

Michael B Miller

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

5,889
citations

182225

30
h-index

198040

52
g-index

53
all docs

53
docs citations

53
times ranked

11072
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Brain Somatic Mutation in Aging and Alzheimer's Disease. <i>Annual Review of Genomics and Human Genetics</i> , 2021, 22, 239-256.	2.5	32
3	Genetic evidence of assortative mating in humans. <i>Nature Human Behaviour</i> , 2017, 1, .	6.2	242
4	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
5	Identification of Common Genetic Variants Influencing Spontaneous Dizygotic Twinning and Female Fertility. <i>American Journal of Human Genetics</i> , 2016, 98, 898-908.	2.6	89
6	Genome-wide association study identifies 74 loci associated with educational attainment. <i>Nature</i> , 2016, 533, 539-542.	13.7	1,204
7	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
8	Concept and design of a genome-wide association genotyping array tailored for transplantation-specific studies. <i>Genome Medicine</i> , 2015, 7, 90.	3.6	49
9	Rare variant genotype imputation with thousands of study-specific whole-genome sequences: implications for cost-effective study designs. <i>European Journal of Human Genetics</i> , 2015, 23, 975-983.	1.4	92
10	A Structural and Functional Comparison Between Infectious and Non-Infectious Autocatalytic Recombinant PrP Conformers. <i>PLoS Pathogens</i> , 2015, 11, e1005017.	2.1	38
11	Heritability and molecular genetic basis of electrodermal activity: A genome-wide association study. <i>Psychophysiology</i> , 2014, 51, 1259-1271.	1.2	18
12	Heritability and molecular genetic basis of antisaccade eye tracking error rate: A genome-wide association study. <i>Psychophysiology</i> , 2014, 51, 1272-1284.	1.2	20
13	Heritability and molecular genetic basis of acoustic startle eye blink and affectively modulated startle response: A genome-wide association study. <i>Psychophysiology</i> , 2014, 51, 1285-1299.	1.2	35
14	Premorbid risk factors for major depressive disorder: Are they associated with early onset and recurrent course?. <i>Development and Psychopathology</i> , 2014, 26, 1477-1493.	1.4	54
15	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
16	Gamma-Aminobutyric Acid System Genes—No Evidence for a Role in Alcohol Use and Abuse in a Community-Based Sample. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 938-947.	1.4	14
17	Heritability and molecular genetic basis of resting EEG activity: A genome-wide association study. <i>Psychophysiology</i> , 2014, 51, 1225-1245.	1.2	46
18	Heritability and molecular genetic basis of the P3 event-related brain potential: A genome-wide association study. <i>Psychophysiology</i> , 2014, 51, 1246-1258.	1.2	32

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19	Low-frequency copy-number variants and general cognitive ability: No evidence of association. <i>Intelligence</i> , 2014, 42, 98-106.	1.6	10
20	Rare Nonsynonymous Exonic Variants in Addiction and Behavioral Disinhibition. <i>Biological Psychiatry</i> , 2014, 75, 783-789.	0.7	41
21	Results of a GWAS Plus: General Cognitive Ability Is Substantially Heritable and Massively Polygenic. <i>PLoS ONE</i> , 2014, 9, e112390.	1.1	41
22	Cofactor Molecules Induce Structural Transformation during Infectious Prion Formation. <i>Structure</i> , 2013, 21, 2061-2068.	1.6	64
23	GWAS of 126,559 Individuals Identifies Genetic Variants Associated with Educational Attainment. <i>Science</i> , 2013, 340, 1467-1471.	6.0	750
24	A Rapid Gene-Based Genome-Wide Association Test with Multivariate Traits. <i>Human Heredity</i> , 2013, 76, 53-63.	0.4	17
25	Three Mutually Informative Ways to Understand the Genetic Relationships Among Behavioral Disinhibition, Alcohol Use, Drug Use, Nicotine Use/Dependence, and Their Co-occurrence: Twin Biometry, GCTA, and Genome-Wide Scoring. <i>Behavior Genetics</i> , 2013, 43, 97-107.	1.4	91
26	A Genome-Wide Association Study of Behavioral Disinhibition. <i>Behavior Genetics</i> , 2013, 43, 363-373.	1.4	119
27	Assumptions in studies of heritability and genotype-phenotype association. <i>Behavioral and Brain Sciences</i> , 2012, 35, 372-373.	0.4	7
28	The Minnesota Center for Twin and Family Research Genome-Wide Association Study. <i>Twin Research and Human Genetics</i> , 2012, 15, 767-774.	0.3	70
29	Superparamagnetic Nanoparticle Capture of Prions for Amplification. <i>Journal of Virology</i> , 2011, 85, 2813-2817.	1.5	19
30	A Rapid Generalized Least Squares Model for a Genome-Wide Quantitative Trait Association Analysis in Families. <i>Human Heredity</i> , 2011, 71, 67-82.	0.4	27
31	An Assessment of the Individual and Collective Effects of Variants on Height Using Twins and a Developmentally Informative Study Design. <i>PLoS Genetics</i> , 2011, 7, e1002413.	1.5	11
32	Dissociation of Infectivity from Seeding Ability in Prions with Alternate Docking Mechanism. <i>PLoS Pathogens</i> , 2011, 7, e1002128.	2.1	43
33	Genotyping Errors and Their Impact on Genetic Analysis. <i>Advances in Genetics</i> , 2008, 60, 141-152.	0.8	7
34	Genome scan of glomerular filtration rate and albuminuria: the HyperGEN study. <i>Nephrology Dialysis Transplantation</i> , 2007, 22, 763-771.	0.4	34
35	Genotype-by-Sex Interaction on Fasting Insulin Concentration: The HyperGEN Study. <i>Diabetes</i> , 2007, 56, 137-142.	0.3	19
36	Genetic Analysis Workshop 15: simulation of a complex genetic model for rheumatoid arthritis in nuclear families including a dense SNP map with linkage disequilibrium between marker loci and trait loci. <i>BMC Proceedings</i> , 2007, 1, S4.	1.8	31

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37	A Whole Genome Scan for Pulse Pressure/Stroke Volume Ratio in African Americans: The HyperGEN Study. <i>American Journal of Hypertension</i> , 2007, 20, 398-402.	1.0	25
38	Sex-specific effects of ACE I/D and AGT-M235T on pulse pressure: the HyperGEN Study. <i>Human Genetics</i> , 2007, 122, 33-40.	1.8	6
39	Genome-Wide Linkage Analysis for Loci Affecting Pulse Pressure. <i>Hypertension</i> , 2005, 46, 1286-1293.	1.3	42
40	Further Evidence of a Quantitative Trait Locus on Chromosome 18 Influencing Postural Change in Systolic Blood Pressure: The Hypertension Genetic Epidemiology Network (HyperGEN) Study. <i>American Journal of Hypertension</i> , 2005, 18, 672-678.	1.0	34
41	Linkage Analysis of Diabetes Status Among Hypertensive Families: The Hypertension Genetic Epidemiology Network Study. <i>Diabetes</i> , 2004, 53, 3307-3312.	0.3	19
42	Evidence for a Gene on Chromosome 13 Influencing Postural Systolic Blood Pressure Change and Body Mass Index. <i>Hypertension</i> , 2004, 43, 780-784.	1.3	26
43	Refined Mapping of Suggestive Linkage to Renal Function in African Americans: The HyperGEN Study. <i>American Journal of Human Genetics</i> , 2002, 71, 204-205.	2.6	14
44	A family history study of male sexual orientation using three independent samples. <i>Behavior Genetics</i> , 1999, 29, 79-86.	1.4	80
45	The use of likelihood-based confidence intervals in genetic models. <i>Behavior Genetics</i> , 1997, 27, 113-120.	1.4	284
46	Genomic scanning and the transmission/disequilibrium test: Analysis of error rates. <i>Genetic Epidemiology</i> , 1997, 14, 854-856.	0.6	2
47	Task difficulty and cognitive deficits in schizophrenia.. <i>Journal of Abnormal Psychology</i> , 1995, 104, 251-258.	2.0	61
48	Computing conditional recombination probabilities given marker information. <i>Genetic Epidemiology</i> , 1995, 12, 883-888.	0.6	0
49	Coefficient alpha: A basic introduction from the perspectives of classical test theory and structural equation modeling. <i>Structural Equation Modeling</i> , 1995, 2, 255-273.	2.4	289
50	Do Children and the Elderly Show Heightened Semantic Priming? How to Answer the Question. <i>Developmental Review</i> , 1994, 14, 159-185.	2.6	165