Miguel E RenterÃ-a

List of Publications by Year
in descending order

79 papers	6,687 citations	257450 24 h-index	88630 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. Molecular Psychiatry, 2017, 22, 900-909.	7.9	852
2	Subcortical brain alterations in major depressive disorder: findings from the ENIGMA Major Depressive Disorder working group. Molecular Psychiatry, 2016, 21, 806-812.	7.9	850
3	Common genetic variants influence human subcortical brain structures. Nature, 2015, 520, 224-229.	27.8	772
4	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. Brain Imaging and Behavior, 2014, 8, 153-182.	2.1	696
5	Identification of common variants associated with human hippocampal and intracranial volumes. Nature Genetics, 2012, 44, 552-561.	21.4	594
6	ENIGMA and global neuroscience: A decade of large-scale studies of the brain in health and disease across more than 40 countries. Translational Psychiatry, 2020, 10, 100.	4.8	365
7	Novel genetic loci associated with hippocampal volume. Nature Communications, 2017, 8, 13624.	12.8	250
8	Novel genetic loci underlying human intracranial volume identified through genome-wide association. Nature Neuroscience, 2016, 19, 1569-1582.	14.8	213
9	Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. Nature Neuroscience, 2016, 19, 420-431.	14.8	204
10	Genetic architecture of subcortical brain structures in 38,851 individuals. Nature Genetics, 2019, 51, 1624-1636.	21.4	192
11	GWAS of Suicide Attempt in Psychiatric Disorders and Association With Major Depression Polygenic Risk Scores. American Journal of Psychiatry, 2019, 176, 651-660.	7.2	186
12	Human subcortical brain asymmetries in 15,847 people worldwide reveal effects of age and sex. Brain Imaging and Behavior, 2017, 11, 1497-1514.	2.1	144
13	ENIGMA MDD: seven years of global neuroimaging studies of major depression through worldwide data sharing. Translational Psychiatry, 2020, 10, 172.	4.8	121
14	Dissecting the Shared Genetic Architecture of Suicide Attempt, Psychiatric Disorders, and Known Risk Factors. Biological Psychiatry, 2022, 91, 313-327.	1.3	114
15	Cerebral Asymmetry: A Quantitative, Multifactorial, and Plastic Brain Phenotype. Twin Research and Human Genetics, 2012, 15, 401-413.	0.6	98
16	Subcortical brain structure and suicidal behaviour in major depressive disorder: a meta-analysis from the ENIGMA-MDD working group. Translational Psychiatry, 2017, 7, e1116-e1116.	4.8	98
17	Insights into the aetiology of snoring from observational and genetic investigations in the UK Biobank. Nature Communications, 2020, 11, 817.	12.8	74
18	Comorbid Chronic Pain and Depression: Shared Risk Factors and Differential Antidepressant Effectiveness. Frontiers in Psychiatry, 2021, 12, 643609.	2.6	55

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19	Genetic architecture of subcortical brain regions: common and regionâ€specific genetic contributions. Genes, Brain and Behavior, 2014, 13, 821-830.	2.2	52
20	Using PLINK for Genome-Wide Association Studies (GWAS) and Data Analysis. Methods in Molecular Biology, 2013, 1019, 193-213.	0.9	47
21	Genetic aetiology of self-harm ideation and behaviour. Scientific Reports, 2020, 10, 9713.	3.3	45
22	A Comparative Structural Bioinformatics Analysis of the Insulin Receptor Family Ectodomain Based on Phylogenetic Information. PLoS ONE, 2008, 3, e3667.	2.5	45
23	LocusTrack: Integrated visualization of GWAS results and genomic annotation. Source Code for Biology and Medicine, 2015, 10, 1.	1.7	31
24	Neuroimaging Studies of Suicidal Behavior and Non-suicidal Self-Injury in Psychiatric Patients: A Systematic Review. Frontiers in Psychiatry, 2018, 9, 500.	2.6	31
25	Identifying the Common Genetic Basis of Antidepressant Response. Biological Psychiatry Global Open Science, 2022, 2, 115-126.	2.2	31
26	Educational attainment polygenic scores are associated with cortical total surface area and regions important for language and memory. NeuroImage, 2020, 212, 116691.	4.2	29
27	Brain Correlates of Suicide Attempt in 18,925 Participants Across 18 International Cohorts. Biological Psychiatry, 2021, 90, 243-252.	1.3	29
28	The Association of Genetic Predisposition to Depressive Symptoms with Non-suicidal and Suicidal Self-Injuries. Behavior Genetics, 2017, 47, 3-10.	2.1	24
29	Assessment and visualization of phenome-wide causal relationships using genetic data: an application to dental caries and periodontitis. European Journal of Human Genetics, 2021, 29, 300-308.	2.8	23
30	Genome-wide association meta-analysis identifies 29 new acne susceptibility loci. Nature Communications, 2022, 13, 702.	12.8	23
31	Testing associations between cannabis use and subcortical volumes in two large populationâ€based samples. Addiction, 2018, 113, 1661-1672.	3.3	21
32	Twenty-Five and Up (25Up) Study: A New Wave of the Brisbane Longitudinal Twin Study. Twin Research and Human Genetics, 2019, 22, 154-163.	0.6	19
33	Inference of causal relationships between sleep-related traits and 1,527 phenotypes using genetic data. Sleep, 2021, 44, .	1.1	16
34	Impact of CYP2C19 metaboliser status on SSRI response: a retrospective study of 9500 participants of the Australian Genetics of Depression Study. Pharmacogenomics Journal, 2022, 22, 130-135.	2.0	16
35	Half the Genetic Variance in Vitamin D Concentration is Shared with Skin Colour and Sun Exposure Genes. Behavior Genetics, 2019, 49, 386-398.	2.1	15
36	Factors That Affect Patient Attrition in Buprenorphine Treatment for Opioid Use Disorder: A Retrospective Real-World Study Using Electronic Health Records. Neuropsychiatric Disease and Treatment, 2021, Volume 17, 3229-3244.	2.2	15

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37	Understanding genetic risk factors for common side effects of antidepressant medications. Communications Medicine, 2021, 1, .	4.2	15
38	Understanding the effect of smoking and drinking behavior on Parkinson's disease risk: a Mendelian randomization study. Scientific Reports, 2021, 11, 13980.	3.3	14
39	Sweet Taste Perception is Associated with Body Mass Index at the Phenotypic and Genotypic Level. Twin Research and Human Genetics, 2016, 19, 465-471.	0.6	13
40	Phenome-wide analysis highlights putative causal relationships between self-reported migraine and other complex traits. Journal of Headache and Pain, 2021, 22, 66.	6.0	12
41	Systematic Review: microRNAs as Potential Biomarkers in Mild Cognitive Impairment Diagnosis. Frontiers in Aging Neuroscience, 2021, 13, 807764.	3.4	12
42	Ethical issues in susceptibility genetic testing for lateâ€onset neurodegenerative diseases. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2019, 180, 609-621.	1.7	11
43	Phenome-wide screening of GWAS data reveals the complex causal architecture of obesity. Human Genetics, 2021, 140, 1253-1265.	3.8	11
44	Genetic testing for Alzheimer's disease: trends, challenges and ethical considerations. Current Opinion in Psychiatry, 2020, 33, 136-140.	6.3	10
45	Genetic basis to structural grey matter associations with chronic pain. Brain, 2021, 144, 3611-3622.	7.6	10
46	Genetic Susceptibility to Pneumonia: A GWAS Meta-Analysis Between the UK Biobank and FinnGen. Twin Research and Human Genetics, 2021, 24, 145-154.	0.6	10
47	TwinsMX: Uncovering the Basis of Health and Disease in the Mexican Population. Twin Research and Human Genetics, 2019, 22, 611-616.	0.6	9
48	Shared Genetic Etiology between Cortical Brain Morphology and Tobacco, Alcohol, and Cannabis Use. Cerebral Cortex, 2022, 32, 796-807.	2.9	9
49	Classification of suicidal thoughts and behaviour in children: results from penalised logistic regression analyses in the Adolescent Brain Cognitive Development study. British Journal of Psychiatry, 2022, 220, 210-218.	2.8	9
50	GWAS of DNA Methylation Variation Within Imprinting Control Regions Suggests Parent-of-Origin Association. Twin Research and Human Genetics, 2013, 16, 767-781.	0.6	8
51	Large-scale genetic investigation reveals genetic liability to multiple complex traits influencing a higher risk of ADHD. Scientific Reports, 2021, 11, 22628.	3.3	8
52	Elucidating the relationship between migraine risk and brain structure using genetic data. Brain, 2022, 145, 3214-3224.	7.6	7
53	Early developmental gene enhancers affect subcortical volumes in the adult human brain. Human Brain Mapping, 2016, 37, 1788-1800.	3.6	6
54	Suicidal ideation and planning among Mexican adolescents are associated with depression polygenic risk scores. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2021, 186, 476-484.	1.7	6

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55	Response to Dr Fried & Dr Kievit, and Dr Malhi et al.. Molecular Psychiatry, 2016, 21, 726-728.	7.9	5
56	Genetic propensity for risky behavior and depression and risk of lifetime suicide attempt among urban African Americans in adolescence and young adulthood. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2021, 186, 456-468.	1.7	5
57	Genetic risk for chronic pain is associated with lower antidepressant effectiveness: Converging evidence for a depression subtype. Australian and New Zealand Journal of Psychiatry, 2022, 56, 1177-1186.	2.3	5
58	Transcriptome-based polygenic score links depression-related corticolimbic gene expression changes to sex-specific brain morphology and depression risk. Neuropsychopharmacology, 2021, 46, 2304-2311.	5.4	5
59	Identifying Complex lncRNA/Pseudogeneâ€“miRNAâ€“mRNA Crosstalk in Hormone-Dependent Cancers. Biology, 2021, 10, 1014.	2.8	5
60	Depression polygenic scores are associated with major depressive disorder diagnosis and depressive episode in Mexican adolescents. Journal of Affective Disorders Reports, 2020, 2, 100028.	1.7	4
61	Phenome-wide screening of the putative causal determinants of depression using genetic data. Human Molecular Genetics, 2022, 31, 2887-2898.	2.9	4
62	Positive associations between cannabis and alcohol use polygenic risk scores and phenotypic opioid misuse among African-Americans. PLoS ONE, 2022, 17, e0266384.	2.5	4
63	Editorial: Data Mining and Statistical Methods for Knowledge Discovery in Diseases Based on Multimodal Omics. Frontiers in Genetics, 2022, 13, 895796.	2.3	4
64	The pharmacogenomics of selective serotonin reuptake inhibitors. Pharmacogenomics, 2022, 23, 597-607.	1.3	4
65	Integrative Transcriptome-Wide Analyses Uncover Novel Risk-Associated MicroRNAs in Hormone-Dependent Cancers. Frontiers in Genetics, 2021, 12, 716236.	2.3	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. Australian and New Zealand Journal of Psychiatry, 2023, 57, 423-431.	2.3	3
68	A supervised machine learning approach identifies geneâ€regulating factorâ€mediated competing endogenous RNA networks in hormoneâ€dependent cancers. Journal of Cellular Biochemistry, 0, , .	2.6	3
69	P.2.b.017 Structural brain alterations in major depression: findings from the ENIGMA Major Depressive Disorder Working Group. European Neuropsychopharmacology, 2015, 25, S394-S395.	0.7	2
70	Evidence of Genetic Overlap Between Circadian Preference and Brain White Matter Microstructure. Twin Research and Human Genetics, 2021, 24, 1-6.	0.6	2
71	Clinical, demographic, and genetic risk factors of treatmentâ€attributed suicidality in >10,000 Australian adults taking antidepressants. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2022, 189, 196-206.	1.7	2
72	Twins Can Help Us Understand How Genes and the Environment Shape Us. Frontiers for Young Minds, 0, 7, .	0.8	1

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73	Australian Parkinsonâ€™s Genetics Study (APGS): pilot (n=1532). BMJ Open, 2022, 12, e052032.	1.9	1
74	31 EXAMINING THE SHARED GENETICS BETWEEN EDUCATIONAL ATTAINMENT AND DEPRESSION: RESULTS FROM THE AUSTRALIAN GENETICS OF DEPRESSION STUDY. European Neuropsychopharmacology, 2019, 29, S76-S77.	0.7	0
75	Is Genetic Risk for Sleep Apnoea Causally Linked With Glaucoma Susceptibility?. SSRN Electronic Journal, 0, , .	0.4	0
76	Structural Brain Alterations Associated With Suicidal Ideation and Attempt: Mega-Analytic Results Across 37 International Studies. Biological Psychiatry, 2021, 89, S21.	1.3	0
77	Insights Into the Shared Genetic Architecture of Subcortical Brain Structures and Complex Human Traits. Biological Psychiatry, 2021, 89, S24-S25.	1.3	0
78	European Depression Polygenic Risk Score Predicts Suicide Behavior in Mexicans. Biological Psychiatry, 2021, 89, S236.	1.3	0
79	Structural Brain Alterations Associated With Suicidal Ideation and Attempt: Mega-Analytic Results Across 18 International Studies. Biological Psychiatry, 2020, 87, S24.	1.3	0