Gyda Bjornsdottir

List of Publications by Year
in descending order

48 papers	13,679 citations	126907 33 h-index	189892 50 g-index
54 all docs	54 docs citations	54 times ranked	22854 citing authors

#	Article	IF	Citations
1	A mutation in APP protects against Alzheimerâ€™s disease and age-related cognitive decline. Nature, 2012, 488, 96-99.	27.8	1,442
2	A variant associated with nicotine dependence, lung cancer and peripheral arterial disease. Nature, 2008, 452, 638-642.	27.8	1,399
3	Association studies of up to 1.2 million individuals yield new insights into the genetic etiology of tobacco and alcohol use. Nature Genetics, 2019, 51, 237-244.	21.4	1,307
4	Genetics of gene expression and its effect on disease. Nature, 2008, 452, 423-428.	27.8	1,209
5	Genome-wide association study identifies 74 loci associated with educational attainment. Nature, 2016, 533, 539-542.	27.8	1,204
6	Genetic variants associated with subjective well-being, depressive symptoms, and neuroticism identified through genome-wide analyses. Nature Genetics, 2016, 48, 624-633.	21.4	870
7	The nature of nurture: Effects of parental genotypes. Science, 2018, 359, 424-428.	12.6	720
8	Large-scale whole-genome sequencing of the Icelandic population. Nature Genetics, 2015, 47, 435-444.	21.4	663
9	CNVs conferring risk of autism or schizophrenia affect cognition in controls. Nature, 2014, 505, 361-366.	27.8	588
10	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. Nature Genetics, 2016, 48, 1171-1184.	21.4	362
11	Polygenic risk scores for schizophrenia and bipolar disorder predict creativity. Nature Neuroscience, 2015, 18, 953-955.	14.8	351
12	Genome-wide analyses for personality traits identify six genomic loci and show correlations with psychiatric disorders. Nature Genetics, 2017, 49, 152-156.	21.4	350
13	New common variants affecting susceptibility to basal cell carcinoma. Nature Genetics, 2009, 41, 909-914.	21.4	303
14	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. Nature Genetics, 2016, 48, 1462-1472.	21.4	284
15	Brain age prediction using deep learning uncovers associated sequence variants. Nature Communications, 2019, 10, 5409.	12.8	238
16	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
17	Variant in the sequence of the LINGO1 gene confers risk of essential tremor. Nature Genetics, 2009, 41, 277-279.	21.4	211
18	Deciphering osteoarthritis genetics across 826,690 individuals from 9 populations. Cell, 2021, 184, 4784-4818.e17.	28.9	188

#	Article	IF	Citations
19	Selection against variants in the genome associated with educational attainment. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E727-E732.	7.1	149
20	Relatedness disequilibrium regression estimates heritability without environmental bias. Nature Genetics, 2018, 50, 1304-1310.	21.4	147
21	Genome-wide analysis of 102,084 migraine cases identifies 123 risk loci and subtype-specific risk alleles. Nature Genetics, 2022, 54, 152-160.	21.4	135
22	Identification of low-frequency variants associated with gout and serum uric acid levels. Nature Genetics, 2011, 43, 1127-1130.	21.4	134
23	Meta-analysis of Icelandic and UK data sets identifies missense variants in SMO, IL11, COL11A1 and 13 more new loci associated with osteoarthritis. Nature Genetics, 2018, 50, 1681-1687.	21.4	131
24	Sequence variants at CYP1A1â€“CYP1A2 and AHR associate with coffee consumption. Human Molecular Genetics, 2011, 20, 2071-2077.	2.9	114
25	Common variants on 1p36 and 1q42 are associated with cutaneous basal cell carcinoma but not with melanoma or pigmentation traits. Nature Genetics, 2008, 40, 1313-1318.	21.4	111
26	Genetic variants linked to education predict longevity. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13366-13371.	7.1	110
27	HeartCare: an Internet-based information and support system for patient home recovery after coronary artery bypass graft (CABG) surgery. Journal of Advanced Nursing, 2001, 35, 699-708.	3.3	106
28	Polygenic risk scores for schizophrenia and bipolar disorder associate with addiction. Addiction Biology, 2018, 23, 485-492.	2.6	90
29	Neuropathic pain phenotyping by international consensus (NeuroPPIC) for genetic studies. Pain, 2015, 156, 2337-2353.	4.2	86
30	A loss-of-function variant in ALOX15 protects against nasal polyps and chronic rhinosinusitis. Nature Genetics, 2019, 51, 267-276.	21.4	83
31	15q11.2 CNV affects cognitive, structural and functional correlates of dyslexia and dyscalculia. Translational Psychiatry, 2017, 7, e1109-e1109.	4.8	67
32	Rare and Common Variants Conferring Risk of Tooth Agenesis. Journal of Dental Research, 2018, 97, 515-522.	5.2	52
33	Sequence variant at 8q24.21 associates with sciatica caused by lumbar disc herniation. Nature Communications, 2017, 8, 14265.	12.8	48
34	The Adult Reading History Questionnaire (ARHQ) in Icelandic. Journal of Learning Disabilities, 2014, 47, 532-542.	2.2	33
35	The CRTAC1 Protein in Plasma Is Associated With Osteoarthritis and Predicts Progression to Joint Replacement: A Largeâ€Scale Proteomics Scan in Iceland. Arthritis and Rheumatology, 2021, 73, 2025-2034.	5.6	27
36	A rare missense mutation in CHRNA4 associates with smoking behavior and its consequences. Molecular Psychiatry, 2016, 21, 594-600.	7.9	26

#	Article	IF	Citations
37	Addictions and their familiality in Iceland. Annals of the New York Academy of Sciences, 2010, 1187, 208-217.	3.8	22
38	Rare SLC13A1 variants associate with intervertebral disc disorder highlighting role of sulfate in disc pathology. Nature Communications, 2022, 13, 634.	12.8	21
39	A genome-wide meta-analysis uncovers six sequence variants conferring risk of vertigo. Communications Biology, 2021, 4, 1148.	4.4	12
40	Common and rare sequence variants influencing tumor biomarkers in blood. Cancer Epidemiology Biomarkers and Prevention, 2019, 29, cebp.1060.2018.	2.5	9
41	A meta-analysis uncovers the first sequence variant conferring risk of Bellâ€™s palsy. Scientific Reports, 2021, 11, 4188.	3.3	8
42	A genome-wide meta-analysis identifies 50 genetic loci associated with carpal tunnel syndrome. Nature Communications, 2022, 13, 1598.	12.8	8
43	From paper to web: Mode equivalence of the ARHQ and NEO-FFI. Computers in Human Behavior, 2014, 41, 384-392.	8.5	7
44	A PRPH splice-donor variant associates with reduced sural nerve amplitude and risk of peripheral neuropathy. Nature Communications, 2019, 10, 1777.	12.8	7
45	Psychometric properties of the Icelandic NEO-FFI in a general population sample compared to a sample recruited for a study on the genetics of addiction. Personality and Individual Differences, 2014, 58, 71-75.	2.9	6
46	Sequence variants in malignant hyperthermia genes in Iceland: classification and actionable findings in a population database. European Journal of Human Genetics, 2021, 29, 1819-1824.	2.8	4
47	Genetic propensities for verbal and spatial ability have opposite effects on body mass index and risk of schizophrenia. Intelligence, 2021, 88, 101565.	3.0	2
48	An Internet-Based Survey of Icelandic Nurses on Their Use of and Attitudes Toward NANDA, NIC, and NOC. International Journal of Nursing Knowledge, 2003, 14, 32-33.	0.4	2