

Thorgeir E Thorgeirsson

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

21,657
citations

38742

50
h-index

69250

77
g-index

80
all docs

80
docs citations

80
times ranked

26040
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression. <i>Nature Genetics</i> , 2018, 50, 668-681.	21.4	2,224
2	Large recurrent microdeletions associated with schizophrenia. <i>Nature</i> , 2008, 455, 232-236.	27.8	1,619
3	Common variants conferring risk of schizophrenia. <i>Nature</i> , 2009, 460, 744-747.	27.8	1,572
4	A high-resolution recombination map of the human genome. <i>Nature Genetics</i> , 2002, 31, 241-247.	21.4	1,571
5	A variant associated with nicotine dependence, lung cancer and peripheral arterial disease. <i>Nature</i> , 2008, 452, 638-642.	27.8	1,399
6	Association studies of up to 1.2 million individuals yield new insights into the genetic etiology of tobacco and alcohol use. <i>Nature Genetics</i> , 2019, 51, 237-244.	21.4	1,307
7	Genome-wide association study identifies 30 loci associated with bipolar disorder. <i>Nature Genetics</i> , 2019, 51, 793-803.	21.4	1,191
8	A mega-analysis of genome-wide association studies for major depressive disorder. <i>Molecular Psychiatry</i> , 2013, 18, 497-511.	7.9	1,002
9	A common inversion under selection in Europeans. <i>Nature Genetics</i> , 2005, 37, 129-137.	21.4	747
10	The nature of nurture: Effects of parental genotypes. <i>Science</i> , 2018, 359, 424-428.	12.6	720
11	Sequence variants at CHRN3 and CHRNA6 and CYP2A6 affect smoking behavior. <i>Nature Genetics</i> , 2010, 42, 448-453.	21.4	649
12	Genome-wide association study of more than 40,000 bipolar disorder cases provides new insights into the underlying biology. <i>Nature Genetics</i> , 2021, 53, 817-829.	21.4	629
13	A Genetic Risk Factor for Periodic Limb Movements in Sleep. <i>New England Journal of Medicine</i> , 2007, 357, 639-647.	27.0	582
14	Sequence variants at the TERT-CLPTM1L locus associate with many cancer types. <i>Nature Genetics</i> , 2009, 41, 221-227.	21.4	572
15	Large-scale association analysis identifies new lung cancer susceptibility loci and heterogeneity in genetic susceptibility across histological subtypes. <i>Nature Genetics</i> , 2017, 49, 1126-1132.	21.4	472
16	Sequence variant on 8q24 confers susceptibility to urinary bladder cancer. <i>Nature Genetics</i> , 2008, 40, 1307-1312.	21.4	377
17	Polygenic risk scores for schizophrenia and bipolar disorder predict creativity. <i>Nature Neuroscience</i> , 2015, 18, 953-955.	14.8	351
18	Genome-wide analyses for personality traits identify six genomic loci and show correlations with psychiatric disorders. <i>Nature Genetics</i> , 2017, 49, 152-156.	21.4	350

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19	Genome-wide association and genetic functional studies identify <i>AUTS2</i> gene (<i>AUTS2</i>) in the regulation of alcohol consumption. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7119-7124.	7.1	258
20	Brain age prediction using deep learning uncovers associated sequence variants. Nature Communications, 2019, 10, 5409.	12.8	238
21	A large-scale genome-wide association study meta-analysis of cannabis use disorder. Lancet Psychiatry, 2020, 7, 1032-1045.	7.4	200
22	Recombination rate and reproductive success in humans. Nature Genetics, 2004, 36, 1203-1206.	21.4	176
23	Genome-wide Association for Major Depression Through Age at Onset Stratification: Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium. Biological Psychiatry, 2017, 81, 325-335.	1.3	175
24	A sequence variant at 4p16.3 confers susceptibility to urinary bladder cancer. Nature Genetics, 2010, 42, 415-419.	21.4	169
25	Nanosecond photolysis of rhodopsin: evidence for a new blue-shifted intermediate. Biochemistry, 1990, 29, 1475-1485.	2.5	143
26	Expanding the range of ZNF804A variants conferring risk of psychosis. Molecular Psychiatry, 2011, 16, 59-66.	7.9	140
27	The Genetics of the Mood Disorder Spectrum: Genome-wide Association Analyses of More Than 185,000 Cases and 439,000 Controls. Biological Psychiatry, 2020, 88, 169-184.	1.3	137
28	Transient channel-opening in bacteriorhodopsin: an EPR study 1 Edited by D. Ress. Journal of Molecular Biology, 1997, 273, 951-957.	4.2	119
29	Neuregulin 1 and schizophrenia. Annals of Medicine, 2004, 36, 62-71.	3.8	119
30	Sequence variants at CYP1A1 and CYP1A2 and AHR associate with coffee consumption. Human Molecular Genetics, 2011, 20, 2071-2077.	2.9	114
31	Genetic Differences in the Immediate Transcriptome Response to Stress Predict Risk-Related Brain Function and Psychiatric Disorders. Neuron, 2015, 86, 1189-1202.	8.1	102
32	Genome-wide association study implicates CHRNA2 in cannabis use disorder. Nature Neuroscience, 2019, 22, 1066-1074.	14.8	94
33	Anxiety with Panic Disorder Linked to Chromosome 9q in Iceland. American Journal of Human Genetics, 2003, 72, 1221-1230.	6.2	93
34	Polygenic risk scores for schizophrenia and bipolar disorder associate with addiction. Addiction Biology, 2018, 23, 485-492.	2.6	90
35	The Genetic Architecture of Depression in Individuals of East Asian Ancestry. JAMA Psychiatry, 2021, 78, 1258.	11.0	88
36	Does Childhood Trauma Moderate Polygenic Risk for Depression? A Meta-analysis of 5765 Subjects From the Psychiatric Genomics Consortium. Biological Psychiatry, 2018, 84, 138-147.	1.3	87

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37	Neuropathic pain phenotyping by international consensus (NeuroPPIC) for genetic studies. <i>Pain</i> , 2015, 156, 2337-2353.	4.2	86
38	Genome-wide meta-analysis reveals common splice site acceptor variant in CHRNA4 associated with nicotine dependence. <i>Translational Psychiatry</i> , 2015, 5, e651-e651.	4.8	86
39	Bacteriorhodopsin D85N: Three spectroscopic species in equilibrium. <i>Biochemistry</i> , 1993, 32, 1332-1337.	2.5	84
40	Effects of temperature on rhodopsin photointermediates from lumirhodopsin to metarhodopsin II. <i>Biochemistry</i> , 1993, 32, 13861-13872.	2.5	82
41	Effects of detergent environments on the photocycle of purified monomeric bacteriorhodopsin. <i>Biochemistry</i> , 1991, 30, 1751-1761.	2.5	81
42	Genome-wide association study across European and African American ancestries identifies a SNP in DNMT3B contributing to nicotine dependence. <i>Molecular Psychiatry</i> , 2018, 23, 1911-1919.	7.9	80
43	Direct Determination of the Membrane Affinities of Individual Amino Acids. <i>Biochemistry</i> , 1996, 35, 1803-1809.	2.5	78
44	Increased Genetic Vulnerability to Smoking at CHRNA5 in Early-Onset Smokers. <i>Archives of General Psychiatry</i> , 2012, 69, 854.	12.3	71
45	Effects of Asp-96 .fwdarw. Asn, Asp-85 .fwdarw. Asn, and Arg-82 .fwdarw. Gln single-site substitutions on the photocycle of bacteriorhodopsin. <i>Biochemistry</i> , 1991, 30, 9133-9142.	2.5	70
46	Sequence variants in ARHGAP15, COLQ and FAM155A associate with diverticular disease and diverticulitis. <i>Nature Communications</i> , 2017, 8, 15789.	12.8	67
47	MgATP Binding and Hydrolysis Determinants of NtrC, a Bacterial Enhancer-Binding Protein. <i>Journal of Bacteriology</i> , 1999, 181, 4628-4638.	2.2	64
48	Truncating mutations in RBM12 are associated with psychosis. <i>Nature Genetics</i> , 2017, 49, 1251-1254.	21.4	63
49	Photoinduced electron transfer and enhanced triplet yields in benzo[a]pyrene derivative-nucleic acid complexes and covalent adducts. <i>Journal of the American Chemical Society</i> , 1994, 116, 63-72.	13.7	60
50	The association between lower educational attainment and depression owing to shared genetic effects? Results in ~25â€‰%000 subjects. <i>Molecular Psychiatry</i> , 2015, 20, 735-743.	7.9	59
51	Two Modes of Ligand Binding in Maltose-binding Protein of <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 1997, 272, 17610-17614.	3.4	58
52	Genome-wide association study of panic disorder reveals genetic overlap with neuroticism and depression. <i>Molecular Psychiatry</i> , 2021, 26, 4179-4190.	7.9	58
53	Topology of an Amphiphilic Mitochondrial Signal Sequence in the Membrane-Inserted State: A Spin Labeling Study. <i>Biochemistry</i> , 1994, 33, 14221-14226.	2.5	51
54	A common biological basis of obesity and nicotine addiction. <i>Translational Psychiatry</i> , 2013, 3, e308-e308.	4.8	51

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55	Direct Measurement of Small Ligand-Induced Conformational Changes in the Aspartate Chemoreceptor Using EPR. <i>Biochemistry</i> , 1998, 37, 7062-7069.	2.5	45
56	PHOTOLYSIS OF RHODOPSIN RESULTS IN DEPROTONATION OF ITS RETINAL SCHIFF'S BASE PRIOR TO FORMATION OF METARHODOPSIN II. <i>Photochemistry and Photobiology</i> , 1992, 56, 1135-1144.	2.5	41
57	Physical evidence for a phosphorylation-dependent conformational change in the enhancer-binding protein NtrC. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 4880-4885.	7.1	41
58	Neuregulin 1 in schizophrenia: out of Iceland. <i>Molecular Psychiatry</i> , 2003, 8, 639-640.	7.9	36
59	Temperature Dependence of Polypeptide Partitioning between Water and Phospholipid Bilayers. <i>Biochemistry</i> , 1996, 35, 9526-9532.	2.5	33
60	Classical Human Leukocyte Antigen Alleles and C4 Haplotypes Are Not Significantly Associated With Depression. <i>Biological Psychiatry</i> , 2020, 87, 419-430.	1.3	27
61	A Limiting Law for the Electrostatics of the Binding of Polypeptides to Phospholipid Bilayers. <i>Biochemistry</i> , 1995, 34, 5518-5522.	2.5	26
62	Commentary: Gene-environment interactions and smoking-related cancers. <i>International Journal of Epidemiology</i> , 2010, 39, 577-579.	1.9	26
63	Genome-Wide Significant Association Between a Sequence Variant at 15q15.2 and Lung Cancer Risk. <i>Cancer Research</i> , 2011, 71, 1356-1361.	0.9	26
64	A rare missense mutation in CHRNA4 associates with smoking behavior and its consequences. <i>Molecular Psychiatry</i> , 2016, 21, 594-600.	7.9	26
65	Genetics of Smoking Behavior and Its Consequences: The Role of Nicotinic Acetylcholine Receptors. <i>Biological Psychiatry</i> , 2008, 64, 919-921.	1.3	24
66	Addictions and their familiarity in Iceland. <i>Annals of the New York Academy of Sciences</i> , 2010, 1187, 208-217.	3.8	22
67	The Membrane Affinities of the Aliphatic Amino Acid Side Chains in an α -Helical Context Are Independent of Membrane Immersion Depth. <i>Biochemistry</i> , 1999, 38, 337-346.	2.5	17
68	Photolysis intermediates of human rhodopsin. <i>Biochemistry</i> , 1991, 30, 11372-11376.	2.5	16
69	Association of Whole-Genome and NETRIN1 Signaling Pathway-Derived Polygenic Risk Scores for Major Depressive Disorder and White Matter Microstructure in the UK Biobank. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 91-100.	1.5	16
70	GPC5 rs2352028 variant and risk of lung cancer in never smokers. <i>Lancet Oncology</i> , The, 2010, 11, 714-716.	10.7	15
71	Integration of evidence across human and model organism studies: A meeting report. <i>Genes, Brain and Behavior</i> , 2021, 20, e12738.	2.2	12
72	Common and rare sequence variants influencing tumor biomarkers in blood. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 29, cebp.1060.2018.	2.5	9

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73	De novo design of a peptide which partitions between water and phospholipid bilayers as a monomeric alpha-helix. <i>Protein Engineering, Design and Selection</i> , 1998, 11, 539-547.	2.1	8
74	A genome-wide meta-analysis identifies 50 genetic loci associated with carpal tunnel syndrome. <i>Nature Communications</i> , 2022, 13, 1598.	12.8	8
75	From paper to web: Mode equivalence of the ARHQ and NEO-FFI. <i>Computers in Human Behavior</i> , 2014, 41, 384-392.	8.5	7
76	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. <i>Personality and Individual Differences</i> , 2014, 58, 71-75.	2.9	6
77	Genetic propensities for verbal and spatial ability have opposite effects on body mass index and risk of schizophrenia. <i>Intelligence</i> , 2021, 88, 101565.	3.0	2