Agnar Helgason

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6484639/publications.pdf

Version: 2024-02-01

44	10,535	101496	233338
papers	citations	36 h-index	45 g-index

50	50	50	20176
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reconstruction of a large-scale outbreak of SARS-CoV-2 infection in Iceland informs vaccination strategies. Clinical Microbiology and Infection, 2022, 28, 852-858.	2.8	11
2	Long-read sequencing of 3,622 Icelanders provides insight into the role of structural variants in human diseases and other traits. Nature Genetics, 2021, 53, 779-786.	9.4	156
3	The genetic structure of Norway. European Journal of Human Genetics, 2021, 29, 1710-1718.	1.4	10
4	Differences between germline genomes of monozygotic twins. Nature Genetics, 2021, 53, 27-34.	9.4	83
5	Large-scale integration of the plasma proteome with genetics and disease. Nature Genetics, 2021, 53, 1712-1721.	9.4	340
6	Sequence Variants in TAAR5 and Other Loci Affect Human Odor Perception and Naming. Current Biology, 2020, 30, 4643-4653.e3.	1.8	19
7	The nature of Neanderthal introgression revealed by 27,566 Icelandic genomes. Nature, 2020, 582, 78-83.	13.7	71
8	Spread of SARS-CoV-2 in the Icelandic Population. New England Journal of Medicine, 2020, 382, 2302-2315.	13.9	1,093
9	Characterizing mutagenic effects of recombination through a sequence-level genetic map. Science, 2019, 363, .	6.0	252
10	Tracking Five Millennia of Horse Management with Extensive Ancient Genome Time Series. Cell, 2019, 177, 1419-1435.e31.	13.5	195
11	The motherâ€™s risk of premature death after child loss across two centuries. ELife, 2019, 8, .	2.8	7
12	The nature of nurture: Effects of parental genotypes. Science, 2018, 359, 424-428.	6.0	720
13	Multiple transmissions of de novo mutations in families. Nature Genetics, 2018, 50, 1674-1680.	9.4	89
14	Ancient genomes from Iceland reveal the making of a human population. Science, 2018, 360, 1028-1032.	6.0	62
15	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.	3.3	149
16	Clonal hematopoiesis, with and without candidate driver mutations, is common in the elderly. Blood, 2017, 130, 742-752.	0.6	582
17	Reproductive fitness and genetic risk of psychiatric disorders in the general population. Nature Communications, 2017, 8, 15833.	5.8	30
18	Genome-wide Ancestry and Demographic History of African-Descendant Maroon Communities from French Guiana and Suriname. American Journal of Human Genetics, 2017, 101, 725-736.	2.6	50

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19	Whole genome characterization of sequence diversity of 15,220 Icelanders. Scientific Data, 2017, 4, 170115.	2.4	98
20	Parental influence on human germline de novo mutations in 1,548 trios from Iceland. Nature, 2017, 549, 519-522.	13.7	410
21	The rate of meiotic gene conversion varies by sex and age. Nature Genetics, 2016, 48, 1377-1384.	9.4	85
22	Epigenetic and genetic components of height regulation. Nature Communications, 2016, 7, 13490.	5.8	52
23	Multi-nucleotide de novo Mutations in Humans. PLoS Genetics, 2016, 12, e1006315.	1.5	111
24	Sequence variants from whole genome sequencing a large group of Icelanders. Scientific Data, 2015, 2, 150011.	2.4	59
25	Polygenic risk scores for schizophrenia and bipolar disorder predict creativity. Nature Neuroscience, 2015, 18, 953-955.	7.1	351
26	The Y-chromosome point mutation rate in humans. Nature Genetics, 2015, 47, 453-457.	9.4	81
27	Identification of a large set of rare complete human knockouts. Nature Genetics, 2015, 47, 448-452.	9.4	214
28	Large-scale whole-genome sequencing of the Icelandic population. Nature Genetics, 2015, 47, 435-444.	9.4	663
29	Rare mutations associating with serum creatinine and chronic kidney disease. Human Molecular Genetics, 2014, 23, 6935-6943.	1.4	52
30	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
31	Rate of de novo mutations and the importance of fatherâ€™s age to disease risk. Nature, 2012, 488, 471-475.	13.7	1,880
32	Fine-scale recombination rate differences between sexes, populations and individuals. Nature, 2010, 467, 1099-1103.	13.7	559
33	The past, present, and future of direct-to-consumer genetic tests. Dialogues in Clinical Neuroscience, 2010, 12, 61-68.	1.8	18
34	Sequences From First Settlers Reveal Rapid Evolution in Icelandic mtDNA Pool. PLoS Genetics, 2009, 5, e1000343.	1.5	71
35	The Impact of Divergence Time on the Nature of Population Structure: An Example from Iceland. PLoS Genetics, 2009, 5, e1000505.	1.5	90
36	An Association Between the Kinship and Fertility of Human Couples. Science, 2008, 319, 813-816.	6.0	142

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37	Refining the impact of TCF7L2 gene variants on type 2 diabetes and adaptive evolution. Nature Genetics, 2007, 39, 218-225.	9.4	485
38	A Statistical Approach to Identify Ancient Template DNA. Journal of Molecular Evolution, 2007, 65, 92-102.	0.8	24
39	mtDNA variation in Inuit populations of Greenland and Canada: Migration history and population structure. American Journal of Physical Anthropology, 2006, 130, 123-134.	2.1	95
40	An Icelandic example of the impact of population structure on association studies. Nature Genetics, 2005, 37, 90-95.	9.4	239
41	A Populationwide Coalescent Analysis of Icelandic Matrilineal and Patrilineal Genealogies: Evidence for a Faster Evolutionary Rate of mtDNA Lineages than Y Chromosomes. American Journal of Human Genetics, 2003, 72, 1370-1388.	2.6	123
42	Genetic homogeneity of Icelanders. Nature Genetics, 2000, 26, 395-395.	9.4	15
43	mtDNA and the Origin of the Icelanders: Deciphering Signals of Recent Population History. American Journal of Human Genetics, 2000, 66, 999-1016.	2.6	185
44	Estimating Scandinavian and Gaelic Ancestry in the Male Settlers of Iceland. American Journal of Human Genetics, 2000, 67, 697-717.	2.6	170