Frank Geller

List of Publications by Year
in descending order

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85 papers	15,559 citations	61857 43 h-index	54797 84 g-index
92 all docs	92 docs citations	92 times ranked	25134 citing authors

#	Article	IF	Citations
1	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	13.7	3,823
2	Defining the role of common variation in the genomic and biological architecture of adult human height. Nature Genetics, 2014, 46, 1173-1186.	9.4	1,818
3	A variant associated with nicotine dependence, lung cancer and peripheral arterial disease. Nature, 2008, 452, 638-642.	13.7	1,399
4	Common variants on chromosomes 2q35 and 16q12 confer susceptibility to estrogen receptorâ€“positive breast cancer. Nature Genetics, 2007, 39, 865-869.	9.4	774
5	Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. Nature, 2014, 514, 92-97.	13.7	548
6	Multi-ancestry genome-wide association study of 21,000 cases and 95,000 controls identifies new risk loci for atopic dermatitis. Nature Genetics, 2015, 47, 1449-1456.	9.4	529
7	Thirty new loci for age at menarche identified by a meta-analysis of genome-wide association studies. Nature Genetics, 2010, 42, 1077-1085.	9.4	445
8	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. Nature Genetics, 2018, 50, 42-53.	9.4	426
9	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. PLoS Genetics, 2015, 11, e1005378.	1.5	331
10	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. American Journal of Human Genetics, 2018, 103, 691-706.	2.6	326
11	Increased body-mass index in patients with narcolepsy. Lancet, The, 2000, 355, 1274-1275.	6.3	319
12	Genetic Associations with Gestational Duration and Spontaneous Preterm Birth. New England Journal of Medicine, 2017, 377, 1156-1167.	13.9	309
13	Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. Human Molecular Genetics, 2016, 25, 389-403.	1.4	275
14	Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. Molecular Psychiatry, 2015, 20, 647-656.	4.1	235
15	Genetic Evidence for Causal Relationships Between Maternal Obesity-Related Traits and Birth Weight. JAMA - Journal of the American Medical Association, 2016, 315, 1129.	3.8	220
16	Melanocortin-4 Receptor Gene Variant I103 Is Negatively Associated with Obesity. American Journal of Human Genetics, 2004, 74, 572-581.	2.6	202
17	Melanocortin-4 Receptor Gene: Case-Control Study and Transmission Disequilibrium Test Confirm that Functionally Relevant Mutations Are Compatible with a Major Gene Effect for Extreme Obesity. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 4258-4267.	1.8	190
18	Directional dominance on stature and cognition inÂdiverse human populations. Nature, 2015, 523, 459-462.	13.7	173

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19	Genome-wide association study of offspring birth weight in 86â€‰577 women identifies five novel loci and highlights maternal genetic effects that are independent of fetal genetics. Human Molecular Genetics, 2018, 27, 742-756.	1.4	156
20	Acute and persistent symptoms in non-hospitalized PCR-confirmed COVID-19 patients. Scientific Reports, 2021, 11, 13153.	1.6	147
21	Common variants at 12q15 and 12q24 are associated with infant head circumference. Nature Genetics, 2012, 44, 532-538.	9.4	130
22	Common variants associated with general and MMR vaccineâ€“related febrile seizures. Nature Genetics, 2014, 46, 1274-1282.	9.4	128
23	Ghrelin Receptor Gene: Identification of Several Sequence Variants in Extremely Obese Children and Adolescents, Healthy Normal-Weight and Underweight Students, and Children with Short Normal Stature. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 157-162.	1.8	126
24	Male-pattern baldness susceptibility locus at 20p11. Nature Genetics, 2008, 40, 1282-1284.	9.4	118
25	Possible Genomic Imprinting of Three Human Obesityâ€“Related Genetic Loci. American Journal of Human Genetics, 2005, 76, 427-437.	2.6	111
26	A novel common variant in DCST2 is associated with length in early life and height in adulthood. Human Molecular Genetics, 2015, 24, 1155-1168.	1.4	109
27	Ghrelin Gene: Identification of Missense Variants and a Frameshift Mutation in Extremely Obese Children and Adolescents and Healthy Normal Weight Students. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 2716-2716.	1.8	105
28	Genetic predisposition to hypertension is associated with preeclampsia in European and Central Asian women. Nature Communications, 2020, 11, 5976.	5.8	102
29	Genome-wide association analyses identify variants in developmental genes associated with hypospadias. Nature Genetics, 2014, 46, 957-963.	9.4	97
30	Transmission disequilibrium of polymorphic variants in the tryptophan hydroxylase-2 gene in children and adolescents with obsessiveâ€“compulsive disorder. International Journal of Neuropsychopharmacology, 2006, 9, 437.	1.0	95
31	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. PLoS Genetics, 2020, 16, e1008718.	1.5	95
32	Six Novel Susceptibility Loci for Early-Onset Androgenetic Alopecia and Their Unexpected Association with Common Diseases. PLoS Genetics, 2012, 8, e1002746.	1.5	92
33	GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. Science Advances, 2019, 5, eaaw3095.	4.7	86
34	Genome-wide association study of primary tooth eruption identifies pleiotropic loci associated with height and craniofacial distances. Human Molecular Genetics, 2013, 22, 3807-3817.	1.4	84
35	Genome-wide association study identifies 48 common genetic variants associated with handedness. Nature Human Behaviour, 2021, 5, 59-70.	6.2	79
36	Prevalence of obesity in adolescent and young adult patients with and without schizophrenia and in relationship to antipsychotic medication. Journal of Psychiatric Research, 2001, 35, 339-345.	1.5	75

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37	Genome Scan for Childhood and Adolescent Obesity in German Families. Pediatrics, 2003, 111, 321-327.	1.0	74
38	CNV-association meta-analysis in 191,161 European adults reveals new loci associated with anthropometric traits. Nature Communications, 2017, 8, 744.	5.8	64
39	Shared genetic etiology between idiopathic pulmonary fibrosis and COVID-19 severity. EBioMedicine, 2021, 65, 103277.	2.7	63
40	Genetic variation in the 15q25 nicotinic acetylcholine receptor gene cluster (CHRNA5â€“CHRNA3â€“CHRNB4) interacts with maternal self-reported smoking status during pregnancy to influence birth weight. Human Molecular Genetics, 2012, 21, 5344-5358.	1.4	62
41	Independent Confirmation of a Major Locus for Obesity on Chromosome 10. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 2962-2965.	1.8	60
42	Dopamine receptor gene polymorphisms in Parkinson's disease patients reporting â€œsleep attacksâ€• Movement Disorders, 2004, 19, 1279-1284.	2.2	51
43	Variants in the fetal genome near pro-inflammatory cytokine genes on 2q13 associate with gestational duration. Nature Communications, 2019, 10, 3927.	5.8	49
44	Lack of Support for the Association between GAD2 Polymorphisms and Severe Human Obesity. PLoS Biology, 2005, 3, e315.	2.6	44
45	Genome-Wide Association Study Identifies Four Loci Associated with Eruption of Permanent Teeth. PLoS Genetics, 2011, 7, e1002275.	1.5	42
46	Ghrelin Gene: Identification of Missense Variants and a Frameshift Mutation in Extremely Obese Children and Adolescents and Healthy Normal Weight Students. , 0, .		42
47	Common variants near MBNL1 and NKX2-5 are associated with infantile hypertrophic pyloric stenosis. Nature Genetics, 2012, 44, 334-337.	9.4	40
48	Increased body mass index (BMI) in male narcoleptic patients, but not in HLA-DR2-positive healthy male volunteers. Sleep Medicine, 2002, 3, 335-339.	0.8	39
49	CPT1A Missense Mutation Associated With Fatty Acid Metabolism and Reduced Height in Greenlanders. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	37
50	Genome-wide Study Identifies Association between HLA-Bâˆ—55:01 and Self-Reported Penicillin Allergy. American Journal of Human Genetics, 2020, 107, 612-621.	2.6	34
51	Genome scan for body mass index and height in the Framingham Heart Study. BMC Genetics, 2003, 4, S91.	2.7	32
52	Consortium-based genome-wide meta-analysis for childhood dental caries traits. Human Molecular Genetics, 2018, 27, 3113-3127.	1.4	32
53	Common variants upstream of KDR encoding VEGFR2 and in TTC39B associate with endometriosis. Nature Communications, 2016, 7, 12350.	5.8	31
54	GSTP1 A1578G (Ile105Val) polymorphism in benzidine-exposed workers. Pharmacogenetics and Genomics, 2003, 13, 409-415.	5.7	30

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55	Brain-derived neurotrophic factor V66M polymorphism in childhood-onset obsessiveâ€“compulsive disorder. International Journal of Neuropsychopharmacology, 2005, 8, 133-136.	1.0	30
56	Genome-wide association study of febrile seizures implicates fever response and neuronal excitability genes. Brain, 2022, 145, 555-568.	3.7	29
57	The 103I Variant of the Melanocortin 4 Receptor Is Associated with Low Serum Triglyceride Levels. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 535-538.	1.8	28
58	Plasma Lipids, Genetic Variants NearAPOA1, and the Risk of Infantile Hypertrophic Pyloric Stenosis. JAMA - Journal of the American Medical Association, 2013, 310, 714.	3.8	27
59	X-Chromosomal Maternal and Fetal SNPs and the Risk of Spontaneous Preterm Delivery in a Danish/Norwegian Genome-Wide Association Study. PLoS ONE, 2013, 8, e61781.	1.1	27
60	Human Galanin (GAL) and Galanin 1 Receptor (GALR1) Variations Are Not Involved in Fat Intake and Early Onset Obesity. Journal of Nutrition, 2005, 135, 1387-1392.	1.3	25
61	Elevated Bladder Cancer Risk Due to Colorantsâ€”A Statewide Case-Control Study in North Rhine-Westphalia, Germany. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2008, 71, 851-855.	1.1	25
62	Genome-wide association study of Hirschsprung disease detects a novel low-frequency variant at the RET locus. European Journal of Human Genetics, 2018, 26, 561-569.	1.4	24
63	Addictions and their familiality in Iceland. Annals of the New York Academy of Sciences, 2010, 1187, 208-217.	1.8	22
64	No observed association for mitochondrial SNPs with preterm delivery and related outcomes. Pediatric Research, 2012, 72, 539-544.	1.1	22
65	Genome-wide association study identifies variants inHORMAD2associated with tonsillectomy. Journal of Medical Genetics, 2017, 54, 358-364.	1.5	22
66	Detection Rates for Genotyping Errors in SNPs Using the Trio Design. Human Heredity, 2002, 54, 111-117.	0.4	21
67	Evaluation of BMP4 and its specific inhibitor NOG as candidates in human neural tube defects (NTDs). European Journal of Human Genetics, 2002, 10, 753-756.	1.4	21
68	Genome-wide meta-analysis identifiesBARX1andEML4-MTA3as new loci associated with infantile hypertrophic pyloric stenosis. Human Molecular Genetics, 2019, 28, 332-340.	1.4	18
69	Glutathione transferase activities in renal carcinomas and adjacent normal renal tissues: factors influencing renal carcinogenesis induced by xenobiotics. Archives of Toxicology, 2001, 74, 688-694.	1.9	15
70	N-Acetyltransferase 1 in Colon and Rectal Cancer Cases from an Industrialized Area. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2008, 71, 902-905.	1.1	12
71	No evidence for involvement of the calpain-10 gene `high-risk' haplotype combination for non-insulin-dependent diabetes mellitus in early onset obesity. Molecular Genetics and Metabolism, 2002, 76, 152-156.	0.5	10
72	Glucose Transporter 4 Gene. Annals of the New York Academy of Sciences, 2002, 967, 554-557.	1.8	9

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73	Determination of NAT2 acetylation status in the Greenlandic population. Archives of Toxicology, 2016, 90, 883-889.	1.9	9
74	Comprehensive genome-wide association study of different forms of hernia identifies more than 80 associated loci. Nature Communications, 2022, 13, .	5.8	9
75	Bladder Cancer and Occupational Exposures in North Rhine-Westphalia, Germany. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2008, 71, 856-858.	1.1	8
76	Meeting report on the NIDDK/AUA Workshop on Congenital Anomalies of External Genitalia: challenges and opportunities for translational research. Journal of Pediatric Urology, 2020, 16, 791-804.	0.6	7
77	Serotonergic effects of clozapine and its metabolites in hippocampal HT22 cells. Psychiatry Research, 2002, 112, 221-229.	1.7	6
78	Study of correlation between the NAT2 phenotype and genotype status among Greenlandic Inuit. EXCLI Journal, 2018, 17, 1043-1053.	0.5	5
79	On the total expected study cost in two-stage genome-wide search designs for linkage analysis using the mean test for affected sib pairs. Genetic Epidemiology, 2001, 20, 397-400.	0.6	4
80	The Use of Sequential Designs in Genome Scans for Asthma Susceptibility Loci With Affected Sib Pairs. Genetic Epidemiology, 2001, 21, S49-54.	0.6	3
81	A Bivariate Hasemanâ€Elston Method and Application to the Analysis of Asthmaâ€Related Phenotypes on Chromosome 5q. Genetic Epidemiology, 2001, 21, S216-21.	0.6	3
82	Co-occurrence of infantile hypertrophic pyloric stenosis and congenital heart defects: a nationwide cohort study. Pediatric Research, 2019, 85, 955-960.	1.1	3
83	Integrating genetics with newborn metabolomics in infantile hypertrophic pyloric stenosis. Metabolomics, 2021, 17, 7.	1.4	3
84	N-Acetyltransferase 2 and GlutathioneS-Transferase M1 in Colon and Rectal Cancer Cases from an Industrialized Area. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2012, 75, 572-581.	1.1	1
85	Genetic regulation of spermine oxidase activity and cancer risk: a Mendelian randomization study. Scientific Reports, 2021, 11, 17463.	1.6	1