

# Gu Zhu

## List of Publications by Year in descending order

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52  
papers

2,825  
citations

201674

27  
h-index

206112

48  
g-index

57  
all docs

57  
docs citations

57  
times ranked

6599  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	6.2	326
2	Genome-wide association study identifies 143 loci associated with 25 hydroxyvitamin D concentration. <i>Nature Communications</i> , 2020, 11, 1647.	12.8	211
3	Genome-wide association study identifies novel genetic variants contributing to variation in blood metabolite levels. <i>Nature Communications</i> , 2015, 6, 7208.	12.8	178
4	Digital Quantification of Human Eye Color Highlights Genetic Association of Three New Loci. <i>PLoS Genetics</i> , 2010, 6, e1000934.	3.5	161
5	Genetics of skin color variation in Europeans: genome-wide association studies with functional follow-up. <i>Human Genetics</i> , 2015, 134, 823-835.	3.8	133
6	A Genetic Basis for Social Trust?. <i>Political Behavior</i> , 2010, 32, 205-230.	2.7	123
7	Trans-ethnic kidney function association study reveals putative causal genes and effects on kidney-specific disease aetiologies. <i>Nature Communications</i> , 2019, 10, 29.	12.8	113
8	Genetic and environmental contributions to size, color, shape, and other characteristics of melanocytic naevi in a sample of adolescent twins. , 1999, 16, 40-53.		96
9	A Genome Scan for Eye Color in 502 Twin Families: Most Variation is due to a QTL on Chromosome 15q. <i>Twin Research and Human Genetics</i> , 2004, 7, 197-210.	1.0	91
10	Novel pleiotropic risk loci for melanoma and nevus density implicate multiple biological pathways. <i>Nature Communications</i> , 2018, 9, 4774.	12.8	87
11	Genome-wide association meta-analysis of individuals of European ancestry identifies new loci explaining a substantial fraction of hair color variation and heritability. <i>Nature Genetics</i> , 2018, 50, 652-656.	21.4	86
12	Genome-wide association study in 176,678 Europeans reveals genetic loci for tanning response to sun exposure. <i>Nature Communications</i> , 2018, 9, 1684.	12.8	80
13	A genome-wide scan for naevus count: linkage to CDKN2A and to other chromosome regions. <i>European Journal of Human Genetics</i> , 2007, 15, 94-102.	2.8	73
14	Trans-ethnic Fine Mapping Highlights Kidney-Function Genes Linked to Salt Sensitivity. <i>American Journal of Human Genetics</i> , 2016, 99, 636-646.	6.2	67
15	A Genome Scan for Eye Color in 502 Twin Families: Most Variation is due to a QTL on Chromosome 15q. <i>Twin Research and Human Genetics</i> , 2004, 7, 197-210.	1.0	62
16	GWAS Findings for Human Iris Patterns: Associations with Variants in Genes that Influence Normal Neuronal Pattern Development. <i>American Journal of Human Genetics</i> , 2011, 89, 334-343.	6.2	59
17	Novel genetic loci affecting facial shape variation in humans. <i>ELife</i> , 2019, 8, .	6.0	58
18	New insight into human sweet taste: a genome-wide association study of the perception and intake of sweet substances. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 1724-1737.	4.7	53

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19	Meta-analysis of genome-wide association studies identifies 8 novel loci involved in shape variation of human head hair. <i>Human Molecular Genetics</i> , 2018, 27, 559-575.	2.9	51
20	Genetic Dissection of Myopia. <i>Ophthalmology</i> , 2008, 115, 1053-1057.e2.	5.2	48
21	Genome-Wide Association Shows that Pigmentation Genes Play a Role in Skin Aging. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1887-1894.	0.7	48
22	Genome-wide association meta-analysis of nicotine metabolism and cigarette consumption measures in smokers of European descent. <i>Molecular Psychiatry</i> , 2021, 26, 2212-2223.	7.9	45
23	Genetic loci for Epstein-Barr virus nuclear antigen-1 are associated with risk of multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2016, 22, 1655-1664.	3.0	44
24	Genomewide Association Study of Alcohol Dependence Identifies Risk Loci Altering Ethanol Response Behaviors in Model Organisms. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 911-928.	2.4	43
25	Choice of Residential Location: Chance, Family Influences, or Genes?. <i>Twin Research and Human Genetics</i> , 2005, 8, 22-26.	0.6	41
26	Retinal microvessels reflect familial vulnerability to psychotic symptoms: A comparison of twins discordant for psychotic symptoms and controls. <i>Schizophrenia Research</i> , 2015, 164, 47-52.	2.0	41
27	Genome-wide association study in almost 195,000 individuals identifies 50 previously unidentified genetic loci for eye color. <i>Science Advances</i> , 2021, 7, .	10.3	36
28	Does shared genetic risk contribute to the co-occurrence of eating disorders and suicidality?. <i>International Journal of Eating Disorders</i> , 2015, 48, 684-691.	4.0	34
29	Hair Cortisol and Its Association With Psychological Risk Factors for Psychiatric Disorders: A Pilot Study in Adolescent Twins. <i>Twin Research and Human Genetics</i> , 2016, 19, 438-446.	0.6	31
30	Genome-wide association study of blood lead shows multiple associations near ALAD. <i>Human Molecular Genetics</i> , 2015, 24, 3871-3879.	2.9	28
31	Genetic and Non-Genetic Factors Affecting Birth-Weight and Adult Body Mass Index. <i>Twin Research and Human Genetics</i> , 2001, 4, 365-370.	1.0	26
32	Is the Association Between Sweet and Bitter Perception due to Genetic Variation?. <i>Chemical Senses</i> , 2016, 41, 737-744.	2.0	21
33	Genetic and Non-Genetic Factors Affecting Birth-Weight and Adult Body Mass Index. <i>Twin Research and Human Genetics</i> , 2001, 4, 365-370.	1.0	20
34	Genome-wide compound heterozygote analysis highlights alleles associated with adult height in Europeans. <i>Human Genetics</i> , 2017, 136, 1407-1417.	3.8	19
35	Low Birth Weight in MZ Twins Discordant for Birth Weight is Associated with Shorter Telomere Length and lower IQ, but not Anxiety/Depression in Later Life. <i>Twin Research and Human Genetics</i> , 2015, 18, 198-209.	0.6	17
36	Genome-Wide Association Studies Identify Multiple Genetic Loci Influencing Eyebrow Color Variation in Europeans. <i>Journal of Investigative Dermatology</i> , 2019, 139, 1601-1605.	0.7	17

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37	Bivariate genome-wide association analysis strengthens the role of bitter receptor clusters on chromosomes 7 and 12 in human bitter taste. <i>BMC Genomics</i> , 2018, 19, 678.	2.8	16
38	Heritability and GWAS Analyses of Acne in Australian Adolescent Twins. <i>Twin Research and Human Genetics</i> , 2017, 20, 541-549.	0.6	15
39	Half the Genetic Variance in Vitamin D Concentration is Shared with Skin Colour and Sun Exposure Genes. <i>Behavior Genetics</i> , 2019, 49, 386-398.	2.1	15
40	Biomarker and Genomic Risk Factors for Liver Function Test Abnormality in Hazardous Drinkers. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 473-482.	2.4	15
41	Epigenome-Wide Association Study of Thyroid Function Traits Identifies Novel Associations of <i>FT3</i> With <i>KLF9</i> and <i>DOT1L</i> . <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e2191-e2202.	3.6	14
42	Candidate genes for novelty-seeking. <i>Psychiatric Genetics</i> , 2018, 28, 97-109.	1.1	13
43	Pessimism is associated with greater all-cause and cardiovascular mortality, but optimism is not protective. <i>Scientific Reports</i> , 2020, 10, 12609.	3.3	13
44	Linkage and Association Analysis of Radiation Damage Repair Genes <i>XRCC3</i> and <i>XRCC5</i> with Nevus Density in Adolescent Twins. <i>Twin Research and Human Genetics</i> , 2003, 6, 315-321.	1.0	10
45	Fine mapping the CETP region reveals a common intronic insertion associated to HDL-C. <i>Npj Aging and Mechanisms of Disease</i> , 2015, 1, 15011.	4.5	8
46	A Twin Study of Breastfeeding With a Preliminary Genome-Wide Association Scan. <i>Twin Research and Human Genetics</i> , 2015, 18, 61-72.	0.6	7
47	Genome-wide analysis of thyroid function in Australian adolescents highlights <i>SERPINA7</i> and <i>NCOA3</i> . <i>European Journal of Endocrinology</i> , 2021, 185, 743-753.	3.7	5
48	Comparison of Genome-Wide Association Scans for Quantitative and Observational Measures of Human Hair Curvature. <i>Twin Research and Human Genetics</i> , 2020, 23, 271-277.	0.6	3
49	Linkage and Association Analysis of Radiation Damage Repair Genes <i>XRCC3</i> and <i>XRCC5</i> with Nevus Density in Adolescent Twins. <i>Twin Research and Human Genetics</i> , 2003, 6, 315-321.	1.0	3
50	Antibody response to common human viruses is shaped by genetic factors. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1640-1643.	2.9	2
51	The Relationship Between Adolescents' Personality and Neurasthenia: A Comparison of Australian and Chinese. <i>Journal of Early Adolescence</i> , 2019, 39, 1337-1342.	1.9	0
52	Gene Discovery Using Twins. <i>Twin Research and Human Genetics</i> , 2020, 23, 90-93.	0.6	0