Genome-wide meta-analysis identifies novel loci associated with age-related macular degeneration. *Journal of Human Genetics*, **2020**, 65, 657-665	4.3	21
133	Combining common genetic variants and non-genetic risk factors to predict risk of cutaneous melanoma. *Human Molecular Genetics*, **2018**, 27, 4145-4156	5.6	21
132	Haplotype reference consortium panel: Practical implications of imputations with large reference panels. *Human Mutation*, **2017**, 38, 1025-1032	4.7	20
131	Combined analysis of keratinocyte cancers identifies novel genome-wide loci. *Human Molecular Genetics*, **2019**, 28, 3148-3160	5.6	20
130	Genome-wide association study for refractive astigmatism reveals genetic co-determination with spherical equivalent refractive error: the CREAM consortium. *Human Genetics*, **2015**, 134, 131-46	6.3	20
129	Associations between depression and anxiety symptoms and retinal vessel caliber in adolescents and young adults. *Psychosomatic Medicine*, **2014**, 76, 732-8	3.7	19
128	Genetic loci for retinal arteriolar microcirculation. *PLoS ONE*, **2013**, 8, e65804	3.7	19
127	Genomic locus modulating corneal thickness in the mouse identifies POU6F2 as a potential risk of developing glaucoma. *PLoS Genetics*, **2018**, 14, e1007145	6	19
126	Germline polymorphisms in an enhancer of PSIP1 are associated with progression-free survival in epithelial ovarian cancer. *Oncotarget*, **2016**, 7, 6353-68	3.3	19
125	Using Mendelian randomization to evaluate the causal relationship between serum C-reactive protein levels and age-related macular degeneration. *European Journal of Epidemiology*, **2020**, 35, 139-146	12.1	19
124	Genetic heterogeneity in self-reported depressive symptoms identified through genetic analyses of the PHQ-9. *Psychological Medicine*, **2020**, 50, 2385-2396	6.9	19
123	Implementing MR-PRESSO and GCTA-GSMR for pleiotropy assessment in Mendelian randomization studies from a practitioner's perspective. *Genetic Epidemiology*, **2019**, 43, 609-616	2.6	18
122	Survival outcomes in patients with multiple primary melanomas. *Journal of the European Academy of Dermatology and Venereology*, **2015**, 29, 2120-7	4.6	18
121	European and Polynesian admixture in the Norfolk Island population. *Heredity*, **2010**, 105, 229-34	3.6	18

120	Use of phenotypic covariates in association analysis by sequential addition of cases. *European Journal of Human Genetics*, **2006**, 14, 529-34	5.3	18
119	GWAS study using DNA pooling strategy identifies association of variant rs4910623 in OR52B4 gene with anti-VEGF treatment response in age-related macular degeneration. *Scientific Reports*, **2016**, 6, 37924	4.9	18
118	Assessing the genetic architecture of epithelial ovarian cancer histological subtypes. *Human Genetics*, **2016**, 135, 741-56	6.3	18
117	Assessment of polygenic effects links primary open-angle glaucoma and age-related macular degeneration. *Scientific Reports*, **2016**, 6, 26885	4.9	17
116	Genetic and environmental factors in conjunctival UV autofluorescence. *JAMA Ophthalmology*, **2015**, 133, 406-12	3.9	16
115	Effects of GABRA2 variation on physiological, psychomotor and subjective responses in the alcohol challenge twin study. *Twin Research and Human Genetics*, **2008**, 11, 174-82	2.2	16
114	Gastroesophageal reflux GWAS identifies risk loci that also associate with subsequent severe esophageal diseases. *Nature Communications*, **2019**, 10, 4219	17.4	15
113	Association between coffee consumption and overall risk of being diagnosed with or dying from cancer among >300 000 UK Biobank participants in a large-scale Mendelian randomization study. *International Journal of Epidemiology*, **2019**, 48, 1447-1456	7.8	15
112	Accurate Imputation-Based Screening of Gln368Ter Myocilin Variant in Primary Open-Angle Glaucoma **2015**, 56, 5087-93		15
111	Interactions Between Genetic Variants and Environmental Factors Affect Risk of Esophageal Adenocarcinoma and Barrett's Esophagus. *Clinical Gastroenterology and Hepatology*, **2018**, 16, 1598-1606.e4	6.9	14
110	Promoter polymorphisms in two overlapping 6p25 genes implicate mitochondrial proteins in cognitive deficit in schizophrenia. *Molecular Psychiatry*, **2012**, 17, 1328-39	15.1	14
109	Myocilin Gene Gln368Ter Variant Penetrance and Association With Glaucoma in Population-Based and Registry-Based Studies. *JAMA Ophthalmology*, **2019**, 137, 28-35	3.9	14
108	Effect of increased body mass index on risk of diagnosis or death from cancer. *British Journal of Cancer*, **2019**, 120, 565-570	8.7	13
107	A genome wide survey supports the involvement of large copy number variants in schizophrenia with and without intellectual disability. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2013**, 162B, 847-54	3.5	13
106	Exome-Derived Adiponectin-Associated Variants Implicate Obesity and Lipid Biology. *American Journal of Human Genetics*, **2019**, 105, 15-28	11	12
105	An Intraocular Pressure Polygenic Risk Score Stratifies Multiple Primary Open-Angle Glaucoma Parameters Including Treatment Intensity. *Ophthalmology*, **2020**, 127, 901-907	7.3	12
104	Overlapping genetic architecture between Parkinson disease and melanoma. *Acta Neuropathologica*, **2020**, 139, 347-364	14.3	12
103	A comprehensive re-assessment of the association between vitamin D and cancer susceptibility using Mendelian randomization. *Nature Communications*, **2021**, 12, 246	17.4	12

102	Genome-wide association analysis of 95 549 individuals identifies novel loci and genes influencing optic disc morphology. *Human Molecular Genetics*, **2019**, 28, 3680-3690	5.6	11
101	Polyunsaturated fatty acids and risk of melanoma: A Mendelian randomisation analysis. *International Journal of Cancer*, **2018**, 143, 508-514	7.5	11
100	Contribution of Mutations in Known Mendelian Glaucoma Genes to Advanced Early-Onset Primary Open-Angle Glaucoma **2017**, 58, 1537-1544		11
99	Vitamin D receptor gene polymorphisms have negligible effect on human height. *Twin Research and Human Genetics*, **2008**, 11, 488-94	2.2	11
98	Mendelian Randomization Study for Genetically Predicted Polyunsaturated Fatty Acids Levels on Overall Cancer Risk and Mortality. *Cancer Epidemiology Biomarkers and Prevention*, **2019**, 28, 1015-1023	4	10
97	Genome-Wide Association Study Identifies a Susceptibility Locus for Comitant Esotropia and Suggests a Parent-of-Origin Effect **2018**, 59, 4054-4064		10
96	Copy number variation at chromosome 5q21.2 is associated with intraocular pressure **2013**, 54, 3607-12		10
95	A multi-ethnic genome-wide association study implicates collagen matrix integrity and cell differentiation pathways in keratoconus. *Communications Biology*, **2021**, 4, 266	6.7	10
94	Polymorphisms in genes in the androgen pathway and risk of Barrett's esophagus and esophageal adenocarcinoma. *International Journal of Cancer*, **2016**, 138, 1146-52	7.5	10
93	Multi-trait genome-wide association study identifies new loci associated with optic disc parameters. *Communications Biology*, **2019**, 2, 435	6.7	10
92	Cardiovascular Disease Predicts Structural and Functional Progression in Early Glaucoma. *Ophthalmology*, **2021**, 128, 58-69	7.3	10
91	Genome-wide association meta-analysis of corneal curvature identifies novel loci and shared genetic influences across axial length and refractive error. *Communications Biology*, **2020**, 3, 133	6.7	9
90	Body mass index and height and risk of cutaneous melanoma: Mendelian randomization analyses. *International Journal of Epidemiology*, **2020**, 49, 1236-1245	7.8	9
89	Testosterone Pathway Genetic Polymorphisms in Relation to Primary Open-Angle Glaucoma: An Analysis in Two Large Datasets **2018**, 59, 629-636		9
88	Polymorphisms in Genes of Relevance for Oestrogen and Oxytocin Pathways and Risk of Barrett's Oesophagus and Oesophageal Adenocarcinoma: A Pooled Analysis from the BEACON Consortium. *PLoS ONE*, **2015**, 10, e0138738	3.7	9
87	Association between in vivo alcohol metabolism and genetic variation in pathways that metabolize the carbon skeleton of ethanol and NADH reoxidation in the alcohol challenge twin study. *Alcoholism: Clinical and Experimental Research*, **2012**, 36, 2074-85	3.7	9
86	Bipolar disorder in the Bulgarian Gypsies: genetic heterogeneity in a young founder population. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2009**, 150B, 191-201	3.5	9
85	Time spent outdoors in childhood is associated with reduced risk of myopia as an adult. *Scientific Reports*, **2021**, 11, 6337	4.9	9

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