

Miguel E Rentería

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

6,687
citations

257357

24
h-index

88593

70
g-index

108
all docs

108
docs citations

108
times ranked

10244
citing authors

#	ARTICLE	IF	CITATIONS
1	Cortical abnormalities in adults and adolescents with major depression based on brain scans from 20 cohorts worldwide in the ENIGMA Major Depressive Disorder Working Group. <i>Molecular Psychiatry</i> , 2017, 22, 900-909.	4.1	852
2	Subcortical brain alterations in major depressive disorder: findings from the ENIGMA Major Depressive Disorder working group. <i>Molecular Psychiatry</i> , 2016, 21, 806-812.	4.1	850
3	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015, 520, 224-229.	13.7	772
4	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. <i>Brain Imaging and Behavior</i> , 2014, 8, 153-182.	1.1	696
5	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , 2012, 44, 552-561.	9.4	594
6	ENIGMA and global neuroscience: A decade of large-scale studies of the brain in health and disease across more than 40 countries. <i>Translational Psychiatry</i> , 2020, 10, 100.	2.4	365
7	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	5.8	250
8	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	7.1	213
9	Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. <i>Nature Neuroscience</i> , 2016, 19, 420-431.	7.1	204
10	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	9.4	192
11	CWAS of Suicide Attempt in Psychiatric Disorders and Association With Major Depression Polygenic Risk Scores. <i>American Journal of Psychiatry</i> , 2019, 176, 651-660.	4.0	186
12	Human subcortical brain asymmetries in 15,847 people worldwide reveal effects of age and sex. <i>Brain Imaging and Behavior</i> , 2017, 11, 1497-1514.	1.1	144
13	ENIGMA MDD: seven years of global neuroimaging studies of major depression through worldwide data sharing. <i>Translational Psychiatry</i> , 2020, 10, 172.	2.4	121
14	Dissecting the Shared Genetic Architecture of Suicide Attempt, Psychiatric Disorders, and Known Risk Factors. <i>Biological Psychiatry</i> , 2022, 91, 313-327.	0.7	114
15	Cerebral Asymmetry: A Quantitative, Multifactorial, and Plastic Brain Phenotype. <i>Twin Research and Human Genetics</i> , 2012, 15, 401-413.	0.3	98
16	Subcortical brain structure and suicidal behaviour in major depressive disorder: a meta-analysis from the ENIGMA-MDD working group. <i>Translational Psychiatry</i> , 2017, 7, e1116-e1116.	2.4	98
17	Insights into the aetiology of snoring from observational and genetic investigations in the UK Biobank. <i>Nature Communications</i> , 2020, 11, 817.	5.8	74
18	Comorbid Chronic Pain and Depression: Shared Risk Factors and Differential Antidepressant Effectiveness. <i>Frontiers in Psychiatry</i> , 2021, 12, 643609.	1.3	55

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19	Genetic architecture of subcortical brain regions: common and region-specific genetic contributions. <i>Genes, Brain and Behavior</i> , 2014, 13, 821-830.	1.1	52
20	Using PLINK for Genome-Wide Association Studies (GWAS) and Data Analysis. <i>Methods in Molecular Biology</i> , 2013, 1019, 193-213.	0.4	47
21	Genetic aetiology of self-harm ideation and behaviour. <i>Scientific Reports</i> , 2020, 10, 9713.	1.6	45
22	A Comparative Structural Bioinformatics Analysis of the Insulin Receptor Family Ectodomain Based on Phylogenetic Information. <i>PLoS ONE</i> , 2008, 3, e3667.	1.1	45
23	LocusTrack: Integrated visualization of GWAS results and genomic annotation. <i>Source Code for Biology and Medicine</i> , 2015, 10, 1.	1.7	31
24	Neuroimaging Studies of Suicidal Behavior and Non-suicidal Self-Injury in Psychiatric Patients: A Systematic Review. <i>Frontiers in Psychiatry</i> , 2018, 9, 500.	1.3	31
25	Identifying the Common Genetic Basis of Antidepressant Response. <i>Biological Psychiatry Global Open Science</i> , 2022, 2, 115-126.	1.0	31
26	Educational attainment polygenic scores are associated with cortical total surface area and regions important for language and memory. <i>NeuroImage</i> , 2020, 212, 116691.	2.1	29
27	Brain Correlates of Suicide Attempt in 18,925 Participants Across 18 International Cohorts. <i>Biological Psychiatry</i> , 2021, 90, 243-252.	0.7	29
28	The Association of Genetic Predisposition to Depressive Symptoms with Non-suicidal and Suicidal Self-Injuries. <i>Behavior Genetics</i> , 2017, 47, 3-10.	1.4	24
29	Assessment and visualization of phenome-wide causal relationships using genetic data: an application to dental caries and periodontitis. <i>European Journal of Human Genetics</i> , 2021, 29, 300-308.	1.4	23
30	Genome-wide association meta-analysis identifies 29 new acne susceptibility loci. <i>Nature Communications</i> , 2022, 13, 702.	5.8	23
31	Testing associations between cannabis use and subcortical volumes in two large population-based samples. <i>Addiction</i> , 2018, 113, 1661-1672.	1.7	21
32	Twenty-Five and Up (25Up) Study: A New Wave of the Brisbane Longitudinal Twin Study. <i>Twin Research and Human Genetics</i> , 2019, 22, 154-163.	0.3	19
33	Inference of causal relationships between sleep-related traits and 1,527 phenotypes using genetic data. <i>Sleep</i> , 2021, 44, .	0.6	16
34	Impact of CYP2C19 metaboliser status on SSRI response: a retrospective study of 9500 participants of the Australian Genetics of Depression Study. <i>Pharmacogenomics Journal</i> , 2022, 22, 130-135.	0.9	16
35	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.	1.4	15
36	Factors That Affect Patient Attrition in Buprenorphine Treatment for Opioid Use Disorder: A Retrospective Real-World Study Using Electronic Health Records. <i>Neuropsychiatric Disease and Treatment</i> , 2021, Volume 17, 3229-3244.	1.0	15

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37	Understanding genetic risk factors for common side effects of antidepressant medications. <i>Communications Medicine</i> , 2021, 1, .	1.9	15
38	Understanding the effect of smoking and drinking behavior on Parkinson's disease risk: a Mendelian randomization study. <i>Scientific Reports</i> , 2021, 11, 13980.	1.6	14
39	Sweet Taste Perception is Associated with Body Mass Index at the Phenotypic and Genotypic Level. <i>Twin Research and Human Genetics</i> , 2016, 19, 465-471.	0.3	13
40	Phenome-wide analysis highlights putative causal relationships between self-reported migraine and other complex traits. <i>Journal of Headache and Pain</i> , 2021, 22, 66.	2.5	12
41	Systematic Review: microRNAs as Potential Biomarkers in Mild Cognitive Impairment Diagnosis. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 807764.	1.7	12
42	Ethical issues in susceptibility genetic testing for late-onset neurodegenerative diseases. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2019, 180, 609-621.	1.1	11
43	Phenome-wide screening of GWAS data reveals the complex causal architecture of obesity. <i>Human Genetics</i> , 2021, 140, 1253-1265.	1.8	11
44	Genetic testing for Alzheimer's disease: trends, challenges and ethical considerations. <i>Current Opinion in Psychiatry</i> , 2020, 33, 136-140.	3.1	10
45	Genetic basis to structural grey matter associations with chronic pain. <i>Brain</i> , 2021, 144, 3611-3622.	3.7	10
46	Genetic Susceptibility to Pneumonia: A GWAS Meta-Analysis Between the UK Biobank and FinnGen. <i>Twin Research and Human Genetics</i> , 2021, 24, 145-154.	0.3	10
47	TwinsMX: Uncovering the Basis of Health and Disease in the Mexican Population. <i>Twin Research and Human Genetics</i> , 2019, 22, 611-616.	0.3	9
48	Shared Genetic Etiology between Cortical Brain Morphology and Tobacco, Alcohol, and Cannabis Use. <i>Cerebral Cortex</i> , 2022, 32, 796-807.	1.6	9
49	Classification of suicidal thoughts and behaviour in children: results from penalised logistic regression analyses in the Adolescent Brain Cognitive Development study. <i>British Journal of Psychiatry</i> , 2022, 220, 210-218.	1.7	9
50	GWAS of DNA Methylation Variation Within Imprinting Control Regions Suggests Parent-of-Origin Association. <i>Twin Research and Human Genetics</i> , 2013, 16, 767-781.	0.3	8
51	Large-scale genetic investigation reveals genetic liability to multiple complex traits influencing a higher risk of ADHD. <i>Scientific Reports</i> , 2021, 11, 22628.	1.6	8
52	Elucidating the relationship between migraine risk and brain structure using genetic data. <i>Brain</i> , 2022, 145, 3214-3224.	3.7	7
53	Early developmental gene enhancers affect subcortical volumes in the adult human brain. <i>Human Brain Mapping</i> , 2016, 37, 1788-1800.	1.9	6
54	Suicidal ideation and planning among Mexican adolescents are associated with depression polygenic risk scores. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2021, 186, 476-484.	1.1	6

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55	Response to Dr Fried & Dr Kievit, and Dr Malhi et al.. <i>Molecular Psychiatry</i> , 2016, 21, 726-728.	4.1	5
56	Genetic propensity for risky behavior and depression and risk of lifetime suicide attempt among urban African Americans in adolescence and young adulthood. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2021, 186, 456-468.	1.1	5
57	Genetic risk for chronic pain is associated with lower antidepressant effectiveness: Converging evidence for a depression subtype. <i>Australian and New Zealand Journal of Psychiatry</i> , 2022, 56, 1177-1186.	1.3	5
58	Transcriptome-based polygenic score links depression-related corticolimbic gene expression changes to sex-specific brain morphology and depression risk. <i>Neuropsychopharmacology</i> , 2021, 46, 2304-2311.	2.8	5
59	Identifying Complex lncRNA/Pseudogene-miRNA-mRNA Crosstalk in Hormone-Dependent Cancers. <i>Biology</i> , 2021, 10, 1014.	1.3	5
60	Depression polygenic scores are associated with major depressive disorder diagnosis and depressive episode in Mexican adolescents. <i>Journal of Affective Disorders Reports</i> , 2020, 2, 100028.	0.9	4
61	Phenome-wide screening of the putative causal determinants of depression using genetic data. <i>Human Molecular Genetics</i> , 2022, 31, 2887-2898.	1.4	4
62	Positive associations between cannabis and alcohol use polygenic risk scores and phenotypic opioid misuse among African-Americans. <i>PLoS ONE</i> , 2022, 17, e0266384.	1.1	4
63	Editorial: Data Mining and Statistical Methods for Knowledge Discovery in Diseases Based on Multimodal Omics. <i>Frontiers in Genetics</i> , 2022, 13, 895796.	1.1	4
64	The pharmacogenomics of selective serotonin reuptake inhibitors. <i>Pharmacogenomics</i> , 2022, 23, 597-607.	0.6	4
65	Integrative Transcriptome-Wide Analyses Uncover Novel Risk-Associated MicroRNAs in Hormone-Dependent Cancers. <i>Frontiers in Genetics</i> , 2021, 12, 716236.	1.1	3
66	Is Genetic Risk for Sleep Apnea Causally Linked With Glaucoma Susceptibility?. , 2022, 63, 25.		3
67	Genomics-driven screening for causal determinants of suicide attempt. <i>Australian and New Zealand Journal of Psychiatry</i> , 2023, 57, 423-431.	1.3	3
68	A supervised machine learning approach identifies gene-regulating factor-mediated competing endogenous RNA networks in hormone-dependent cancers. <i>Journal of Cellular Biochemistry</i> , 0, , .	1.2	3
69	P.2.b.017 Structural brain alterations in major depression: findings from the ENIGMA Major Depressive Disorder Working Group. <i>European Neuropsychopharmacology</i> , 2015, 25, S394-S395.	0.3	2
70	Evidence of Genetic Overlap Between Circadian Preference and Brain White Matter Microstructure. <i>Twin Research and Human Genetics</i> , 2021, 24, 1-6.	0.3	2
71	Clinical, demographic, and genetic risk factors of treatment-attributed suicidality in >10,000 Australian adults taking antidepressants. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2022, 189, 196-206.	1.1	2
72	Twins Can Help Us Understand How Genes and the Environment Shape Us. <i>Frontiers for Young Minds</i> , 0, 7, .	0.8	1

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73	Australian Parkinson's Genetics Study (APGS): pilot (n=1532). <i>BMJ Open</i> , 2022, 12, e052032.	0.8	1
74	31 EXAMINING THE SHARED GENETICS BETWEEN EDUCATIONAL ATTAINMENT AND DEPRESSION: RESULTS FROM THE AUSTRALIAN GENETICS OF DEPRESSION STUDY. <i>European Neuropsychopharmacology</i> , 2019, 29, S76-S77.	0.3	0
75	Is Genetic Risk for Sleep Apnoea Causally Linked With Glaucoma Susceptibility?. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
76	Structural Brain Alterations Associated With Suicidal Ideation and Attempt: Mega-Analytic Results Across 37 International Studies. <i>Biological Psychiatry</i> , 2021, 89, S21.	0.7	0
77	Insights Into the Shared Genetic Architecture of Subcortical Brain Structures and Complex Human Traits. <i>Biological Psychiatry</i> , 2021, 89, S24-S25.	0.7	0
78	European Depression Polygenic Risk Score Predicts Suicide Behavior in Mexicans. <i>Biological Psychiatry</i> , 2021, 89, S236.	0.7	0
79	Structural Brain Alterations Associated With Suicidal Ideation and Attempt: Mega-Analytic Results Across 18 International Studies. <i>Biological Psychiatry</i> , 2020, 87, S24.	0.7	0