

# Enda M Byrne

## List of Publications by Citations

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**Version:** 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

94  
papers

10,335  
citations

35  
h-index

101  
g-index

106  
ext. papers

14,164  
ext. citations

10.1  
avg, IF

4.81  
L-index

#	Paper	IF	Citations
94	Genetic relationship between five psychiatric disorders estimated from genome-wide SNPs. <i>Nature Genetics</i> , <b>2013</b> , 45, 984-94	36.3	1628
93	Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression. <i>Nature Genetics</i> , <b>2018</b> , 50, 668-681	36.3	1301
92	A mega-analysis of genome-wide association studies for major depressive disorder. <i>Molecular Psychiatry</i> , <b>2013</b> , 18, 497-511	15.1	853
91	Common schizophrenia alleles are enriched in mutation-intolerant genes and in regions under strong background selection. <i>Nature Genetics</i> , <b>2018</b> , 50, 381-389	36.3	787
90	Genome-wide association study identifies 30 loci associated with bipolar disorder. <i>Nature Genetics</i> , <b>2019</b> , 51, 793-803	36.3	662
89	Genome-wide meta-analysis of depression identifies 102 independent variants and highlights the importance of the prefrontal brain regions. <i>Nature Neuroscience</i> , <b>2019</b> , 22, 343-352	25.5	639
88	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. <i>Cell</i> , <b>2019</b> , 179, 1469-1482.e11	56.2	402
87	Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. <i>Nature</i> , <b>2014</b> , 514, 92-97	50.4	401
86	Thirty new loci for age at menarche identified by a meta-analysis of genome-wide association studies. <i>Nature Genetics</i> , <b>2010</b> , 42, 1077-85	36.3	372
85	Genome-wide association study of major depressive disorder: new results, meta-analysis, and lessons learned. <i>Molecular Psychiatry</i> , <b>2012</b> , 17, 36-48	15.1	335
84	Meta-analyses identify 13 loci associated with age at menopause and highlight DNA repair and immune pathways. <i>Nature Genetics</i> , <b>2012</b> , 44, 260-8	36.3	243
83	Genome-Wide Association Analyses in 128,266 Individuals Identifies New Morningness and Sleep Duration Loci. <i>PLoS Genetics</i> , <b>2016</b> , 12, e1006125	6	222
82	Genome-wide association analyses of chronotype in 697,828 individuals provides insights into circadian rhythms. <i>Nature Communications</i> , <b>2019</b> , 10, 343	17.4	205
81	Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. <i>Molecular Psychiatry</i> , <b>2015</b> , 20, 647-656	15.1	167
80	Genome-wide association and longitudinal analyses reveal genetic loci linking pubertal height growth, pubertal timing and childhood adiposity. <i>Human Molecular Genetics</i> , <b>2013</b> , 22, 2735-47	5.6	138
79	Genome-wide Association for Major Depression Through Age at Onset Stratification: Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium. <i>Biological Psychiatry</i> , <b>2017</b> , 81, 325-335	7.9	129
78	GWAS of Suicide Attempt in Psychiatric Disorders and Association With Major Depression Polygenic Risk Scores. <i>American Journal of Psychiatry</i> , <b>2019</b> , 176, 651-660	11.9	103

77	Genome-wide association analysis of coffee drinking suggests association with CYP1A1/CYP1A2 and NRCAM. <i>Molecular Psychiatry</i> , <b>2012</b> , 17, 1116-29	15.1	93
76	A Genome-Wide Analysis of Liberal and Conservative Political Attitudes. <i>Journal of Politics</i> , <b>2011</b> , 73, 271-285	2.2	91
75	A genome-wide association study of sleep habits and insomnia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2013</b> , 162B, 439-51	3.5	81
74	Minimal phenotyping yields genome-wide association signals of low specificity for major depression. <i>Nature Genetics</i> , <b>2020</b> , 52, 437-447	36.3	80
73	Monozygotic twins affected with major depressive disorder have greater variance in methylation than their unaffected co-twin. <i>Translational Psychiatry</i> , <b>2013</b> , 3, e269	8.6	78
72	Hypermethylation in the ZBTB20 gene is associated with major depressive disorder. <i>Genome Biology</i> , <b>2014</b> , 15, R56	18.3	73
71	An Analysis of Two Genome-wide Association Meta-analyses Identifies a New Locus for Broad Depression Phenotype. <i>Biological Psychiatry</i> , <b>2017</b> , 82, 322-329	7.9	68
70	A genome-wide association study of caffeine-related sleep disturbance: confirmation of a role for a common variant in the adenosine receptor. <i>Sleep</i> , <b>2012</b> , 35, 967-75	1.1	67
69	Unraveling the genetic etiology of adult antisocial behavior: a genome-wide association study. <i>PLoS ONE</i> , <b>2012</b> , 7, e45086	3.7	63
68	Multi-locus genome-wide association analysis supports the role of glutamatergic synaptic transmission in the etiology of major depressive disorder. <i>Translational Psychiatry</i> , <b>2012</b> , 2, e184	8.6	62
67	The Genetics of the Mood Disorder Spectrum: Genome-wide Association Analyses of More Than 185,000 Cases and 439,000 Controls. <i>Biological Psychiatry</i> , <b>2020</b> , 88, 169-184	7.9	57
66	Applying polygenic risk scores to postpartum depression. <i>Archives of Womens Mental Health</i> , <b>2014</b> , 17, 519-28	5	49
65	Genome-wide association study of medication-use and associated disease in the UK Biobank. <i>Nature Communications</i> , <b>2019</b> , 10, 1891	17.4	48
64	Does Childhood Trauma Moderate Polygenic Risk for Depression? A Meta-analysis of 5765 Subjects From the Psychiatric Genomics Consortium. <i>Biological Psychiatry</i> , <b>2018</b> , 84, 138-147	7.9	48
63	Association of adiposity genetic variants with menarche timing in 92,105 women of European descent. <i>American Journal of Epidemiology</i> , <b>2013</b> , 178, 451-60	3.8	48
62	Genetic risk score analysis indicates migraine with and without comorbid depression are genetically different disorders. <i>Human Genetics</i> , <b>2014</b> , 133, 173-86	6.3	47
61	New data and an old puzzle: the negative association between schizophrenia and rheumatoid arthritis. <i>International Journal of Epidemiology</i> , <b>2015</b> , 44, 1706-21	7.8	43
60	Genome-wide gene-environment interaction in depression: A systematic evaluation of candidate genes: The childhood trauma working-group of PGC-MDD. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2018</b> , 177, 40-49	3.5	43

59	Testing the role of circadian genes in conferring risk for psychiatric disorders. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2014</b> , 165B, 254-60	3.5	32
58	Introduction: What is a gene and why does it matter for political science?. <i>Journal of Theoretical Politics</i> , <b>2012</b> , 24, 305-327	0.5	30
57	Genetics of Sleep Disorders. <i>Psychiatric Clinics of North America</i> , <b>2015</b> , 38, 667-81	3.1	26
56	Insights into the aetiology of snoring from observational and genetic investigations in the UK Biobank. <i>Nature Communications</i> , <b>2020</b> , 11, 817	17.4	23
55	Power and SNP tagging in whole mitochondrial genome association studies. <i>Genome Research</i> , <b>2008</b> , 18, 911-7	9.7	22
54	Association of the polygenic risk score for schizophrenia with mortality and suicidal behavior - A Danish population-based study. <i>Schizophrenia Research</i> , <b>2017</b> , 184, 122-127	3.6	21
53	Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depressive disorder		21
52	Common schizophrenia alleles are enriched in mutation-intolerant genes and maintained by background selection		20
51	GWAS of peptic ulcer disease implicates <i>Helicobacter pylori</i> infection, other gastrointestinal disorders and depression. <i>Nature Communications</i> , <b>2021</b> , 12, 1146	17.4	20
50	Conditional GWAS analysis to identify disorder-specific SNPs for psychiatric disorders. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 2070-2081	15.1	19
49	The Role of Genes in the Insomnia Phenotype. <i>Sleep Medicine Clinics</i> , <b>2013</b> , 8, 323-331	3.6	18
48	Seasonality shows evidence for polygenic architecture and genetic correlation with schizophrenia and bipolar disorder. <i>Journal of Clinical Psychiatry</i> , <b>2015</b> , 76, 128-34	4.6	18
47	Genetic variants in RBF3X are associated with sleep latency. <i>European Journal of Human Genetics</i> , <b>2016</b> , 24, 1488-95	5.3	18
46	Shared and specific genetic risk factors for lifetime major depression, depressive symptoms and neuroticism in three population-based twin samples. <i>Psychological Medicine</i> , <b>2019</b> , 49, 2745-2753	6.9	18
45	Genome-wide Regional Heritability Mapping Identifies a Locus Within the TOX2 Gene Associated With Major Depressive Disorder. <i>Biological Psychiatry</i> , <b>2017</b> , 82, 312-321	7.9	17
44	Heritability of Transforming Growth Factor- $\beta$ and Tumor Necrosis Factor-Receptor Type 1 Expression and Vitamin D Levels in Healthy Adolescent Twins. <i>Twin Research and Human Genetics</i> , <b>2015</b> , 18, 28-35	2.2	16
43	Modeling the direction of causation between cross-sectional measures of disrupted sleep, anxiety and depression in a sample of male and female Australian twins. <i>Journal of Sleep Research</i> , <b>2012</b> , 21, 675-83	5.8	16
42	Genetics of Insomnia. <i>Sleep Medicine Clinics</i> , <b>2011</b> , 6, 191-202	3.6	15

41	Genetic Correlation Analysis Suggests Association between Increased Self-Reported Sleep Duration in Adults and Schizophrenia and Type 2 Diabetes. <i>Sleep</i> , <b>2016</b> , 39, 1853-1857	1.1	14
40	Cohort profile: the Australian genetics of depression study. <i>BMJ Open</i> , <b>2020</b> , 10, e032580	3	13
39	Comorbid Chronic Pain and Depression: Shared Risk Factors and Differential Antidepressant Effectiveness. <i>Frontiers in Psychiatry</i> , <b>2021</b> , 12, 643609	5	13
38	Minimal phenotyping yields GWAS hits of reduced specificity for major depression		12
37	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> , <b>2019</b> , 4, 91-100	3.4	12
36	Inference in Psychiatry via 2-Sample Mendelian Randomization-From Association to Causal Pathway?. <i>JAMA Psychiatry</i> , <b>2017</b> , 74, 1191-1192	14.5	11
35	Is Schizophrenia a Risk Factor for Breast Cancer?-Evidence From Genetic Data. <i>Schizophrenia Bulletin</i> , <b>2019</b> , 45, 1251-1256	1.3	11
34	Dissecting the Shared Genetic Architecture of Suicide Attempt, Psychiatric Disorders, and Known Risk Factors. <i>Biological Psychiatry</i> , <b>2021</b> ,	7.9	11
33	Genetic risk scores for major psychiatric disorders and the risk of postpartum psychiatric disorders. <i>Translational Psychiatry</i> , <b>2019</b> , 9, 288	8.6	10
32	PPD ACT: an app-based genetic study of postpartum depression. <i>Translational Psychiatry</i> , <b>2018</b> , 8, 260	8.6	10
31	Genetic control of temperament traits across species: association of autism spectrum disorder risk genes with cattle temperament. <i>Genetics Selection Evolution</i> , <b>2020</b> , 52, 51	4.9	9
30	Classical Human Leukocyte Antigen Alleles and C4 Haplotypes Are Not Significantly Associated With Depression. <i>Biological Psychiatry</i> , <b>2020</b> , 87, 419-430	7.9	9
29	Genome-wide meta-analysis of depression identifies 102 independent variants and highlights the importance of the prefrontal brain regions		8
28	A meta-analysis of the relationship between subjective sleep and depressive symptoms in adolescence. <i>Sleep Medicine</i> , <b>2021</b> , 79, 134-144	4.6	8
27	Symptom-level modelling unravels the shared genetic architecture of anxiety and depression. <i>Nature Human Behaviour</i> , <b>2021</b> , 5, 1432-1442	12.8	7
26	The Genetic Architecture of Depression in Individuals of East Asian Ancestry: A Genome-Wide Association Study. <i>JAMA Psychiatry</i> , <b>2021</b> , 78, 1258-1269	14.5	7
25	The relationship between insomnia and complex diseases-insights from genetic data. <i>Genome Medicine</i> , <b>2019</b> , 11, 57	14.4	6
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. <i>Biological Psychiatry</i> , <b>2020</b> , 88, 470-479	7.9	6

23	The use of common mitochondrial variants to detect and characterise population structure in the Australian population: implications for genome-wide association studies. <i>European Journal of Human Genetics</i> , <b>2008</b> , 16, 1396-403	5.3	6
22	Conditional GWAS analysis identifies putative disorder-specific SNPs for psychiatric disorders		6
21	Association study of common mitochondrial variants and cognitive ability. <i>Behavior Genetics</i> , <b>2009</b> , 39, 504-12	3.2	5
20	Genome-wide association analyses of chronotype in 697,828 individuals provides new insights into circadian rhythms in humans and links to disease		5
19	The Australian Genetics of Depression Study: Study Description and Sample Characteristics		5
18	Identifying the Common Genetic Basis of Antidepressant Response. <i>Biological Psychiatry Global Open Science</i> , <b>2021</b> ,		4
17	Investigating the relationship between iron and depression. <i>Journal of Psychiatric Research</i> , <b>2017</b> , 94, 148-155	5.2	3
16	Family-based mitochondrial association study of traits related to type 2 diabetes and the metabolic syndrome in adolescents. <i>Diabetologia</i> , <b>2009</b> , 52, 2359-2368	10.3	3
15	Polygenic Risk Scores Derived From Varying Definitions of Depression and Risk of Depression. <i>JAMA Psychiatry</i> , <b>2021</b> , 78, 1152-1160	14.5	3
14	Understanding genetic risk factors for common side effects of antidepressant medications. <i>Communications Medicine</i> , <b>2021</b> , 1,		2
13	The Australian Genetics of Depression Study: New Risk Loci and Dissecting Heterogeneity Between Subtypes.. <i>Biological Psychiatry</i> , <b>2021</b> ,	7.9	2
12	Dissecting the shared genetic architecture of suicide attempt, psychiatric disorders and known risk factors		2
11	Genome-wide association study of gastrointestinal disorders reinforces the link between the digestive tract and the nervous system		2
10	The influence of twin pair permutation on likelihood-based-estimates of genetic variance that require ordering of twin-pairs. <i>Behavior Genetics</i> , <b>2007</b> , 37, 617-20	3.2	1
9	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> , <b>2022</b> ,	3.5	1
8	Comorbid chronic pain and depression: Shared risk factors and differential antidepressant effectiveness		1
7	Schizophrenia polygenic risk scores in youth mental health: preliminary associations with diagnosis, clinical stage and functioning. <i>BJPsych Open</i> , <b>2021</b> , 7, e58	5	1
6	Transcriptome-based polygenic score links depression-related corticolimbic gene expression changes to sex-specific brain morphology and depression risk. <i>Neuropsychopharmacology</i> , <b>2021</b> , 46, 2304-2311 <sup>1</sup>	8.7	1

- 5 Potential Genetic Overlap Between Insomnia and Sleep Symptoms in Major Depressive Disorder: A Polygenic Risk Score Analysis.. *Frontiers in Psychiatry*, **2021**, 12, 734077 5 ○
- 4 Genetics and Genomic Basis of Sleep Disorders in Humans **2017**, 322-339.e7 ○
- 3 Future Directions in Genetics of Psychiatric Disorders **2014**, 311-337 ○
- 2 Genetic risk for chronic pain is associated with lower antidepressant effectiveness: Converging evidence for a depression subtype. *Australian and New Zealand Journal of Psychiatry*, **2021**, 48674211031491 2.6 ○
- 1 Nick Martin and the Genetics of Depression: Sample Size, Sample Size, Sample Size. *Twin Research and Human Genetics*, **2020**, 23, 109-111 2.2