

# Antony Payton

## List of Publications by Year in descending order

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Version: 2024-02-01

73  
papers

5,490  
citations

159573

30  
h-index

98792

67  
g-index

76  
all docs

76  
docs citations

76  
times ranked

9950  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide association study identifies 74 loci associated with educational attainment. <i>Nature</i> , 2016, 533, 539-542.	27.8	1,204
2	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.	21.4	893
3	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018, 9, 2098.	12.8	484
4	Genome-wide association meta-analysis of 78,308 individuals identifies new loci and genes influencing human intelligence. <i>Nature Genetics</i> , 2017, 49, 1107-1112.	21.4	425
5	Type 2 Diabetes Whole-Genome Association Study in Four Populations: The DiaGen Consortium. <i>American Journal of Human Genetics</i> , 2007, 81, 338-345.	6.2	172
6	Joint Analysis of the DRD5 Marker Concludes Association with Attention-Deficit/Hyperactivity Disorder Confined to the Predominantly Inattentive and Combined Subtypes. <i>American Journal of Human Genetics</i> , 2004, 74, 348-356.	6.2	168
7	CNR1 Gene is Associated with High Neuroticism and Low Agreeableness and Interacts with Recent Negative Life Events to Predict Current Depressive Symptoms. <i>Neuropsychopharmacology</i> , 2009, 34, 2019-2027.	5.4	153
8	The CREB1-BDNF-NTRK2 Pathway in Depression: Multiple Gene-Cognition-Environment Interactions. <i>Biological Psychiatry</i> , 2011, 69, 762-771.	1.3	142
9	Genome-wide meta-analysis associates HLA-DQA1/DRB1 and LPA and lifestyle factors with human longevity. <i>Nature Communications</i> , 2017, 8, 910.	12.8	118
10	Examining for association between candidate gene polymorphisms in the dopamine pathway and attention-deficit hyperactivity disorder: A family-based study. <i>American Journal of Medical Genetics Part A</i> , 2001, 105, 464-470.	2.4	112
11	Genome-wide association study meta-analysis of chronic widespread pain: evidence for involvement of the 5p15.2 region. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 427-436.	0.9	112
12	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.	7.1	110
13	Large-Scale Cognitive GWAS Meta-Analysis Reveals Tissue-Specific Neural Expression and Potential Nootropic Drug Targets. <i>Cell Reports</i> , 2017, 21, 2597-2613.	6.4	103
14	GWAS Identifies 44 Independent Associated Genomic Loci for Self-Reported Adult Hearing Difficulty in UK Biobank. <i>American Journal of Human Genetics</i> , 2019, 105, 788-802.	6.2	101
15	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.	6.2	86
16	The Impact of Genetic Research on our Understanding of Normal Cognitive Ageing: 1995 to 2009. <i>Neuropsychology Review</i> , 2009, 19, 451-477.	4.9	84
17	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.	2.6	63
18	Apolipoprotein E $\epsilon$ 4 Allele Frequency and Age at Onset of Alzheimer's Disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 2007, 23, 60-66.	1.5	56

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19	Variations in the cannabinoid receptor 1 gene predispose to migraine. <i>Neuroscience Letters</i> , 2009, 461, 116-120.	2.1	53
20	Dysregulation of C-X-C motif ligand 10 during aging and association with cognitive performance. <i>Neurobiology of Aging</i> , 2018, 63, 54-64.	3.1	47
21	No evidence of association of two 5HT transporter gene polymorphisms and attention deficit hyperactivity disorder. <i>Psychiatric Genetics</i> , 2003, 13, 107-110.	1.1	45
22	Apolipoprotein E ε4 Allele Frequency in Vascular Dementia. <i>Dementia and Geriatric Cognitive Disorders</i> , 2006, 22, 15-19.	1.5	45
23	Longitudinal change of sleep timing: association between chronotype and longevity in older adults. <i>Chronobiology International</i> , 2019, 36, 1285-1300.	2.0	45
24	Risk-Taking Behavior in a Gambling Task Associated with Variations in the Tryptophan Hydroxylase 2 Gene: Relevance to Psychiatric Disorders. <i>Neuropsychopharmacology</i> , 2010, 35, 1109-1119.	5.4	35
25	The IL1RN Promoter rs4251961 Correlates with IL-1 Receptor Antagonist Concentrations in Human Infection and Is Differentially Regulated by GATA-1. <i>Journal of Immunology</i> , 2011, 186, 2329-2335.	0.8	35
26	HLA-DQ Alleles Associate with Cutaneous Features of Onchocerciasis. <i>Human Immunology</i> , 1997, 55, 46-52.	2.4	33
27	The dinucleotide (CA) repeat polymorphism of estrogen receptor beta but not the dinucleotide (TA) repeat polymorphism of estrogen receptor alpha is associated with venous ulceration. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2005, 97, 266-270.	2.5	33
28	The HTR1A and HTR1B receptor genes influence stress-related information processing. <i>European Neuropsychopharmacology</i> , 2011, 21, 129-139.	0.7	33
29	Val66Met in Brain-Derived Neurotrophic Factor Affects Stimulus-Induced Plasticity in the Human Pharyngeal Motor Cortex. <i>Gastroenterology</i> , 2011, 141, 827-836.e3.	1.3	32
30	Susceptibility genes for a trait measure of attention deficit hyperactivity disorder: a pilot study in a non-clinical sample of twins. <i>Psychiatry Research</i> , 2001, 105, 273-278.	3.3	30
31	IGFBP2 is a biomarker for predicting longitudinal deterioration in renal function in type 2 diabetes. <i>Endocrine Connections</i> , 2012, 1, 95-102.	1.9	25
32	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.	1.7	25
33	Evolutionary conserved longevity genes and human cognitive abilities in elderly cohorts. <i>European Journal of Human Genetics</i> , 2012, 20, 341-347.	2.8	24
34	Does Inflammation Predispose to Recurrent Vascular Events after Recent Transient Ischaemic Attack and Minor Stroke? the North West of England Transient Ischaemic Attack and Minor Stroke (NORTHSTAR) Study. <i>International Journal of Stroke</i> , 2011, 6, 187-194.	5.9	22
35	Genetic Copy Number Variation and General Cognitive Ability. <i>PLoS ONE</i> , 2012, 7, e37385.	2.5	21
36	Dysregulation of BDNF in Prefrontal Cortex in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2019, 69, 1089-1097.	2.6	20

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37	Longitudinal sleep efficiency in the elderly and its association with health. <i>Journal of Sleep Research</i> , 2020, 29, e12898.	3.2	19
38	Genetic variants in the catechol <i>o</i> methyltransferase gene are associated with impulsivity and executive function: Relevance for major depression. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2012, 159B, 928-940.	1.7	16
39	Investigation of a functional quinone oxidoreductase (NQO2) polymorphism and cognitive decline. <i>Neurobiology of Aging</i> , 2010, 31, 351-352.	3.1	14
40	Influence of APOE genotype in primary age-related tauopathy. <i>Acta Neuropathologica Communications</i> , 2020, 8, 215.	5.2	13
41	No association between apolipoprotein <i>E</i> or <i>N</i> Acetyltransferase 2 gene polymorphisms and age-related hearing loss. <i>Laryngoscope</i> , 2015, 125, E33-8.	2.0	12
42	Genetic influences on the variability of response to repetitive transcranial magnetic stimulation in human pharyngeal motor cortex. <i>Neurogastroenterology and Motility</i> , 2019, 31, e13612.	3.0	12
43	Early life factors and COVID-19 infection in England: A prospective analysis of UK Biobank participants. <i>Early Human Development</i> , 2021, 155, 105326.	1.8	12
44	Identifying nootropic drug targets via large-scale cognitive GWAS and transcriptomics. <i>Neuropsychopharmacology</i> , 2021, 46, 1788-1801.	5.4	12
45	Nitric oxide synthase 2A (NOS2A) polymorphisms are not associated with invasive pneumococcal disease. <i>BMC Medical Genetics</i> , 2009, 10, 28.	2.1	11
46	The role of <i>ECE1</i> variants in cognitive ability in old age and Alzheimer's disease risk. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2012, 159B, 696-709.	1.7	11
47	Seasonality and season of birth effect in the <i>UK</i> Biobank cohort. <i>American Journal of Human Biology</i> , 2020, 32, e23417.	1.6	11
48	No Association Between Cholinergic Muscarinic Receptor 2 (CHRM2) Genetic Variation and Cognitive Abilities in Three Independent Samples. <i>Behavior Genetics</i> , 2009, 39, 513-523.	2.1	10
49	Novel Mutations and Genes That Impact on Growth in Short Stature of Undefined Aetiology: The EPIGROW Study. <i>Journal of the Endocrine Society</i> , 2020, 4, bvaa105.	0.2	10
50	Mid to late-life scores of depression in the cognitively healthy are associated with cognitive status and Alzheimer's disease pathology at death. <i>International Journal of Geriatric Psychiatry</i> , 2021, 36, 713-721.	2.7	10
51	on-course® portal: a tool for in-service training and career development for biomedical scientists. <i>Drug Discovery Today</i> , 2013, 18, 803-806.	6.4	9
52	Regulation of interleukin 6 by a polymorphic CpG within the frontal cortex in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2020, 92, 75-81.	3.1	9
53	Testing replication of a 5-SNP set for general cognitive ability in six population samples. <i>European Journal of Human Genetics</i> , 2008, 16, 1388-1395.	2.8	8
54	Influence of APOE Genotype on Mortality and Cognitive Impairment. <i>Journal of Alzheimer's Disease Reports</i> , 2020, 4, 281-286.	2.2	8

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55	Genetic determinants of swallowing impairments among community dwelling older population. <i>Experimental Gerontology</i> , 2015, 69, 196-201.	2.8	7
56	Associations between human leukocyte antigens and renal function. <i>Scientific Reports</i> , 2021, 11, 3158.	3.3	7
57	Epigenetic Regulation of BMAL1 with Sleep Disturbances and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 1783-1792.	2.6	7
58	Effects of gene copy number variants on personality and mood in ageing cohorts. <i>Personality and Individual Differences</i> , 2012, 53, 393-397.	2.9	6
59	A Comparative Study of Pathological Outcomes in The University of Manchester Longitudinal Study of Cognition in Normal Healthy Old Age and Brains for Dementia Research Cohorts. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 619-632.	2.6	6
60	Early changes in visuospatial episodic memory can help distinguish primary age-related tauopathy from Alzheimer's disease. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 1114-1116.	3.2	6
61	Systematic review of associations between HLA and renal function. <i>International Journal of Immunogenetics</i> , 2022, 49, 46-62.	1.8	6
62	Human leukocyte antigen associations with renal function among ethnic minorities in the United Kingdom. <i>Hla</i> , 2020, 96, 697-708.	0.6	5
63	The Contribution of Vascular Pathology Toward Cognitive Impairment in Older Individuals with Intermediate Braak Stage Tau Pathology. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 1005-1015.	2.6	5
64	Interactions between season of birth, chronological age and genetic polymorphisms in determining later-life chronotype. <i>Mechanisms of Ageing and Development</i> , 2020, 188, 111253.	4.6	5
65	No evidence of association between HLA-DRB1 and attention deficit hyperactivity disorder. <i>Psychiatric Genetics</i> , 2003, 13, 183-185.	1.1	4
66	Superior Frontal Gyrus TOMM40-APOE Locus DNA Methylation in Alzheimer's Disease. <i>Journal of Alzheimer's Disease Reports</i> , 2021, 5, 275-282.	2.2	4
67	Telephone Interview for Cognitive Status Scores Associate with Cognitive Impairment and Alzheimer's Disease Pathology at Death. <i>Journal of Alzheimer's Disease</i> , 2021, 84, 609-619.	2.6	4
68	Multi-Trait Analysis of GWAS and Biological Insights Into Cognition: A Response to Hill (2018). <i>Twin Research and Human Genetics</i> , 2018, 21, 394-397.	0.6	3
69	The APOE gene and cognitive function in non-demented and Alzheimer's disease patients. <i>Reviews in Clinical Gerontology</i> , 2009, 19, 159-169.	0.5	2
70	The effect of season of birth on brain epigenome-wide DNA methylation of older adults. <i>Journal of Developmental Origins of Health and Disease</i> , 2022, 13, 367-377.	1.4	2
71	Associations between chronotype and employment status in a longitudinal study of an elderly population. <i>Chronobiology International</i> , 2022, 39, 1118-1131.	2.0	2
72	Course fees and academic ranking: insights from the IMI EMTRAIN on-course® database. <i>Drug Discovery Today</i> , 2014, 19, 830-833.	6.4	1

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73	A role for HLA*DRB1*1101 and DRB1*0801 in cognitive ability and its decline with age. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2016, 171, 209-214.	1.7	1