

# Enda M Byrne

## List of Publications by Year in descending order

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Version: 2024-02-01

88  
papers

16,695  
citations

76196

40  
h-index

49773

87  
g-index

106  
all docs

106  
docs citations

106  
times ranked

20164  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression. <i>Nature Genetics</i> , 2018, 50, 668-681.	9.4	2,224
2	Genetic relationship between five psychiatric disorders estimated from genome-wide SNPs. <i>Nature Genetics</i> , 2013, 45, 984-994.	9.4	2,067
3	Genome-wide meta-analysis of depression identifies 102 independent variants and highlights the importance of the prefrontal brain regions. <i>Nature Neuroscience</i> , 2019, 22, 343-352.	7.1	1,589
4	Common schizophrenia alleles are enriched in mutation-intolerant genes and in regions under strong background selection. <i>Nature Genetics</i> , 2018, 50, 381-389.	9.4	1,332
5	Genome-wide association study identifies 30 loci associated with bipolar disorder. <i>Nature Genetics</i> , 2019, 51, 793-803.	9.4	1,191
6	A mega-analysis of genome-wide association studies for major depressive disorder. <i>Molecular Psychiatry</i> , 2013, 18, 497-511.	4.1	1,002
7	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. <i>Cell</i> , 2019, 179, 1469-1482.e11.	13.5	935
8	Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. <i>Nature</i> , 2014, 514, 92-97.	13.7	548
9	Thirty new loci for age at menarche identified by a meta-analysis of genome-wide association studies. <i>Nature Genetics</i> , 2010, 42, 1077-1085.	9.4	445
10	Genome-wide association analyses of chronotype in 697,828 individuals provides insights into circadian rhythms. <i>Nature Communications</i> , 2019, 10, 343.	5.8	417
11	Genome-wide association study of major depressive disorder: new results, meta-analysis, and lessons learned. <i>Molecular Psychiatry</i> , 2012, 17, 36-48.	4.1	405
12	Genome-Wide Association Analyses in 128,266 Individuals Identifies New Morningness and Sleep Duration Loci. <i>PLoS Genetics</i> , 2016, 12, e1006125.	1.5	308
13	Meta-analyses identify 13 loci associated with age at menopause and highlight DNA repair and immune pathways. <i>Nature Genetics</i> , 2012, 44, 260-268.	9.4	303
14	Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. <i>Molecular Psychiatry</i> , 2015, 20, 647-656.	4.1	235
15	Minimal phenotyping yields genome-wide association signals of low specificity for major depression. <i>Nature Genetics</i> , 2020, 52, 437-447.	9.4	207
16	Genome-wide association and longitudinal analyses reveal genetic loci linking pubertal height growth, pubertal timing and childhood adiposity. <i>Human Molecular Genetics</i> , 2013, 22, 2735-2747.	1.4	188
17	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
18	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> , 2017, 81, 325-335.	0.7	175

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19	Genome-wide association study of medication-use and associated disease in the UK Biobank. <i>Nature Communications</i> , 2019, 10, 1891.	5.8	140
20	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> , 2020, 88, 169-184.	0.7	137
21	A Genome-Wide Analysis of Liberal and Conservative Political Attitudes. <i>Journal of Politics</i> , 2011, 73, 271-285.	1.4	123
22	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
23	Genome-wide association analysis of coffee drinking suggests association with CYP1A1/CYP1A2 and NRCAM. <i>Molecular Psychiatry</i> , 2012, 17, 1116-1129.	4.1	112
24	A genome-wide association study of sleep habits and insomnia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2013, 162, 439-451.	1.1	104
25	GWAS of peptic ulcer disease implicates <i>Helicobacter pylori</i> infection, other gastrointestinal disorders and depression. <i>Nature Communications</i> , 2021, 12, 1146.	5.8	93
26	Monozygotic twins affected with major depressive disorder have greater variance in methylation than their unaffected co-twin. <i>Translational Psychiatry</i> , 2013, 3, e269-e269.	2.4	89
27	The Genetic Architecture of Depression in Individuals of East Asian Ancestry. <i>JAMA Psychiatry</i> , 2021, 78, 1258.	6.0	88
28	Hypermethylation in the ZBTB20 gene is associated with major depressive disorder. <i>Genome Biology</i> , 2014, 15, R56.	13.9	87
29	Does Childhood Trauma Moderate Polygenic Risk for Depression? A Meta-analysis of 5765 Subjects From the Psychiatric Genomics Consortium. <i>Biological Psychiatry</i> , 2018, 84, 138-147.	0.7	87
30	An Analysis of Two Genome-wide Association Meta-analyses Identifies a New Locus for Broad Depression Phenotype. <i>Biological Psychiatry</i> , 2017, 82, 322-329.	0.7	84
31	Unraveling the Genetic Etiology of Adult Antisocial Behavior: A Genome-Wide Association Study. <i>PLoS ONE</i> , 2012, 7, e45086.	1.1	80
32	Multi-locus genome-wide association analysis supports the role of glutamatergic synaptic transmission in the etiology of major depressive disorder. <i>Translational Psychiatry</i> , 2012, 2, e184-e184.	2.4	77
33	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> , 2012, 35, 967-975.	0.6	75
34	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
35	Applying polygenic risk scores to postpartum depression. <i>Archives of Women's Mental Health</i> , 2014, 17, 519-528.	1.2	62
36	Genetic risk score analysis indicates migraine with and without comorbid depression are genetically different disorders. <i>Human Genetics</i> , 2014, 133, 173-186.	1.8	60

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37	Genome-wide gene-environment interaction in depression: A systematic evaluation of candidate genes. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2018, 177, 40-49.	1.1	55
38	Comorbid Chronic Pain and Depression: Shared Risk Factors and Differential Antidepressant Effectiveness. <i>Frontiers in Psychiatry</i> , 2021, 12, 643609.	1.3	55
39	New data and an old puzzle: the negative association between schizophrenia and rheumatoid arthritis. <i>International Journal of Epidemiology</i> , 2015, 44, 1706-1721.	0.9	53
40	Association of Adiposity Genetic Variants With Menarche Timing in 92,105 Women of European Descent. <i>American Journal of Epidemiology</i> , 2013, 178, 451-460.	1.6	51
41	Conditional GWAS analysis to identify disorder-specific SNPs for psychiatric disorders. <i>Molecular Psychiatry</i> , 2021, 26, 2070-2081.	4.1	48
42	Symptom-level modelling unravels the shared genetic architecture of anxiety and depression. <i>Nature Human Behaviour</i> , 2021, 5, 1432-1442.	6.2	45
43	Cohort profile: the Australian genetics of depression study. <i>BMJ Open</i> , 2020, 10, e032580.	0.8	40
44	Testing the role of circadian genes in conferring risk for psychiatric disorders. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2014, 165, 254-260.	1.1	39
45	Introduction: What is a "gene"™ and why does it matter for political science?. <i>Journal of Theoretical Politics</i> , 2012, 24, 305-327.	0.3	32
46	Identifying the Common Genetic Basis of Antidepressant Response. <i>Biological Psychiatry Global Open Science</i> , 2022, 2, 115-126.	1.0	31
47	Shared and specific genetic risk factors for lifetime major depression, depressive symptoms and neuroticism in three population-based twin samples. <i>Psychological Medicine</i> , 2019, 49, 2745-2753.	2.7	30
48	Genetics of Sleep Disorders. <i>Psychiatric Clinics of North America</i> , 2015, 38, 667-681.	0.7	29
49	Power and SNP tagging in whole mitochondrial genome association studies. <i>Genome Research</i> , 2008, 18, 911-917.	2.4	27
50	Genetic variants in RBF3X are associated with sleep latency. <i>European Journal of Human Genetics</i> , 2016, 24, 1488-1495.	1.4	27
51	Association of the polygenic risk score for schizophrenia with mortality and suicidal behavior - A Danish population-based study. <i>Schizophrenia Research</i> , 2017, 184, 122-127.	1.1	27
52	Genetic risk scores for major psychiatric disorders and the risk of postpartum psychiatric disorders. <i>Translational Psychiatry</i> , 2019, 9, 288.	2.4	27
53	Classical Human Leukocyte Antigen Alleles and C4 Haplotypes Are Not Significantly Associated With Depression. <i>Biological Psychiatry</i> , 2020, 87, 419-430.	0.7	27
54	Genome-wide Regional Heritability Mapping Identifies a Locus Within the TOX2 Gene Associated With Major Depressive Disorder. <i>Biological Psychiatry</i> , 2017, 82, 312-321.	0.7	26

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55	Inference in Psychiatry via 2-Sample Mendelian Randomizationâ€”From Association to Causal Pathway?. JAMA Psychiatry, 2017, 74, 1191.	6.0	25
56	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
57	A meta-analysis of the relationship between subjective sleep and depressive symptoms in adolescence. Sleep Medicine, 2021, 79, 134-144.	0.8	25
58	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
59	Is Schizophrenia a Risk Factor for Breast Cancer?â€”Evidence From Genetic Data. Schizophrenia Bulletin, 2019, 45, 1251-1256.	2.3	24
60	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
61	Polygenic Risk Scores Derived From Varying Definitions of Depression and Risk of Depression. JAMA Psychiatry, 2021, 78, 1152.	6.0	22
62	Genetics of Insomnia. Sleep Medicine Clinics, 2011, 6, 191-202.	1.2	21
63	The Role of Genes in the Insomnia Phenotype. Sleep Medicine Clinics, 2013, 8, 323-331.	1.2	21
64	Modeling the direction of causation between cross-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
65	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
66	PPD ACT: an app-based genetic study of postpartum depression. Translational Psychiatry, 2018, 8, 260.	2.4	18
67	The Australian Genetics of Depression Study: New Risk Loci and Dissecting Heterogeneity Between Subtypes. Biological Psychiatry, 2022, 92, 227-235.	0.7	18
68	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
69	Perinatal depression is associated with a higher polygenic risk for major depressive disorder than non-perinatal depression. Depression and Anxiety, 2022, 39, 182-191.	2.0	16
70	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
71	Understanding genetic risk factors for common side effects of antidepressant medications. Communications Medicine, 2021, 1, .	1.9	15
72	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

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73	The relationship between insomnia and complex diseases—insights from genetic data. <i>Genome Medicine</i> , 2019, 11, 57.	3.6	13
74	Multi-Trait Genetic Analysis Identifies Autoimmune Loci Associated with Cutaneous Melanoma. <i>Journal of Investigative Dermatology</i> , 2022, 142, 1607-1616.	0.3	11
75	Investigating the relationship between iron and depression. <i>Journal of Psychiatric Research</i> , 2017, 94, 148-155.	1.5	10
76	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> , 2008, 16, 1396-1403.	1.4	6
77	Association Study of Common Mitochondrial Variants and Cognitive Ability. <i>Behavior Genetics</i> , 2009, 39, 504-512.	1.4	6
78	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
79	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
80	Family-based mitochondrial association study of traits related to type 2 diabetes and the metabolic syndrome in adolescents. <i>Diabetologia</i> , 2009, 52, 2359-2368.	2.9	4
81	Schizophrenia polygenic risk scores in youth mental health: preliminary associations with diagnosis, clinical stage and functioning. <i>BJPsych Open</i> , 2021, 7, e58.	0.3	4
82	Genetics and Genomic Basis of Sleep Disorders in Humans. , 2017, , 322-339.e7.		2
83	Potential Genetic Overlap Between Insomnia and Sleep Symptoms in Major Depressive Disorder: A Polygenic Risk Score Analysis. <i>Frontiers in Psychiatry</i> , 2021, 12, 734077.	1.3	2
84	Dynamic networks of psychological symptoms, impairment, substance use, and social support: The evolution of psychopathology among emerging adults. <i>European Psychiatry</i> , 2022, 65, .	0.1	2
85	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
86	The Influence of Twin Pair Permutation on Likelihood-Based-Estimates of Genetic Variance That Require Ordering of Twin-Pairs. <i>Behavior Genetics</i> , 2007, 37, 617-620.	1.4	1
87	Future Directions in Genetics of Psychiatric Disorders. , 2014, , 311-337.		1
88	Nick Martin and the Genetics of Depression: Sample Size, Sample Size, Sample Size. <i>Twin Research and Human Genetics</i> , 2020, 23, 109-111.	0.3	0