Enda M Byrne

List of Publications by Year
in descending order

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88 papers	16,695 citations	76294 40 h-index	49868 87 g-index
106 all docs	106 docs citations	106 times ranked	20164 citing authors

#	Article	IF	Citations
1	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.	1.3	5
2	Identifying the Common Genetic Basis of Antidepressant Response. Biological Psychiatry Global Open Science, 2022, 2, 115-126.	1.0	31
3	Dissecting the Shared Genetic Architecture of Suicide Attempt, Psychiatric Disorders, and Known Risk Factors. Biological Psychiatry, 2022, 91, 313-327.	0.7	114
4	The Australian Genetics of Depression Study: New Risk Loci and Dissecting Heterogeneity Between Subtypes. Biological Psychiatry, 2022, 92, 227-235.	0.7	18
5	Multi-Trait Genetic Analysis Identifies Autoimmune Loci Associated with Cutaneous Melanoma. Journal of Investigative Dermatology, 2022, 142, 1607-1616.	0.3	11
6	Perinatal depression is associated with a higher polygenic risk for major depressive disorder than nonâ€perinatal depression. Depression and Anxiety, 2022, 39, 182-191.	2.0	16
7	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.	0.9	16
8	Dynamic networks of psychological symptoms, impairment, substance use, and social support: The evolution of psychopathology among emerging adults. European Psychiatry, 2022, 65, .	0.1	2
9	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.	1.1	2
10	GWAS of peptic ulcer disease implicates Helicobacter pylori infection, other gastrointestinal disorders and depression. Nature Communications, 2021, 12, 1146.	5.8	93
11	Schizophrenia polygenic risk scores in youth mental health: preliminary associations with diagnosis, clinical stage and functioning. BJPsych Open, 2021, 7, e58.	0.3	4
12	A meta-analysis of the relationship between subjective sleep and depressive symptoms in adolescence. Sleep Medicine, 2021, 79, 134-144.	0.8	25
13	Symptom-level modelling unravels the shared genetic architecture of anxiety and depression. Nature Human Behaviour, 2021, 5, 1432-1442.	6.2	45
14	Comorbid Chronic Pain and Depression: Shared Risk Factors and Differential Antidepressant Effectiveness. Frontiers in Psychiatry, 2021, 12, 643609.	1.3	55
15	Polygenic Risk Scores Derived From Varying Definitions of Depression and Risk of Depression. JAMA Psychiatry, 2021, 78, 1152.	6.0	22
16	Transcriptome-based polygenic score links depression-related corticolimbic gene expression changes to sex-specific brain morphology and depression risk. Neuropsychopharmacology, 2021, 46, 2304-2311.	2.8	5
17	The Genetic Architecture of Depression in Individuals of East Asian Ancestry. JAMA Psychiatry, 2021, 78, 1258.	6.0	88
18	Conditional GWAS analysis to identify disorder-specific SNPs for psychiatric disorders. Molecular Psychiatry, 2021, 26, 2070-2081.	4.1	48

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19	Understanding genetic risk factors for common side effects of antidepressant medications. Communications Medicine, 2021, 1, .	1.9	15
20	Potential Genetic Overlap Between Insomnia and Sleep Symptoms in Major Depressive Disorder: A Polygenic Risk Score Analysis. Frontiers in Psychiatry, 2021, 12, 734077.	1.3	2
21	Classical Human Leukocyte Antigen Alleles and C4 Haplotypes Are Not Significantly Associated With Depression. Biological Psychiatry, 2020, 87, 419-430.	0.7	27
22	The Genetics of the Mood Disorder Spectrum: Genome-wide Association Analyses of More Than 185,000 Cases and 439,000 Controls. Biological Psychiatry, 2020, 88, 169-184.	0.7	137
23	Genetic control of temperament traits across species: association of autism spectrum disorder risk genes with cattle temperament. Genetics Selection Evolution, 2020, 52, 51.	1.2	25
24	Refining Attention-Deficit/Hyperactivity Disorder and Autism Spectrum Disorder Genetic Loci by Integrating Summary Data From Genome-wide Association, Gene Expression, and DNA Methylation Studies. Biological Psychiatry, 2020, 88, 470-479.	0.7	14
25	Nick Martin and the Genetics of Depression: Sample Size, Sample Size, Sample Size. Twin Research and Human Genetics, 2020, 23, 109-111.	0.3	0
26	Cohort profile: the Australian genetics of depression study. BMJ Open, 2020, 10, e032580.	0.8	40
27	Minimal phenotyping yields genome-wide association signals of low specificity for major depression. Nature Genetics, 2020, 52, 437-447.	9.4	207
28	Insights into the aetiology of snoring from observational and genetic investigations in the UK Biobank. Nature Communications, 2020, 11, 817.	5.8	74
29	Genetic risk scores for major psychiatric disorders and the risk of postpartum psychiatric disorders. Translational Psychiatry, 2019, 9, 288.	2.4	27
30	The relationship between insomnia and complex diseasesâ€"insights from genetic data. Genome Medicine, 2019, 11, 57.	3.6	13
31	Genome-wide association analyses of chronotype in 697,828 individuals provides insights into circadian rhythms. Nature Communications, 2019, 10, 343.	5.8	417
32	GWAS of Suicide Attempt in Psychiatric Disorders and Association With Major Depression Polygenic Risk Scores. American Journal of Psychiatry, 2019, 176, 651-660.	4.0	186
33	Genome-wide association study of medication-use and associated disease in the UK Biobank. Nature Communications, 2019, 10, 1891.	5.8	140
34	Genome-wide association study identifies 30 loci associated with bipolar disorder. Nature Genetics, 2019, 51, 793-803.	9.4	1,191
35	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. Cell, 2019, 179, 1469-1482.e11.	13.5	935
36	Association of Whole-Genome and NETRIN1 Signaling Pathwayâ€"Derived Polygenic Risk Scores for Major Depressive Disorder and White Matter Microstructure in the UK Biobank. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 91-100.	1.1	16

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37	Is Schizophrenia a Risk Factor for Breast Cancer?â€"Evidence From Genetic Data. Schizophrenia Bulletin, 2019, 45, 1251-1256.	2.3	24
38	Shared and specific genetic risk factors for lifetime major depression, depressive symptoms and neuroticism in three population-based twin samples. Psychological Medicine, 2019, 49, 2745-2753.	2.7	30
39	Genome-wide meta-analysis of depression identifies 102 independent variants and highlights the importance of the prefrontal brain regions. Nature Neuroscience, 2019, 22, 343-352.	7.1	1,589
40	Common schizophrenia alleles are enriched in mutation-intolerant genes and in regions under strong background selection. Nature Genetics, 2018, 50, 381-389.	9.4	1,332
41	Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression. Nature Genetics, 2018, 50, 668-681.	9.4	2,224
42	Does Childhood Trauma Moderate Polygenic Risk for Depression? A Meta-analysis of 5765 Subjects From the Psychiatric Genomics Consortium. Biological Psychiatry, 2018, 84, 138-147.	0.7	87
43	Genomeâ€wide geneâ€environment interaction in depression: A systematic evaluation of candidate genes. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2018, 177, 40-49.	1.1	55
44	PPD ACT: an app-based genetic study of postpartum depression. Translational Psychiatry, 2018, 8, 260.	2.4	18
45	Genome-wide Association for Major Depression Through Age at Onset Stratification: Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium. Biological Psychiatry, 2017, 81, 325-335.	0.7	175
46	Association of the polygenic risk score for schizophrenia with mortality and suicidal behavior - A Danish population-based study. Schizophrenia Research, 2017, 184, 122-127.	1.1	27
47	An Analysis of Two Genome-wide Association Meta-analyses Identifies a New Locus for Broad Depression Phenotype. Biological Psychiatry, 2017, 82, 322-329.	0.7	84
48	Genome-wide Regional Heritability Mapping Identifies a Locus Within the TOX2 Gene Associated With Major Depressive Disorder. Biological Psychiatry, 2017, 82, 312-321.	0.7	26
49	Inference in Psychiatry via 2-Sample Mendelian Randomizationâ€"From Association to Causal Pathway?. JAMA Psychiatry, 2017, 74, 1191.	6.0	25
50	Investigating the relationship between iron and depression. Journal of Psychiatric Research, 2017, 94, 148-155.	1.5	10
51	Genetics and Genomic Basis of Sleep Disorders in Humans. , 2017, , 322-339.e7.		2
52	Genetic variants in RBFOX3 are associated with sleep latency. European Journal of Human Genetics, 2016, 24, 1488-1495.	1.4	27
53	Genetic Correlation Analysis Suggests Association between Increased Self-Reported Sleep Duration in Adults and Schizophrenia and Type 2 Diabetes. Sleep, 2016, 39, 1853-1857.	0.6	19
54	Genome-Wide Association Analyses in 128,266 Individuals Identifies New Morningness and Sleep Duration Loci. PLoS Genetics, 2016, 12, e1006125.	1.5	308

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55	Heritability of Transforming Growth Factor-Î²1 and Tumor Necrosis Factor-Receptor Type 1 Expression and Vitamin D Levels in Healthy Adolescent Twins. Twin Research and Human Genetics, 2015, 18, 28-35.	0.3	22
56	Genetics of Sleep Disorders. Psychiatric Clinics of North America, 2015, 38, 667-681.	0.7	29
57	New data and an old puzzle: the negative association between schizophrenia and rheumatoid arthritis. International Journal of Epidemiology, 2015, 44, 1706-1721.	0.9	53
58	Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. Molecular Psychiatry, 2015, 20, 647-656.	4.1	235
59	Seasonality Shows Evidence for Polygenic Architecture and Genetic Correlation With Schizophrenia and Bipolar Disorder. Journal of Clinical Psychiatry, 2015, 76, 128-134.	1.1	25
60	Applying polygenic risk scores to postpartum depression. Archives of Women's Mental Health, 2014, 17, 519-528.	1.2	62
61	Hypermethylation in the ZBTB20 gene is associated with major depressive disorder. Genome Biology, 2014, 15, R56.	13.9	87
62	Genetic risk score analysis indicates migraine with and without comorbid depression are genetically different disorders. Human Genetics, 2014, 133, 173-186.	1.8	60
63	Testing the role of circadian genes in conferring risk for psychiatric disorders. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2014, 165, 254-260.	1.1	39
64	Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. Nature, 2014, 514, 92-97.	13.7	548
65	Future Directions in Genetics of Psychiatric Disorders. , 2014, , 311-337.		1
66	A genomeâ€wide association study of sleep habits and insomnia. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2013, 162, 439-451.	1.1	104
67	Genetic relationship between five psychiatric disorders estimated from genome-wide SNPs. Nature Genetics, 2013, 45, 984-994.	9.4	2,067
68	Genome-wide association and longitudinal analyses reveal genetic loci linking pubertal height growth, pubertal timing and childhood adiposity. Human Molecular Genetics, 2013, 22, 2735-2747.	1.4	188
69	The Role of Genes in the Insomnia Phenotype. Sleep Medicine Clinics, 2013, 8, 323-331.	1.2	21
70	A mega-analysis of genome-wide association studies for major depressive disorder. Molecular Psychiatry, 2013, 18, 497-511.	4.1	1,002
71	Association of Adiposity Genetic Variants With Menarche Timing in 92,105 Women of European Descent. American Journal of Epidemiology, 2013, 178, 451-460.	1.6	51
72	Monozygotic twins affected with major depressive disorder have greater variance in methylation than their unaffected co-twin. Translational Psychiatry, 2013, 3, e269-e269.	2.4	89

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73	Multi-locus genome-wide association analysis supports the role of glutamatergic synaptic transmission in the etiology of major depressive disorder. Translational Psychiatry, 2012, 2, e184-e184.	2.4	77
74	Genome-wide association analysis of coffee drinking suggests association with CYP1A1/CYP1A2 and NRCAM. Molecular Psychiatry, 2012, 17, 1116-1129.	4.1	112
75	A Genome-Wide Association Study of Caffeine-Related Sleep Disturbance: Confirmation of a Role for a Common Variant in the Adenosine Receptor. Sleep, 2012, 35, 967-975.	0.6	75
76	Introduction: What is a â€˜geneâ€™ and why does it matter for political science?. Journal of Theoretical Politics, 2012, 24, 305-327.	0.3	32
77	Meta-analyses identify 13 loci associated with age at menopause and highlight DNA repair and immune pathways. Nature Genetics, 2012, 44, 260-268.	9.4	303
78	Genome-wide association study of major depressive disorder: new results, meta-analysis, and lessons learned. Molecular Psychiatry, 2012, 17, 36-48.	4.1	405
79	Modeling the direction of causation between crossâ€sectional measures of disrupted sleep, anxiety and depression in a sample of male and female Australian twins. Journal of Sleep Research, 2012, 21, 675-683.	1.7	20
80	Unraveling the Genetic Etiology of Adult Antisocial Behavior: A Genome-Wide Association Study. PLoS ONE, 2012, 7, e45086.	1.1	80
81	Genetics of Insomnia. Sleep Medicine Clinics, 2011, 6, 191-202.	1.2	21
82	A Genome-Wide Analysis of Liberal and Conservative Political Attitudes. Journal of Politics, 2011, 73, 271-285.	1.4	123
83	Thirty new loci for age at menarche identified by a meta-analysis of genome-wide association studies. Nature Genetics, 2010, 42, 1077-1085.	9.4	445
84	Association Study of Common Mitochondrial Variants and Cognitive Ability. Behavior Genetics, 2009, 39, 504-512.	1.4	6
85	Family-based mitochondrial association study of traits related to type 2 diabetes and the metabolic syndrome in adolescents. Diabetologia, 2009, 52, 2359-2368.	2.9	4
86	The use of common mitochondrial variants to detect and characterise population structure in the Australian population: implications for genome-wide association studies. European Journal of Human Genetics, 2008, 16, 1396-1403.	1.4	6
87	Power and SNP tagging in whole mitochondrial genome association studies. Genome Research, 2008, 18, 911-917.	2.4	27
88	The Influence of Twin Pair Permutation on Likelihood-Based-Estimates of Genetic Variance That Require Ordering of Twin-Pairs. Behavior Genetics, 2007, 37, 617-620.	1.4	1