Agnar Helgason

List of Publications by Year
in descending order

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

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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	Rate of de novo mutations and the importance of fatherâ€™s age to disease risk. Nature, 2012, 488, 471-475.	13.7	1,880
2	Spread of SARS-CoV-2 in the Icelandic Population. New England Journal of Medicine, 2020, 382, 2302-2315.	13.9	1,093
3	The nature of nurture: Effects of parental genotypes. Science, 2018, 359, 424-428.	6.0	720
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	Refining the impact of TCF7L2 gene variants on type 2 diabetes and adaptive evolution. Nature Genetics, 2007, 39, 218-225.	9.4	485
8	Parental influence on human germline de novo mutations in 1,548 trios from Iceland. Nature, 2017, 549, 519-522.	13.7	410
9	Polygenic risk scores for schizophrenia and bipolar disorder predict creativity. Nature Neuroscience, 2015, 18, 953-955.	7.1	351
10	Large-scale integration of the plasma proteome with genetics and disease. Nature Genetics, 2021, 53, 1712-1721.	9.4	340
11	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
12	Characterizing mutagenic effects of recombination through a sequence-level genetic map. Science, 2019, 363, .	6.0	252
13	An Icelandic example of the impact of population structure on association studies. Nature Genetics, 2005, 37, 90-95.	9.4	239
14	Identification of a large set of rare complete human knockouts. Nature Genetics, 2015, 47, 448-452.	9.4	214
15	Tracking Five Millennia of Horse Management with Extensive Ancient Genome Time Series. Cell, 2019, 177, 1419-1435.e31.	13.5	195
16	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
17	Estimating Scandinavian and Gaelic Ancestry in the Male Settlers of Iceland. American Journal of Human Genetics, 2000, 67, 697-717.	2.6	170
18	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

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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.	3.3	149
20	An Association Between the Kinship and Fertility of Human Couples. Science, 2008, 319, 813-816.	6.0	142
21	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
22	Multi-nucleotide de novo Mutations in Humans. PLoS Genetics, 2016, 12, e1006315.	1.5	111
23	Whole genome characterization of sequence diversity of 15,220 Icelanders. Scientific Data, 2017, 4, 170115.	2.4	98
24	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
25	The Impact of Divergence Time on the Nature of Population Structure: An Example from Iceland. PLoS Genetics, 2009, 5, e1000505.	1.5	90
26	Multiple transmissions of de novo mutations in families. Nature Genetics, 2018, 50, 1674-1680.	9.4	89
27	The rate of meiotic gene conversion varies by sex and age. Nature Genetics, 2016, 48, 1377-1384.	9.4	85
28	Differences between germline genomes of monozygotic twins. Nature Genetics, 2021, 53, 27-34.	9.4	83
29	The Y-chromosome point mutation rate in humans. Nature Genetics, 2015, 47, 453-457.	9.4	81
30	Sequences From First Settlers Reveal Rapid Evolution in Icelandic mtDNA Pool. PLoS Genetics, 2009, 5, e1000343.	1.5	71
31	The nature of Neanderthal introgression revealed by 27,566 Icelandic genomes. Nature, 2020, 582, 78-83.	13.7	71
32	Ancient genomes from Iceland reveal the making of a human population. Science, 2018, 360, 1028-1032.	6.0	62
33	Sequence variants from whole genome sequencing a large group of Icelanders. Scientific Data, 2015, 2, 150011.	2.4	59
34	Rare mutations associating with serum creatinine and chronic kidney disease. Human Molecular Genetics, 2014, 23, 6935-6943.	1.4	52
35	Epigenetic and genetic components of height regulation. Nature Communications, 2016, 7, 13490.	5.8	52
36	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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37	Reproductive fitness and genetic risk of psychiatric disorders in the general population. Nature Communications, 2017, 8, 15833.	5.8	30
38	A Statistical Approach to Identify Ancient Template DNA. Journal of Molecular Evolution, 2007, 65, 92-102.	0.8	24
39	Sequence Variants in TAAR5 and Other Loci Affect Human Odor Perception and Naming. Current Biology, 2020, 30, 4643-4653.e3.	1.8	19
40	The past, present, and future of direct-to-consumer genetic tests. Dialogues in Clinical Neuroscience, 2010, 12, 61-68.	1.8	18
41	Genetic homogeneity of Icelanders. Nature Genetics, 2000, 26, 395-395.	9.4	15
42	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
43	The genetic structure of Norway. European Journal of Human Genetics, 2021, 29, 1710-1718.	1.4	10
44	The motherâ€™s risk of premature death after child loss across two centuries. ELife, 2019, 8, .	2.8	7