

Gail Davies

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

15,506
citations

57631

44
h-index

60497

81
g-index

86
all docs

86
docs citations

86
times ranked

21647
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic variants associated with longitudinal changes in brain structure across the lifespan. <i>Nature Neuroscience</i> , 2022, 25, 421-432.	7.1	75
2	Markers of kidney function, genetic variation related to cognitive function, and cognitive performance in the UK Biobank. <i>BMC Nephrology</i> , 2022, 23, 159.	0.8	2
3	Genetic and shared couple environmental contributions to smoking and alcohol use in the UK population. <i>Molecular Psychiatry</i> , 2021, 26, 4344-4354.	4.1	10
4	The influence of X chromosome variants on trait neuroticism. <i>Molecular Psychiatry</i> , 2021, 26, 483-491.	4.1	17
5	Genome-wide association study identifies 48 common genetic variants associated with handedness. <i>Nature Human Behaviour</i> , 2021, 5, 59-70.	6.2	79
6	Identifying nootropic drug targets via large-scale cognitive GWAS and transcriptomics. <i>Neuropsychopharmacology</i> , 2021, 46, 1788-1801.	2.8	12
7	Genome-wide association studies identify 137 genetic loci for DNA methylation biomarkers of aging. <i>Genome Biology</i> , 2021, 22, 194.	3.8	90
8	Genome-wide analysis of gene dosage in 24,092 individuals estimates that 10,000 genes modulate cognitive ability. <i>Molecular Psychiatry</i> , 2021, 26, 2663-2676.	4.1	33
9	Association of low-frequency and rare coding variants with information processing speed. <i>Translational Psychiatry</i> , 2021, 11, 613.	2.4	2
10	Polygenic predictors of age-related decline in cognitive ability. <i>Molecular Psychiatry</i> , 2020, 25, 2584-2598.	4.1	38
11	Genetic contributions to two special factors of neuroticism are associated with affluence, higher intelligence, better health, and longer life. <i>Molecular Psychiatry</i> , 2020, 25, 3034-3052.	4.1	60
12	Genetic stratification of depression by neuroticism: revisiting a diagnostic tradition. <i>Psychological Medicine</i> , 2020, 50, 2526-2535.	2.7	27
13	Pleiotropic Meta-Analysis of Cognition, Education, and Schizophrenia Differentiates Roles of Early Neurodevelopmental and Adult Synaptic Pathways. <i>American Journal of Human Genetics</i> , 2019, 105, 334-350.	2.6	86
14	Predicting incident dementia 3-8 years after brief cognitive tests in the UK Biobank prospective study of 500,000 people. <i>Alzheimer's and Dementia</i> , 2019, 15, 1546-1557.	0.4	28
15	Genetic Contributions to Health Literacy. <i>Twin Research and Human Genetics</i> , 2019, 22, 131-139.	0.3	0
16	Sex-specific moderation by lifestyle and psychosocial factors on the genetic contributions to adiposity in 112,151 individuals from UK Biobank. <i>Scientific Reports</i> , 2019, 9, 363.	1.6	6
17	Sleep and cognitive aging in the eighth decade of life. <i>Sleep</i> , 2019, 42, .	0.6	32
18	Impact of Polygenic Risk for Schizophrenia on Cortical Structure in UK Biobank. <i>Biological Psychiatry</i> , 2019, 86, 536-544.	0.7	62

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19	Genome-wide analysis identifies molecular systems and 149 genetic loci associated with income. <i>Nature Communications</i> , 2019, 10, 5741.	5.8	110
20	Associations of Mitochondrial and Nuclear Mitochondrial Variants and Genes with Seven Metabolic Traits. <i>American Journal of Human Genetics</i> , 2019, 104, 112-138.	2.6	106
21	Genome-Wide Association Study Meta-Analysis of the Alcohol Use Disorders Identification Test (AUDIT) in Two Population-Based Cohorts. <i>American Journal of Psychiatry</i> , 2019, 176, 107-118.	4.0	326
22	Genome-wide meta-analysis of depression identifies 102 independent variants and highlights the importance of the prefrontal brain regions. <i>Nature Neuroscience</i> , 2019, 22, 343-352.	7.1	1,589
23	Genome-wide association study of depression phenotypes in UK Biobank identifies variants in excitatory synaptic pathways. <i>Nature Communications</i> , 2018, 9, 1470.	5.8	415
24	Association analysis in over 329,000 individuals identifies 116 independent variants influencing neuroticism. <i>Nature Genetics</i> , 2018, 50, 6-11.	9.4	327
25	Genome-wide meta-analyses of stratified depression in Generation Scotland and UK Biobank. <i>Translational Psychiatry</i> , 2018, 8, 9.	2.4	66
26	Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression. <i>Nature Genetics</i> , 2018, 50, 668-681.	9.4	2,224
27	Identification of a novel locus on chromosome 2q13, which predisposes to clinical vertebral fractures independently of bone density. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, 378-385.	0.5	21
28	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. <i>Nature Genetics</i> , 2018, 50, 1412-1425.	9.4	924
29	Enrichment of genetic markers of recent human evolution in educational and cognitive traits. <i>Scientific Reports</i> , 2018, 8, 12585.	1.6	9
30	Addendum: Genome-wide association study of depression phenotypes in UK Biobank identifies variants in excitatory synaptic pathways. <i>Nature Communications</i> , 2018, 9, 3578.	5.8	16
31	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018, 9, 2098.	5.8	484
32	GWAS on family history of Alzheimer's disease. <i>Translational Psychiatry</i> , 2018, 8, 99.	2.4	406
33	Genome-wide association meta-analysis in 269,867 individuals identifies new genetic and functional links to intelligence. <i>Nature Genetics</i> , 2018, 50, 912-919.	9.4	893
34	DNA sequence-level analyses reveal potential phenotypic modifiers in a large family with psychiatric disorders. <i>Molecular Psychiatry</i> , 2018, 23, 2254-2265.	4.1	19
35	Meta-analysis of exome array data identifies six novel genetic loci for lung function. <i>Wellcome Open Research</i> , 2018, 3, 4.	0.9	19
36	Molecular genetic contributions to self-rated health. <i>International Journal of Epidemiology</i> , 2017, 46, dyw219.	0.9	39

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37	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017, 542, 186-190.	13.7	544
38	Exome-wide association study of plasma lipids in >300,000 individuals. <i>Nature Genetics</i> , 2017, 49, 1758-1766.	9.4	470
39	Identification of Genetic Loci Jointly Influencing Schizophrenia Risk and the Cognitive Traits of Verbal-Numerical Reasoning, Reaction Time, and General Cognitive Function. <i>JAMA Psychiatry</i> , 2017, 74, 1065.	6.0	123
40	Single Nucleotide Polymorphisms Associated with Reading Ability Show Connection to Socio-Economic Outcomes. <i>Behavior Genetics</i> , 2017, 47, 469-479.	1.4	13
41	Large-Scale Cognitive GWAS Meta-Analysis Reveals Tissue-Specific Neural Expression and Potential Nootropic Drug Targets. <i>Cell Reports</i> , 2017, 21, 2597-2613.	2.9	103
42	Genetic prediction of male pattern baldness. <i>PLoS Genetics</i> , 2017, 13, e1006594.	1.5	89
43	The complex genetics of gait speed: genome-wide meta-analysis approach. <i>Aging</i> , 2017, 9, 209-246.	1.4	21
44	Personality Polygenes, Positive Affect, and Life Satisfaction. <i>Twin Research and Human Genetics</i> , 2016, 19, 407-417.	0.3	16
45	Ageing and brain white matter structure in 3,513 UK Biobank participants. <i>Nature Communications</i> , 2016, 7, 13629.	5.8	373
46	Genetic variants associated with subjective well-being, depressive symptoms, and neuroticism identified through genome-wide analyses. <i>Nature Genetics</i> , 2016, 48, 624-633.	9.4	870
47	Alzheimer disease genetic risk factor <i>APOE</i> ϵ 4 and cognitive abilities in 111,739 UK Biobank participants. <i>Age and Ageing</i> , 2016, 45, 511-517.	0.7	45
48	Genome-wide association study identifies 74 loci associated with educational attainment. <i>Nature</i> , 2016, 533, 539-542.	13.7	1,204
49	GWAS analysis of handgrip and lower body strength in older adults in the CHARGE consortium. <i>Aging Cell</i> , 2016, 15, 792-800.	3.0	51
50	Molecular Genetic Contributions to Social Deprivation and Household Income in UK Biobank. <i>Current Biology</i> , 2016, 26, 3083-3089.	1.8	177
51	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , 2016, 48, 1462-1472.	9.4	284
52	Genetic variants linked to education predict longevity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13366-13371.	3.3	110
53	Polygenic risk for coronary artery disease is associated with cognitive ability in older adults. <i>International Journal of Epidemiology</i> , 2016, 45, 433-440.	0.9	16
54	Systems genetics identifies a convergent gene network for cognition and neurodevelopmental disease. <i>Nature Neuroscience</i> , 2016, 19, 223-232.	7.1	131

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55	Age-Dependent Pleiotropy Between General Cognitive Function and Major Psychiatric Disorders. <i>Biological Psychiatry</i> , 2016, 80, 266-273.	0.7	71
56	Meta-analysis of Genome-Wide Association Studies for Extraversion: Findings from the Genetics of Personality Consortium. <i>Behavior Genetics</i> , 2016, 46, 170-182.	1.4	178
57	Genome-wide association studies identify genetic loci for low von Willebrand factor levels. <i>European Journal of Human Genetics</i> , 2016, 24, 1035-1040.	1.4	45
58	Genetic and Environmental Risk for Chronic Pain and the Contribution of Risk Variants for Major Depressive Disorder: A Family-Based Mixed-Model Analysis. <i>PLoS Medicine</i> , 2016, 13, e1002090.	3.9	60
59	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
60	Independent evidence for an association between general cognitive ability and a genetic locus for educational attainment. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2015, 168, 363-373.	1.1	25
61	Meta-analysis of Genome-wide Association Studies for Neuroticism, and the Polygenic Association With Major Depressive Disorder. <i>JAMA Psychiatry</i> , 2015, 72, 642.	6.0	289
62	Trans-ancestry genome-wide association study identifies 12 genetic loci influencing blood pressure and implicates a role for DNA methylation. <i>Nature Genetics</i> , 2015, 47, 1282-1293.	9.4	294
63	Genome-wide Studies of Verbal Declarative Memory in Nondemented Older People: The Cohorts for Heart and Aging Research in Genomic Epidemiology Consortium. <i>Biological Psychiatry</i> , 2015, 77, 749-763.	0.7	67
64	Modulation of Genetic Associations with Serum Urate Levels by Body-Mass-Index in Humans. <i>PLoS ONE</i> , 2015, 10, e0119752.	1.1	64
65	Genetic Basis of a Cognitive Complexity Metric. <i>PLoS ONE</i> , 2015, 10, e0123886.	1.1	22
66	Large-Scale Genome-Wide Association Studies and Meta-Analyses of Longitudinal Change in Adult Lung Function. <i>PLoS ONE</i> , 2014, 9, e100776.	1.1	52
67	No Evidence for Genome-Wide Interactions on Plasma Fibrinogen by Smoking, Alcohol Consumption and Body Mass Index: Results from Meta-Analyses of 80,607 Subjects. <i>PLoS ONE</i> , 2014, 9, e111156.	1.1	8
68	Polygenic Risk for Alzheimer's Disease is not Associated with Cognitive Ability or Cognitive Aging in Non-Demented Older People. <i>Journal of Alzheimer's Disease</i> , 2014, 39, 565-574.	1.2	63
69	Common genetic variants associated with cognitive performance identified using the proxy-phenotype method. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13790-13794.	3.3	244
70	Genetic diversity is a predictor of mortality in humans. <i>BMC Genetics</i> , 2014, 15, 159.	2.7	12
71	Association of Low-Frequency and Rare Coding-Sequence Variants with Blood Lipids and Coronary Heart Disease in 56,000 Whites and Blacks. <i>American Journal of Human Genetics</i> , 2014, 94, 223-232.	2.6	287
72	Genome-wide association analysis identifies six new loci associated with forced vital capacity. <i>Nature Genetics</i> , 2014, 46, 669-677.	9.4	131

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73	Molecular genetic contributions to socioeconomic status and intelligence. <i>Intelligence</i> , 2014, 44, 26-32.	1.6	156
74	Functional Gene Group Analysis Indicates No Role for Heterotrimeric G Proteins in Cognitive Ability. <i>PLoS ONE</i> , 2014, 9, e91690.	1.1	3
75	Complex Variation in Measures of General Intelligence and Cognitive Change. <i>PLoS ONE</i> , 2013, 8, e81189.	1.1	7
76	Whole genome association scan for genetic polymorphisms influencing information processing speed. <i>Biological Psychology</i> , 2011, 86, 193-202.	1.1	70