

Andrew C Heath

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

55,673
citations

22548

61
h-index

32181

105
g-index

113
all docs

113
docs citations

113
times ranked

67901
citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying the Common Genetic Basis of Antidepressant Response. <i>Biological Psychiatry Global Open Science</i> , 2022, 2, 115-126.	1.0	31
2	Polygenic prediction of educational attainment within and between families from genome-wide association analyses in 3 million individuals. <i>Nature Genetics</i> , 2022, 54, 437-449.	9.4	215
3	Microbial liberation of N-methylserotonin from orange fiber in gnotobiotic mice and humans. <i>Cell</i> , 2022, 185, 2495-2509.e11.	13.5	26
4	Association of polygenic score for major depression with response to lithium in patients with bipolar disorder. <i>Molecular Psychiatry</i> , 2021, 26, 2457-2470.	4.1	44
5	Evaluating microbiome-directed fibre snacks in gnotobiotic mice and humans. <i>Nature</i> , 2021, 595, 91-95.	13.7	70
6	The Genetic Architecture of Depression in Individuals of East Asian Ancestry. <i>JAMA Psychiatry</i> , 2021, 78, 1258.	6.0	88
7	Convergent Evidence for Predispositional Effects of Brain Gray Matter Volume on Alcohol Consumption. <i>Biological Psychiatry</i> , 2020, 87, 645-655.	0.7	32
8	Classical Human Leukocyte Antigen Alleles and C4 Haplotypes Are Not Significantly Associated With Depression. <i>Biological Psychiatry</i> , 2020, 87, 419-430.	0.7	27
9	Disruptive Behavior in Siblings Discordant for Exposure to Maternal Smoking During Pregnancy: A Multi-rater Approach. <i>Nicotine and Tobacco Research</i> , 2020, 22, 1330-1338.	1.4	5
10	Molecular genetic overlap between posttraumatic stress disorder and sleep phenotypes. <i>Sleep</i> , 2020, 43, .	0.6	32
11	A large-scale genome-wide association study meta-analysis of cannabis use disorder. <i>Lancet Psychiatry</i> , 2020, 7, 1032-1045.	3.7	200
12	Genetic aetiology of self-harm ideation and behaviour. <i>Scientific Reports</i> , 2020, 10, 9713.	1.6	45
13	A genome-wide cross-phenotype meta-analysis of the association of blood pressure with migraine. <i>Nature Communications</i> , 2020, 11, 3368.	5.8	49
14	Leveraging genome-wide data to investigate differences between opioid use vs. opioid dependence in 41,176 individuals from the Psychiatric Genomics Consortium. <i>Molecular Psychiatry</i> , 2020, 25, 1673-1687.	4.1	82
15	Genome-wide gene-environment analyses of major depressive disorder and reported lifetime traumatic experiences in UK Biobank. <i>Molecular Psychiatry</i> , 2020, 25, 1430-1446.	4.1	116
16	Correspondence Between Perceived Pubertal Development and Hormone Levels in 9-10 Year-Olds From the Adolescent Brain Cognitive Development Study. <i>Frontiers in Endocrinology</i> , 2020, 11, 549928.	1.5	45
17	Genetic architecture of reciprocal social behavior in toddlers: Implications for heterogeneity in the early origins of autism spectrum disorder. <i>Development and Psychopathology</i> , 2020, 32, 1190-1205.	1.4	8
18	New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. <i>Nature Human Behaviour</i> , 2019, 3, 950-961.	6.2	75

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19	International meta-analysis of PTSD genome-wide association studies identifies sex- and ancestry-specific genetic risk loci. <i>Nature Communications</i> , 2019, 10, 4558.	5.8	363
20	Quantifying between-cohort and between-sex genetic heterogeneity in major depressive disorder. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2019, 180, 439-447.	1.1	35
21	The etiology of DSM-5 alcohol use disorder: Evidence of shared and non-shared additive genetic effects. <i>Drug and Alcohol Dependence</i> , 2019, 201, 147-154.	1.6	7
22	Association of Whole-Genome and NETRIN1 Signaling Pathway-Derived Polygenic Risk Scores for Major Depressive Disorder and White Matter Microstructure in the UK Biobank. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 91-100.	1.1	16
23	Trans-ethnic kidney function association study reveals putative causal genes and effects on kidney-specific disease aetiologies. <i>Nature Communications</i> , 2019, 10, 29.	5.8	113
24	Association studies of up to 1.2 million individuals yield new insights into the genetic etiology of tobacco and alcohol use. <i>Nature Genetics</i> , 2019, 51, 237-244.	9.4	1,307
25	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
26	Does Childhood Trauma Moderate Polygenic Risk for Depression? A Meta-analysis of 5765 Subjects From the Psychiatric Genomics Consortium. <i>Biological Psychiatry</i> , 2018, 84, 138-147.	0.7	87
27	The utility of twins in developmental cognitive neuroscience research: How twins strengthen the ABCD research design. <i>Developmental Cognitive Neuroscience</i> , 2018, 32, 30-42.	1.9	69
28	Transancestral GWAS of alcohol dependence reveals common genetic underpinnings with psychiatric disorders. <i>Nature Neuroscience</i> , 2018, 21, 1656-1669.	7.1	490
29	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.	2.6	326
30	Genome-wide association meta-analysis of age at first cannabis use. <i>Addiction</i> , 2018, 113, 2073-2086.	1.7	24
31	GWAS of lifetime cannabis use reveals new risk loci, genetic overlap with psychiatric traits, and a causal effect of schizophrenia liability. <i>Nature Neuroscience</i> , 2018, 21, 1161-1170.	7.1	436
32	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. <i>Nature Genetics</i> , 2018, 50, 26-41.	9.4	286
33	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , 2017, 8, 14977.	5.8	169
34	Prior Dietary Practices and Connections to a Human Gut Microbial Metacommunity Alter Responses to Diet Interventions. <i>Cell Host and Microbe</i> , 2017, 21, 84-96.	5.1	129
35	An Analysis of Two Genome-wide Association Meta-analyses Identifies a New Locus for Broad Depression Phenotype. <i>Biological Psychiatry</i> , 2017, 82, 322-329.	0.7	84
36	Genome-Wide Association Studies of a Broad Spectrum of Antisocial Behavior. <i>JAMA Psychiatry</i> , 2017, 74, 1242.	6.0	174

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37	Research on Geneâ€“Environment Interplay in the Era of â€œBig Dataâ€. <i>Journal of Studies on Alcohol and Drugs</i> , 2016, 77, 681-683.	0.6	4
38	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
39	Genetic variants in RFX3 are associated with sleep latency. <i>European Journal of Human Genetics</i> , 2016, 24, 1488-1495.	1.4	27
40	Genome-wide association study identifies 74 loci associated with educational attainment. <i>Nature</i> , 2016, 533, 539-542.	13.7	1,204
41	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , 2016, 48, 1462-1472.	9.4	284
42	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
43	Meta-analysis of 375,000 individuals identifies 38 susceptibility loci for migraine. <i>Nature Genetics</i> , 2016, 48, 856-866.	9.4	520
44	Common Genetic Variants Influence Whorls in Fingerprint Patterns. <i>Journal of Investigative Dermatology</i> , 2016, 136, 859-862.	0.3	19
45	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
46	Shared additive genetic influences on DSMâ€“IV criteria for alcohol dependence in subjects of European ancestry. <i>Addiction</i> , 2015, 110, 1922-1931.	1.7	20
47	Rapid videoâ€“referenced ratings of reciprocal social behavior in toddlers: a twin study. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2015, 56, 1338-1346.	3.1	28
48	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.	1.5	331
49	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
50	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	13.7	3,823
51	Metagenomics: A New Frontier for Translational Research and Personalized Therapeutics in Psychiatry?. <i>Biological Psychiatry</i> , 2015, 77, 600-601.	0.7	0
52	Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. <i>Molecular Psychiatry</i> , 2015, 20, 647-656.	4.1	235
53	Seasonality Shows Evidence for Polygenic Architecture and Genetic Correlation With Schizophrenia and Bipolar Disorder. <i>Journal of Clinical Psychiatry</i> , 2015, 76, 128-134.	1.1	25
54	Applying polygenic risk scores to postpartum depression. <i>Archives of Women's Mental Health</i> , 2014, 17, 519-528.	1.2	62

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55	Substance Use and Sexual Intercourse Onsets in Adolescence: A Genetically Informative Discordant Twin Design. <i>Journal of Adolescent Health</i> , 2014, 54, 114-116.	1.2	9
56	Novel loci affecting iron homeostasis and their effects in individuals at risk for hemochromatosis. <i>Nature Communications</i> , 2014, 5, 4926.	5.8	192
57	Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. <i>Nature</i> , 2014, 514, 92-97.	13.7	548
58	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014, 46, 1173-1186.	9.4	1,818
59	Harmonization of Neuroticism and Extraversion phenotypes across inventories and cohorts in the Genetics of Personality Consortium: an application of Item Response Theory. <i>Behavior Genetics</i> , 2014, 44, 295-313.	1.4	103
60	The genetic aetiology of cannabis use initiation: a meta-analysis of genome-wide association studies and a SNP-based heritability estimation. <i>Addiction Biology</i> , 2013, 18, 846-850.	1.4	49
61	Inference of the Genetic Architecture Underlying BMI and Height with the Use of 20,240 Sibling Pairs. <i>American Journal of Human Genetics</i> , 2013, 93, 865-875.	2.6	104
62	The Long-Term Stability of the Human Gut Microbiota. <i>Science</i> , 2013, 341, 1237439.	6.0	1,696
63	A genome-wide association study of sleep habits and insomnia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2013, 162, 439-451.	1.1	104
64	Gut Microbiota from Twins Discordant for Obesity Modulate Metabolism in Mice. <i>Science</i> , 2013, 341, 1241214.	6.0	3,006
65	Genetic relationship between five psychiatric disorders estimated from genome-wide SNPs. <i>Nature Genetics</i> , 2013, 45, 984-994.	9.4	2,067
66	Refining genome-wide linkage intervals using a meta-analysis of genome-wide association studies identifies loci influencing personality dimensions. <i>European Journal of Human Genetics</i> , 2013, 21, 876-882.	1.4	24
67	A mega-analysis of genome-wide association studies for major depressive disorder. <i>Molecular Psychiatry</i> , 2013, 18, 497-511.	4.1	1,002
68	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. <i>Nature Genetics</i> , 2013, 45, 501-512.	9.4	578
69	GWAS of 126,559 Individuals Identifies Genetic Variants Associated with Educational Attainment. <i>Science</i> , 2013, 340, 1467-1471.	6.0	750
70	The Role of Adiposity in Cardiometabolic Traits: A Mendelian Randomization Analysis. <i>PLoS Medicine</i> , 2013, 10, e1001474.	3.9	178
71	Alcoholism and Timing of Separation in Parents: Findings in a Midwestern Birth Cohort. <i>Journal of Studies on Alcohol and Drugs</i> , 2013, 74, 337-348.	0.6	42
72	Conditional and joint multiple-SNP analysis of GWAS summary statistics identifies additional variants influencing complex traits. <i>Nature Genetics</i> , 2012, 44, 369-375.	9.4	1,338

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73	FTO genotype is associated with phenotypic variability of body mass index. <i>Nature</i> , 2012, 490, 267-272.	13.7	383
74	Meta-analyses identify 13 loci associated with age at menopause and highlight DNA repair and immune pathways. <i>Nature Genetics</i> , 2012, 44, 260-268.	9.4	303
75	Human gut microbiome viewed across age and geography. <i>Nature</i> , 2012, 486, 222-227.	13.7	6,247
76	Meta-analyses of genome-wide linkage scans of anxiety-related phenotypes. <i>European Journal of Human Genetics</i> , 2012, 20, 1078-1084.	1.4	28
77	MAINTENANCE OF GENETIC VARIATION IN HUMAN PERSONALITY: TESTING EVOLUTIONARY MODELS BY ESTIMATING HERITABILITY DUE TO COMMON CAUSAL VARIANTS AND INVESTIGATING THE EFFECT OF DISTANT INBREEDING. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 3238-3251.	1.1	166
78	Genome-Wide Association Studies of Asthma in Population-Based Cohorts Confirm Known and Suggested Loci and Identify an Additional Association near HLA. <i>PLoS ONE</i> , 2012, 7, e44008.	1.1	111
79	Unraveling the Genetic Etiology of Adult Antisocial Behavior: A Genome-Wide Association Study. <i>PLoS ONE</i> , 2012, 7, e45086.	1.1	80
80	A Quantitative-Trait Genome-Wide Association Study of Alcoholism Risk in the Community: Findings and Implications. <i>Biological Psychiatry</i> , 2011, 70, 513-518.	0.7	184
81	The Impact of a Consortium of Fermented Milk Strains on the Gut Microbiome of Gnotobiotic Mice and Monozygotic Twins. <i>Science Translational Medicine</i> , 2011, 3, 106ra106.	5.8	456
82	Identification of IL6R and chromosome 11q13.5 as risk loci for asthma. <i>Lancet</i> , The, 2011, 378, 1006-1014.	6.3	345
83	Educational Attainment: A Genome Wide Association Study in 9538 Australians. <i>PLoS ONE</i> , 2011, 6, e20128.	1.1	18
84	Genomic inflation factors under polygenic inheritance. <i>European Journal of Human Genetics</i> , 2011, 19, 807-812.	1.4	460
85	Pan-genome of the dominant human gut-associated archaeon, <i>Methanobrevibacter smithii</i> , studied in twins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4599-4606.	3.3	221
86	Viruses in the faecal microbiota of monozygotic twins and their mothers. <i>Nature</i> , 2010, 466, 334-338.	13.7	1,054
87	Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , 2010, 467, 832-838.	13.7	1,789
88	Common SNPs explain a large proportion of the heritability for human height. <i>Nature Genetics</i> , 2010, 42, 565-569.	9.4	3,888
89	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , 2010, 42, 937-948.	9.4	2,634
90	Thirty new loci for age at menarche identified by a meta-analysis of genome-wide association studies. <i>Nature Genetics</i> , 2010, 42, 1077-1085.	9.4	445

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91	A Genome-Wide Association Study of Self-Rated Health. <i>Twin Research and Human Genetics</i> , 2010, 13, 398-403.	0.3	14
92	A core gut microbiome in obese and lean twins. <i>Nature</i> , 2009, 457, 480-484.	13.7	6,819
93	Genetic and Environmental Contributions to BMI in Adolescent and Young Adult Women. <i>Obesity</i> , 2009, 17, 1040-1043.	1.5	12
94	Common Variants in the Trichohyalin Gene Are Associated with Straight Hair in Europeans. <i>American Journal of Human Genetics</i> , 2009, 85, 750-755.	2.6	230
95	Choice of Residential Location: Chance, Family Influences, or Genes?. <i>Twin Research and Human Genetics</i> , 2005, 8, 22-26.	0.3	41
96	Do College Students Drink More Than Their Non-College-Attending Peers? Evidence From a Population-Based Longitudinal Female Twin Study.. <i>Journal of Abnormal Psychology</i> , 2004, 113, 530-540.	2.0	188
97	Ascertainment of a Mid-Western US Female Adolescent Twin Cohort for Alcohol Studies: Assessment of Sample Representativeness Using Birth Record Data. <i>Twin Research and Human Genetics</i> , 2002, 5, 107-112.	1.5	34
98	Ascertainment of a Mid-Western US Female Adolescent Twin Cohort for Alcohol Studies: Assessment of Sample Representativeness Using Birth Record Data. <i>Twin Research and Human Genetics</i> , 2002, 5, 107-112.	1.5	77
99	Interaction of marital status and genetic risk for symptoms of depression. <i>Twin Research and Human Genetics</i> , 1998, 1, 119-122.	1.5	56
100	Sex differences and non-additivity in the effects of genes on personality. <i>Twin Research and Human Genetics</i> , 1998, 1, 131-137.	1.5	36
101	Interaction of marital status and genetic risk for symptoms of depression. <i>Twin Research and Human Genetics</i> , 1998, 1, 119-22.	1.5	43
102	Sex differences and non-additivity in the effects of genes on personality. <i>Twin Research and Human Genetics</i> , 1998, 1, 131-137.	1.5	77
103	A Model-fitting Approach to the Estimation of Genetic and Environmental Factors from Twin Data. <i>International Review of Psychiatry</i> , 1989, 1, 297-305.	1.4	3
104	Reliability and Stability of Mothers' Reports about their Pregnancies with Twins. , 0, .		4