

Sigurjon A Gudjonsson

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

12,718
citations

76196

40
h-index

205818

48
g-index

51
all docs

51
docs citations

51
times ranked

22448
citing authors

#	ARTICLE	IF	CITATIONS
1	Rate of de novo mutations and the importance of father's age to disease risk. Nature, 2012, 488, 471-475.	13.7	1,880
2	A high-resolution recombination map of the human genome. Nature Genetics, 2002, 31, 241-247.	9.4	1,571
3	Common variants on chromosomes 2q35 and 16q12 confer susceptibility to estrogen receptor-positive breast cancer. Nature Genetics, 2007, 39, 865-869.	9.4	774
4	Large-scale whole-genome sequencing of the Icelandic population. Nature Genetics, 2015, 47, 435-444.	9.4	663
5	Clonal hematopoiesis, with and without candidate driver mutations, is common in the elderly. Blood, 2017, 130, 742-752.	0.6	582
6	Fine-scale recombination rate differences between sexes, populations and individuals. Nature, 2010, 467, 1099-1103.	13.7	559
7	Parental origin of sequence variants associated with complex diseases. Nature, 2009, 462, 868-874.	13.7	521
8	Common variants on chromosome 5p12 confer susceptibility to estrogen receptor-positive breast cancer. Nature Genetics, 2008, 40, 703-706.	9.4	412
9	Sequence variant on 8q24 confers susceptibility to urinary bladder cancer. Nature Genetics, 2008, 40, 1307-1312.	9.4	377
10	Common variants near CAV1 and CAV2 are associated with primary open-angle glaucoma. Nature Genetics, 2010, 42, 906-909.	9.4	357
11	Several common variants modulate heart rate, PR interval and QRS duration. Nature Genetics, 2010, 42, 117-122.	9.4	342
12	Large-scale integration of the plasma proteome with genetics and disease. Nature Genetics, 2021, 53, 1712-1721.	9.4	340
13	Two newly identified genetic determinants of pigmentation in Europeans. Nature Genetics, 2008, 40, 835-837.	9.4	331
14	New common variants affecting susceptibility to basal cell carcinoma. Nature Genetics, 2009, 41, 909-914.	9.4	303
15	Identification of low-frequency and rare sequence variants associated with elevated or reduced risk of type 2 diabetes. Nature Genetics, 2014, 46, 294-298.	9.4	294
16	Loss-of-function variants in ABCA7 confer risk of Alzheimer's disease. Nature Genetics, 2015, 47, 445-447.	9.4	283
17	Characterizing mutagenic effects of recombination through a sequence-level genetic map. Science, 2019, 363, .	6.0	252
18	A germline variant in the TP53 polyadenylation signal confers cancer susceptibility. Nature Genetics, 2011, 43, 1098-1103.	9.4	251

#	ARTICLE	IF	CITATIONS
19	Identification of a large set of rare complete human knockouts. <i>Nature Genetics</i> , 2015, 47, 448-452.	9.4	214
20	Sequence Variants in the <i>RNF212</i> Gene Associate with Genome-Wide Recombination Rate. <i>Science</i> , 2008, 319, 1398-1401.	6.0	183
21	A study based on whole-genome sequencing yields a rare variant at 8q24 associated with prostate cancer. <i>Nature Genetics</i> , 2012, 44, 1326-1329.	9.4	178
22	Weighting sequence variants based on their annotation increases power of whole-genome association studies. <i>Nature Genetics</i> , 2016, 48, 314-317.	9.4	178
23	A sequence variant at 4p16.3 confers susceptibility to urinary bladder cancer. <i>Nature Genetics</i> , 2010, 42, 415-419.	9.4	169
24	Long-read sequencing of 3,622 Icelanders provides insight into the role of structural variants in human diseases and other traits. <i>Nature Genetics</i> , 2021, 53, 779-786.	9.4	156
25	Identification of low-frequency variants associated with gout and serum uric acid levels. <i>Nature Genetics</i> , 2011, 43, 1127-1130.	9.4	134
26	A genome-wide association study yields five novel thyroid cancer risk loci. <i>Nature Communications</i> , 2017, 8, 14517.	5.8	117
27	Sequence variants at <i>CYP1A1</i> and <i>CYP1A2</i> and <i>AHR</i> associate with coffee consumption. <i>Human Molecular Genetics</i> , 2011, 20, 2071-2077.	1.4	114
28	Common variants on 1p36 and 1q42 are associated with cutaneous basal cell carcinoma but not with melanoma or pigmentation traits. <i>Nature Genetics</i> , 2008, 40, 1313-1318.	9.4	111
29	A homozygous loss-of-function mutation leading to <i>CYBC1</i> deficiency causes chronic granulomatous disease. <i>Nature Communications</i> , 2018, 9, 4447.	5.8	95
30	Insights into imprinting from parent-of-origin phased methylomes and transcriptomes. <i>Nature Genetics</i> , 2018, 50, 1542-1552.	9.4	94
31	Identification of sequence variants influencing immunoglobulin levels. <i>Nature Genetics</i> , 2017, 49, 1182-1191.	9.4	90
32	A frameshift deletion in the sarcomere gene <i>MYL4</i> causes early-onset familial atrial fibrillation. <i>European Heart Journal</i> , 2017, 38, 27-34.	1.0	89
33	Ancestry-Shift Refinement Mapping of the C6orf97-ESR1 Breast Cancer Susceptibility Locus. <i>PLoS Genetics</i> , 2010, 6, e1001029.	1.5	82
34	Sequence variants from whole genome sequencing a large group of Icelanders. <i>Scientific Data</i> , 2015, 2, 150011.	2.4	59
35	New basal cell carcinoma susceptibility loci. <i>Nature Communications</i> , 2015, 6, 6825.	5.8	59
36	Sequence variants in the <i>PTCH1</i> gene associate with spine bone mineral density and osteoporotic fractures. <i>Nature Communications</i> , 2016, 7, 10129.	5.8	58

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37	A common variant at 8q24.21 is associated with renal cell cancer. <i>Nature Communications</i> , 2013, 4, 2776.	5.8	56
38	Epigenetic and genetic components of height regulation. <i>Nature Communications</i> , 2016, 7, 13490.	5.8	52
39	Germline sequence variants in TGM3 and RGS22 confer risk of basal cell carcinoma. <i>Human Molecular Genetics</i> , 2014, 23, 3045-3053.	1.4	48
40	Genome-wide association study yields variants at 20p12.2 that associate with urinary bladder cancer. <i>Human Molecular Genetics</i> , 2014, 23, 5545-5557.	1.4	46
41	Genome-wide associations for benign prostatic hyperplasia reveal a genetic correlation with serum levels of PSA. <i>Nature Communications</i> , 2018, 9, 4568.	5.8	44
42	Two Rare Mutations in the <i>COL1A2</i> Gene Associate With Low Bone Mineral Density and Fractures in Iceland. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 173-179.	3.1	35
43	Compound heterozygous mutations in UBA5 causing early-onset epileptic encephalopathy in two sisters. <i>BMC Medical Genetics</i> , 2017, 18, 103.	2.1	28
44	Multiomics analysis of rheumatoid arthritis yields sequence variants that have large effects on risk of the seropositive subset. <i>Annals of the Rheumatic Diseases</i> , 2022, 81, 1085-1095.	0.5	26
45	Insertion of an SVA-E retrotransposon into the <i>CASP8</i> gene is associated with protection against prostate cancer. <i>Human Molecular Genetics</i> , 2016, 25, 1008-1018.	1.4	22
46	Rare SLC13A1 variants associate with intervertebral disc disorder highlighting role of sulfate in disc pathology. <i>Nature Communications</i> , 2022, 13, 634.	5.8	21
47	Loss-of-Function Variants in the Tumor-Suppressor Gene <i>PTPN14</i> Confer Increased Cancer Risk. <i>Cancer Research</i> , 2021, 81, 1954-1964.	0.4	15
48	Allele frequency of variants reported to cause adenine phosphoribosyltransferase deficiency. <i>European Journal of Human Genetics</i> , 2021, 29, 1061-1070.	1.4	5