

Frank Geller

List of Publications by Year in Descending Order

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Version: 2024-04-20

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

86 papers	11,345 citations	38 h-index	92 g-index
92 ext. papers	14,007 ext. citations	13.6 avg, IF	4.26 L-index

#	Paper	IF	Citations
86	Genome-wide association study of febrile seizures implicates fever response and neuronal excitability genes.. <i>Brain</i> , 2022 ,	11.2	4
85	Acute and persistent symptoms in non-hospitalized PCR-confirmed COVID-19 patients. <i>Scientific Reports</i> , 2021 , 11, 13153	4.9	27
84	Genome-wide association study identifies 48 common genetic variants associated with handedness. <i>Nature Human Behaviour</i> , 2021 , 5, 59-70	12.8	33
83	Shared genetic etiology between idiopathic pulmonary fibrosis and COVID-19 severity. <i>EBioMedicine</i> , 2021 , 65, 103277	8.8	15
82	Genetic regulation of spermine oxidase activity and cancer risk: a Mendelian randomization study. <i>Scientific Reports</i> , 2021 , 11, 17463	4.9	0
81	Integrating genetics with newborn metabolomics in infantile hypertrophic pyloric stenosis. <i>Metabolomics</i> , 2021 , 17, 7	4.7	3
80	Genetic predisposition to hypertension is associated with preeclampsia in European and Central Asian women. <i>Nature Communications</i> , 2020 , 11, 5976	17.4	30
79	Meeting report on the NIDDK/AUA Workshop on Congenital Anomalies of External Genitalia: challenges and opportunities for translational research. <i>Journal of Pediatric Urology</i> , 2020 , 16, 791-804	1.5	1
78	Genome-wide Study Identifies Association between HLA-B55:01 and Self-Reported Penicillin Allergy. <i>American Journal of Human Genetics</i> , 2020 , 107, 612-621	11	17
77	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. <i>PLoS Genetics</i> , 2020 , 16, e1008718	6	25
76	GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. <i>Science Advances</i> , 2019 , 5, eaaw3095	14.3	39
75	Variants in the fetal genome near pro-inflammatory cytokine genes on 2q13 associate with gestational duration. <i>Nature Communications</i> , 2019 , 10, 3927	17.4	21
74	Co-occurrence of infantile hypertrophic pyloric stenosis and congenital heart defects: a nationwide cohort study. <i>Pediatric Research</i> , 2019 , 85, 955-960	3.2	2
73	Genome-wide meta-analysis identifies BARX1 and EML4-MTA3 as new loci associated with infantile hypertrophic pyloric stenosis. <i>Human Molecular Genetics</i> , 2019 , 28, 332-340	5.6	10
72	Genome-wide association study of offspring birth weight in 86 577 women identifies five novel loci and highlights maternal genetic effects that are independent of fetal genetics. <i>Human Molecular Genetics</i> , 2018 , 27, 742-756	5.6	98
71	Genome-wide association study of Hirschsprung disease detects a novel low-frequency variant at the RET locus. <i>European Journal of Human Genetics</i> , 2018 , 26, 561-569	5.3	11
70	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. <i>Nature Genetics</i> , 2018 , 50, 42-53	36.3	246

69	Consortium-based genome-wide meta-analysis for childhood dental caries traits. <i>Human Molecular Genetics</i> , 2018 , 27, 3113-3127	5.6	20
68	Study of correlation between the NAT2 phenotype and genotype status among Greenlandic Inuit. <i>EXCLI Journal</i> , 2018 , 17, 1043-1053	2.4	3
67	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. <i>American Journal of Human Genetics</i> , 2018 , 103, 691-706	11	151
66	Genome-wide association study identifies variants in associated with tonsillectomy. <i>Journal of Medical Genetics</i> , 2017 , 54, 358-364	5.8	12
65	Missense Mutation Associated With Fatty Acid Metabolism and Reduced Height in Greenlanders. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10,		19
64	CNV-association meta-analysis in 191,161 European adults reveals new loci associated with anthropometric traits. <i>Nature Communications</i> , 2017 , 8, 744	17.4	37
63	Genetic Associations with Gestational Duration and Spontaneous Preterm Birth. <i>New England Journal of Medicine</i> , 2017 , 377, 1156-1167	59.2	183
62	Determination of NAT2 acetylation status in the Greenlandic population. <i>Archives of Toxicology</i> , 2016 , 90, 883-9	5.8	6
61	Common variants upstream of KDR encoding VEGFR2 and in TTC39B associate with endometriosis. <i>Nature Communications</i> , 2016 , 7, 12350	17.4	26
60	Genetic Evidence for Causal Relationships Between Maternal Obesity-Related Traits and Birth Weight. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 315, 1129-40	27.4	149
59	Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. <i>Human Molecular Genetics</i> , 2016 , 25, 389-403	5.6	202
58	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015 , 523, 459-463	50.4	119
57	Multi-ancestry genome-wide association study of 21,000 cases and 95,000 controls identifies new risk loci for atopic dermatitis. <i>Nature Genetics</i> , 2015 , 47, 1449-1456	36.3	329
56	A novel common variant in DCST2 is associated with length in early life and height in adulthood. <i>Human Molecular Genetics</i> , 2015 , 24, 1155-68	5.6	77
55	Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. <i>Molecular Psychiatry</i> , 2015 , 20, 647-656	15.1	167
54	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , 2015 , 11, e1005378	6	220
53	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015 , 518, 197-206	50.4	2687
52	Common variants associated with general and MMR vaccine-related febrile seizures. <i>Nature Genetics</i> , 2014 , 46, 1274-82	36.3	102

51	Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. <i>Nature</i> , 2014 , 514, 92-97	50.4	401
50	Genome-wide association analyses identify variants in developmental genes associated with hypospadias. <i>Nature Genetics</i> , 2014 , 46, 957-63	36.3	81
49	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014 , 46, 1173-86	36.3	1339
48	Plasma lipids, genetic variants near APOA1, and the risk of infantile hypertrophic pyloric stenosis. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 310, 714-21	27.4	21
47	Genome-wide association study of primary tooth eruption identifies pleiotropic loci associated with height and craniofacial distances. <i>Human Molecular Genetics</i> , 2013 , 22, 3807-17	5.6	57
46	X-chromosomal maternal and fetal SNPs and the risk of spontaneous preterm delivery in a Danish/Norwegian genome-wide association study. <i>PLoS ONE</i> , 2013 , 8, e61781	3.7	24
45	N-Acetyltransferase 2 and glutathione s-transferase M1 in colon and rectal cancer cases from an industrialized area. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2012 , 75, 572-81	3.2	0
44	No observed association for mitochondrial SNPs with preterm delivery and related outcomes. <i>Pediatric Research</i> , 2012 , 72, 539-44	3.2	20
43	Common variants near MBNL1 and NKX2-5 are associated with infantile hypertrophic pyloric stenosis. <i>Nature Genetics</i> , 2012 , 44, 334-7	36.3	33
42	Six novel susceptibility Loci for early-onset androgenetic alopecia and their unexpected association with common diseases. <i>PLoS Genetics</i> , 2012 , 8, e1002746	6	70
41	Common variants at 12q15 and 12q24 are associated with infant head circumference. <i>Nature Genetics</i> , 2012 , 44, 532-538	36.3	94
40	Genetic variation in the 15q25 nicotinic acetylcholine receptor gene cluster (CHRNA5-CHRNA3-CHRNA4) interacts with maternal self-reported smoking status during pregnancy to influence birth weight. <i>Human Molecular Genetics</i> , 2012 , 21, 5344-58	5.6	50
39	Genome-wide association study identifies four loci associated with eruption of permanent teeth. <i>PLoS Genetics</i> , 2011 , 7, e1002275	6	18
38	Thirty new loci for age at menarche identified by a meta-analysis of genome-wide association studies. <i>Nature Genetics</i> , 2010 , 42, 1077-85	36.3	372
37	Addictions and their familiarity in Iceland. <i>Annals of the New York Academy of Sciences</i> , 2010 , 1187, 208-17	17.5	21
36	A variant associated with nicotine dependence, lung cancer and peripheral arterial disease. <i>Nature</i> , 2008 , 452, 638-642	50.4	1239
35	Male-pattern baldness susceptibility locus at 20p11. <i>Nature Genetics</i> , 2008 , 40, 1282-4	36.3	93
34	Bladder cancer and occupational exposures in North Rhine-Westphalia, Germany. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2008 , 71, 856-8	3.2	7

33	N-acetyltransferase 1 in colon and rectal cancer cases from an industrialized area. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2008 , 71, 902-5	3.2	12
32	Elevated bladder cancer risk due to colorants--a statewide case-control study in North Rhine-Westphalia, Germany. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2008 , 71, 851-5	3.2	21
31	Common variants on chromosomes 2q35 and 16q12 confer susceptibility to estrogen receptor-positive breast cancer. <i>Nature Genetics</i> , 2007 , 39, 865-9	36.3	715
30	The 103I variant of the melanocortin 4 receptor is associated with low serum triglyceride levels. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 535-8	5.6	28
29	Transmission disequilibrium of polymorphic variants in the tryptophan hydroxylase-2 gene in children and adolescents with obsessive-compulsive disorder. <i>International Journal of Neuropsychopharmacology</i> , 2006 , 9, 437-42	5.8	83
28	Glucose Transporter 4 Gene. <i>Annals of the New York Academy of Sciences</i> , 2006 , 967, 554-557	6.5	5
27	Possible genomic imprinting of three human obesity-related genetic loci. <i>American Journal of Human Genetics</i> , 2005 , 76, 427-37	11	97
26	Brain-derived neurotrophic factor V66M polymorphism in childhood-onset obsessive-compulsive disorder. <i>International Journal of Neuropsychopharmacology</i> , 2005 , 8, 133-6	5.8	25
25	Human galanin (GAL) and galanin 1 receptor (GALR1) variations are not involved in fat intake and early onset obesity. <i>Journal of Nutrition</i> , 2005 , 135, 1387-92	4.1	20
24	Lack of support for the association between GAD2 polymorphisms and severe human obesity. <i>PLoS Biology</i> , 2005 , 3, e315	9.7	38
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. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 157-62	5.6	115
22	Dopamine receptor gene polymorphisms in Parkinson's disease patients reporting "sleep attacks". <i>Movement Disorders</i> , 2004 , 19, 1279-84	7	45
21	Melanocortin-4 receptor gene variant I103 is negatively associated with obesity. <i>American Journal of Human Genetics</i> , 2004 , 74, 572-81	11	178
20	GSTP1 A1578G (Ile105Val) polymorphism in benzidine-exposed workers: an association with cytological grading of exfoliated urothelial cells. <i>Pharmacogenetics and Genomics</i> , 2003 , 13, 409-15		27
19	Genome scan for body mass index and height in the Framingham Heart Study. <i>BMC Genetics</i> , 2003 , 4 Suppl 1, S91	2.6	26
18	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. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 4258-67	5.6	169
17	Genome scan for childhood and adolescent obesity in German families. <i>Pediatrics</i> , 2003 , 111, 321-7	7.4	67
16	Evaluation of BMP4 and its specific inhibitor NOG as candidates in human neural tube defects (NTDs). <i>European Journal of Human Genetics</i> , 2002 , 10, 753-6	5.3	20

15	Detection rates for genotyping errors in SNPs using the trio design. <i>Human Heredity</i> , 2002 , 54, 111-7	1.1	18
14	Ghrelin gene: identification of missense variants and a frameshift mutation in extremely obese children and adolescents and healthy normal weight students. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 2716	5.6	86
13	Serotonergic effects of clozapine and its metabolites in hippocampal HT22 cells. <i>Psychiatry Research</i> , 2002 , 112, 221-9	9.9	4
12	No evidence for involvement of the calpain-10 gene \$high-riskShaplotype combination for non-insulin-dependent diabetes mellitus in early onset obesity. <i>Molecular Genetics and Metabolism</i> , 2002 , 76, 152-6	3.7	8
11	Increased body mass index (BMI) in male narcoleptic patients, but not in HLA-DR2-positive healthy male volunteers. <i>Sleep Medicine</i> , 2002 , 3, 335-9	4.6	36
10	The use of sequential designs in genome scans for asthma susceptibility loci with affected sib pairs. <i>Genetic Epidemiology</i> , 2001 , 21 Suppl 1, S49-54	2.6	2
9	A bivariate Haseman-Elston method and application to the analysis of asthma-related phenotypes on chromosome 5q. <i>Genetic Epidemiology</i> , 2001 , 21 Suppl 1, S216-21	2.6	2
8	Glutathione transferase activities in renal carcinomas and adjacent normal renal tissues: factors influencing renal carcinogenesis induced by xenobiotics. <i>Archives of Toxicology</i> , 2001 , 74, 688-94	5.8	15
7	On the total expected study cost in two-stage genome-wide search designs for linkage analysis using the mean test for affected sib pairs. <i>Genetic Epidemiology</i> , 2001 , 20, 397-400	2.6	4
6	Prevalence of obesity in adolescent and young adult patients with and without schizophrenia and in relationship to antipsychotic medication. <i>Journal of Psychiatric Research</i> , 2001 , 35, 339-45	5.2	62
5	Independent confirmation of a major locus for obesity on chromosome 10. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 2962-5	5.6	54
4	Increased body-mass index in patients with narcolepsy. <i>Lancet, The</i> , 2000 , 355, 1274-5	4.0	289
3	Ghrelin Gene: Identification of Missense Variants and a Frameshift Mutation in Extremely Obese Children and Adolescents and Healthy Normal Weight Students		38
2	Genome-wide study identifies association between HLA-B*55:01 and penicillin allergy		2
1	Genome-wide association study of febrile seizures identifies seven new loci implicating fever response and neuronal excitability genes		2