

Bryan J Mowry

List of Publications by Year in descending order

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120
papers

16,173
citations

57758

44
h-index

24982

109
g-index

127
all docs

127
docs citations

127
times ranked

17882
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic relationship between five psychiatric disorders estimated from genome-wide SNPs. Nature Genetics, 2013, 45, 984-994.	21.4	2,067
2	Genome-wide association analysis identifies 13 new risk loci for schizophrenia. Nature Genetics, 2013, 45, 1150-1159.	21.4	1,395
3	Genome Scan Meta-Analysis of Schizophrenia and Bipolar Disorder, Part II: Schizophrenia. American Journal of Human Genetics, 2003, 73, 34-48.	6.2	1,072
4	Common variants on chromosome 6p22.1 are associated with schizophrenia. Nature, 2009, 460, 753-757.	27.8	1,063
5	Identification of loci associated with schizophrenia by genome-wide association and follow-up. Nature Genetics, 2008, 40, 1053-1055.	21.4	977
6	Mapping genomic loci implicates genes and synaptic biology in schizophrenia. Nature, 2022, 604, 502-508.	27.8	929
7	Contribution of copy number variants to schizophrenia from a genome-wide study of 41,321 subjects. Nature Genetics, 2017, 49, 27-35.	21.4	838
8	Genome-wide association study of more than 40,000 bipolar disorder cases provides new insights into the underlying biology. Nature Genetics, 2021, 53, 817-829.	21.4	629
9	Cortical Brain Abnormalities in 4474 Individuals With Schizophrenia and 5098 Control Subjects via the Enhancing Neuro Imaging Genetics Through Meta Analysis (ENIGMA) Consortium. Biological Psychiatry, 2018, 84, 644-654.	1.3	627
10	The genetic architecture of the human cerebral cortex. Science, 2020, 367, .	12.6	450
11	Comparative genetic architectures of schizophrenia in East Asian and European populations. Nature Genetics, 2019, 51, 1670-1678.	21.4	440
12	Genome-wide Association Studies in Ancestrally Diverse Populations: Opportunities, Methods, Pitfalls, and Recommendations. Cell, 2019, 179, 589-603.	28.9	428
13	Copy Number Variants in Schizophrenia: Confirmation of Five Previous Findings and New Evidence for 3q29 Microdeletions and VIPR2 Duplications. American Journal of Psychiatry, 2011, 168, 302-316.	7.2	398
14	No Significant Association of 14 Candidate Genes With Schizophrenia in a Large European Ancestry Sample: Implications for Psychiatric Genetics. American Journal of Psychiatry, 2008, 165, 497-506.	7.2	323
15	Genetic Influences on Cost-Efficient Organization of Human Cortical Functional Networks. Journal of Neuroscience, 2011, 31, 3261-3270.	3.6	273
16	A combined analysis of D22S278 marker alleles in affected sib-pairs: Support for a susceptibility locus for schizophrenia at chromosome 22q12. , 1996, 67, 40-45.		205
17	Multicenter Linkage Study of Schizophrenia Candidate Regions on Chromosomes 5q, 6q, 10p, and 13q: Schizophrenia Linkage Collaborative Group III **The Schizophrenia Linkage Collaborative Group III includes all authors, who are listed in the following order: study coordinators (Levinson, Holmans), principal investigators of each research group (Straub, Owen, Wildenauer, Gejman, Pulver, Laurent), and additional authors from each group, with groups listed according to the number of pedigrees contributed. Partic. American Journal of Human Genetics, 2000, 67, 652-663.	6.2	199
18	Additional support for schizophrenia linkage on chromosomes 6 and 8: A multicenter study. , 1996, 67, 580-594.		166

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19	Identification and Analysis of Error Types in High-Throughput Genotyping. American Journal of Human Genetics, 2000, 67, 727-736.	6.2	166
20	Low maternal vitamin D as a risk factor for schizophrenia: a pilot study using banked sera. Schizophrenia Research, 2003, 63, 73-78.	2.0	163
21	Genomewide Linkage Scan of 409 European-Ancestry and African American Families with Schizophrenia: Suggestive Evidence of Linkage at 8p23.3-p21.2 and 11p13.1-q14.1 in the Combined Sample. American Journal of Human Genetics, 2006, 78, 315-333.	6.2	141
22	Increased power by harmonizing structural MRI site differences with the ComBat batch adjustment method in ENIGMA. Neurolmage, 2020, 218, 116956.	4.2	135
23	Immune dysregulation and self-reactivity in schizophrenia: Do some cases of schizophrenia have an autoimmune basis?. Immunology and Cell Biology, 2005, 83, 9-17.	2.3	127
24	Genome-Wide Association Study of Clinical Dimensions of Schizophrenia: Polygenic Effect on Disorganized Symptoms. American Journal of Psychiatry, 2012, 169, 1309-1317.	7.2	112
25	Minor Physical Anomalies and Quantitative Measures of the Head and Face in Patients With Psychosis. Archives of General Psychiatry, 2002, 59, 458.	12.3	101
26	Polymorphisms in the Trace Amine Receptor 4 (TRAR4) Gene on Chromosome 6q23.2 Are Associated with Susceptibility to Schizophrenia. American Journal of Human Genetics, 2004, 75, 624-638.	6.2	101
27	Follow-up study on a susceptibility locus for schizophrenia on chromosome 6q. , 1999, 88, 337-343.		95
28	Cross-ethnic meta-analysis identifies association of the GPX3-TNIP1 locus with amyotrophic lateral sclerosis. Nature Communications, 2017, 8, 611.	12.8	93
29	Fine-scaled human genetic structure revealed by SNP microarrays. Genome Research, 2009, 19, 815-825.	5.5	91
30	A Rare Functional Noncoding Variant at the GWAS-Implicated MIR137/MIR2682 Locus Might Confer Risk to Schizophrenia and Bipolar Disorder. American Journal of Human Genetics, 2014, 95, 744-753.	6.2	91
31	Australian Schizophrenia Research Bank: a database of comprehensive clinical, endophenotypic and genetic data for aetiological studies of schizophrenia. Australian and New Zealand Journal of Psychiatry, 2010, 44, 1029-35.	2.3	90
32	Quantification of physical illness in psychiatric research in the elderly. International Journal of Geriatric Psychiatry, 1990, 5, 161-170.	2.7	87
33	No Major Schizophrenia Locus Detected on Chromosome 1q in a Large Multicenter Sample. Science, 2002, 296, 739-741.	12.6	85
34	White Matter Disruptions in Schizophrenia Are Spatially Widespread and Topologically Converge on Brain Network Hubs. Schizophrenia Bulletin, 2017, 43, sbw100.	4.3	85
35	Interpreting the role of de novo protein-coding mutations in neuropsychiatric disease. Nature Genetics, 2013, 45, 234-238.	21.4	76
36	The emerging spectrum of allelic variation in schizophrenia: current evidence and strategies for the identification and functional characterization of common and rare variants. Molecular Psychiatry, 2013, 18, 38-52.	7.9	75

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37	Additive Genetic Variation in Schizophrenia Risk Is Shared by Populations of African and European Descent. <i>American Journal of Human Genetics</i> , 2013, 93, 463-470.	6.2	72
38	Second stage of a genome scan of schizophrenia: Study of five positive regions in an expanded sample. <i>American Journal of Medical Genetics Part A</i> , 2000, 96, 864-869.	2.4	71
39	Schizophrenia susceptibility and chromosome 6p24-22. <i>Nature Genetics</i> , 1995, 11, 233-234.	21.4	69
40	Evidence of altered prefrontal-thalamic circuitry in schizophrenia: An optimized diffusion MRI study. <i>NeuroImage</i> , 2006, 32, 16-22.	4.2	67
41	Genome-Wide Association Study of Multiplex Schizophrenia Pedigrees. <i>American Journal of Psychiatry</i> , 2012, 169, 963-973.	7.2	61
42	A linkage study of schizophrenia to markers within Xp11 near the MAOB gene. <i>Psychiatry Research</i> , 1997, 70, 131-143.	3.3	60
43	Identification of Sialyltransferase 8B as a Generalized Susceptibility Gene for Psychotic and Mood Disorders on Chromosome 15q25-26. <i>PLoS ONE</i> , 2012, 7, e38172.	2.5	60
44	Olanzapine Treatment is Associated with Reduced High Molecular Weight Adiponectin in Serum. <i>Journal of Clinical Psychopharmacology</i> , 2006, 26, 232-237.	1.4	59
45	New data and an old puzzle: the negative association between schizophrenia and rheumatoid arthritis. <i>International Journal of Epidemiology</i> , 2015, 44, 1706-1721.	1.9	53
46	Neurexins in autism and schizophrenia—a review of patient mutations, mouse models and potential future directions. <i>Molecular Psychiatry</i> , 2021, 26, 747-760.	7.9	53
47	Evidence for Genetic Overlap Between Schizophrenia and Age at First Birth in Women. <i>JAMA Psychiatry</i> , 2016, 73, 497.	11.0	51
48	Association of Schizophrenia Risk With Disordered Niacin Metabolism in an Indian Genome-wide Association Study. <i>JAMA Psychiatry</i> , 2019, 76, 1026.	11.0	51
49	The Internet-Based MGS2 Control Sample: Self Report of Mental Illness. <i>American Journal of Psychiatry</i> , 2010, 167, 854-865.	7.2	48
50	Fibroblast and Lymphoblast Gene Expression Profiles in Schizophrenia: Are Non-Neural Cells Informative?. <i>PLoS ONE</i> , 2008, 3, e2412.	2.5	45
51	Interaction Testing and Polygenic Risk Scoring to Estimate the Association of Common Genetic Variants With Treatment Resistance in Schizophrenia. <i>JAMA Psychiatry</i> , 2022, 79, 260.	11.0	44
52	The Lifetime Dimensions of Psychosis Scale (LDPS): Description and Interrater Reliability. <i>Schizophrenia Bulletin</i> , 2002, 28, 683-695.	4.3	43
53	Genetic Diversity of the Human Serotonin Receptor 1B (HTR1B) Gene. <i>Genomics</i> , 2001, 72, 1-14.	2.9	34
54	Directional and fluctuating asymmetry in finger and a-b ridge counts in psychosis: a case-control study. <i>BMC Psychiatry</i> , 2003, 3, 3.	2.6	33

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55	Genome-Wide Association Study Suggested the <i>PTPRD</i> Polymorphisms Were Associated With Weight Gain Effects of Atypical Antipsychotic Medications. Schizophrenia Bulletin, 2016, 42, 814-823.	4.3	32
56	Urban birth and migrant status as risk factors for psychosis: an Australian case-control study. Social Psychiatry and Psychiatric Epidemiology, 2001, 36, 533-536.	3.1	31
57	Susceptibility Locus on Chromosome 1q23-25 for a Schizophrenia Subtype Resembling Deficit Schizophrenia Identified by Latent Class Analysis. Archives of General Psychiatry, 2009, 66, 1058.	12.3	30
58	A Brief Measure of Vocational Activity and Community Participation: Development and Reliability of the Activity and Participation Questionnaire. Australian and New Zealand Journal of Psychiatry, 2010, 44, 258-266.	2.3	30
59	DSM-IV "Criterion A" Schizophrenia Symptoms Across Ethnically Different Populations: Evidence for Differing Psychotic Symptom Content or Structural Organization?. Culture, Medicine and Psychiatry, 2014, 38, 408-426.	1.2	29
60	Predictability of Rehospitalisation over 5 Years for Schizophrenia, Bipolar Disorder and Depression. Australian and New Zealand Journal of Psychiatry, 1998, 32, 281-286.	2.3	28
61	Tumor necrosis factor haplotype analysis amongst schizophrenia probands from four distinct populations in the Asia-Pacific region. American Journal of Medical Genetics Part A, 2003, 121B, 1-6.	2.4	28
62	Replicated effects of sex and genotype on gene expression in human lymphoblastoid cell lines. Human Molecular Genetics, 2007, 16, 364-373.	2.9	25
63	Interest in Employment Among People with Schizophrenia. American Journal of Psychiatric Rehabilitation, 2015, 18, 187-207.	0.7	24
64	No Reliable Association between Runs of Homozygosity and Schizophrenia in a Well-Powered Replication Study. PLoS Genetics, 2016, 12, e1006343.	3.5	24
65	From Galen's theory to William Harvey's theory: A case study in the rationality of scientific theory change. Studies in History and Philosophy of Science Part A, 1985, 16, 49-82.	1.2	23
66	Whole-exome sequencing in amyotrophic lateral sclerosis suggests NEK1 is a risk gene in Chinese. Genome Medicine, 2017, 9, 97.	8.2	23
67	Association Study of the Dystrobrevin-Binding Gene With Schizophrenia in Australian and Indian Samples. Twin Research and Human Genetics, 2006, 9, 531-539.	0.6	21
68	Strong Evidence for a Novel Schizophrenia Risk Locus on Chromosome 1p31.1 in Homogeneous Pedigrees From Tamil Nadu, India. American Journal of Psychiatry, 2009, 166, 206-215.	7.2	19
69	Elevated levels of autoantibodies targeting the M1 muscarinic acetylcholine receptor and neurofilament medium in sera from subgroups of patients with schizophrenia. Journal of Neuroimmunology, 2014, 269, 68-75.	2.3	19
70	Significant relationship between lifetime alcohol use disorders and suicide attempts in an Australian schizophrenia sample. Australian and New Zealand Journal of Psychiatry, 2012, 46, 132-140.	2.3	18
71	Stria terminalis, amygdala, and temporoparietal junction networks facilitate efficient emotion processing under expectations. Human Brain Mapping, 2019, 40, 5382-5396.	3.6	18
72	Small non-coding RNA expression from anterior cingulate cortex in schizophrenia shows sex specific regulation. Schizophrenia Research, 2017, 183, 82-87.	2.0	17

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73	Ancestry of the Iban Is Predominantly Southeast Asian: Genetic Evidence from Autosomal, Mitochondrial, and Y Chromosomes. PLoS ONE, 2011, 6, e16338.	2.5	17
74	CTLA-4 single-nucleotide polymorphisms in a Caucasian population with schizophrenia. Brain, Behavior, and Immunity, 2009, 23, 347-350.	4.1	16
75	Mentalizing in schizophrenia: A multivariate functional MRI study. Neuropsychologia, 2016, 93, 158-166.	1.6	16
76	The Molecular Genetics of Schizophrenia: An Update. Australian and New Zealand Journal of Psychiatry, 1997, 31, 704-713.	2.3	15
77	Cannabis abuse and age at onset in schizophrenia patients with large, rare copy number variants. Schizophrenia Research, 2014, 155, 21-25.	2.0	15
78	Copy number deletion burden is associated with cognitive, structural, and resting-state network differences in patients with schizophrenia. Behavioural Brain Research, 2014, 272, 324-334.	2.2	14
79	Penetrance of schizophrenia-related disorders in multiplex families after correction for ascertainment. , 1996, 13, 11-21.		12
80	Dynamic emotion perception and prior expectancy. Neuropsychologia, 2016, 86, 131-140.	1.6	12
81	Replication of GWAS identified miR-137 and its target gene polymorphisms in Schizophrenia of South Indian population and meta-analysis with Psychiatric Genomics Consortium. Schizophrenia Research, 2018, 199, 189-194.	2.0	12
82	The importance of modelling heterogeneity in complex disease: application to NIMH Schizophrenia Genetics Initiative data. Human Genetics, 2005, 117, 160-167.	3.8	11
83	Association between schizophrenia polygenic risk and neural correlates of emotion perception. Psychiatry Research - Neuroimaging, 2018, 276, 33-40.	1.8	11
84	Virtual Ontogeny of Cortical Growth Preceding Mental Illness. Biological Psychiatry, 2022, 92, 299-313.	1.3	11
85	Comparison between Register and Structured Interview Diagnoses of Schizophrenia: A Case for Longitudinal Diagnostic Profiles. Australian and New Zealand Journal of Psychiatry, 1998, 32, 410-414.	2.3	10
86	Hybridization-based reconstruction of small non-coding RNA transcripts from deep sequencing data. Nucleic Acids Research, 2012, 40, 7633-7643.	14.5	10
87	Genome-wide analyses of smoking behaviors in schizophrenia: Findings from the Psychiatric Genomics Consortium. Journal of Psychiatric Research, 2021, 137, 215-224.	3.1	10
88	Rates of treated schizophrenia and its clinical and cultural features in the population isolate of the Iban of Sarawak: a tri-diagnostic approach. Psychological Medicine, 2005, 35, 281-293.	4.5	9
89	Design and Clinical Characteristics of a Homogeneous Schizophrenia Pedigree Sample from Tamil Nadu, India. Australian and New Zealand Journal of Psychiatry, 2009, 43, 561-570.	2.3	9
90	Wnt receptor gene FZD1 was associated with schizophrenia in genome-wide SNP analysis of the Australian Schizophrenia Research Bank cohort. Australian and New Zealand Journal of Psychiatry, 2020, 54, 902-908.	2.3	9

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91	Association Study of the Dystrobrevin-Binding Gene With Schizophrenia in Australian and Indian Samples. <i>Twin Research and Human Genetics</i> , 2006, 9, 531-539.	0.6	9
92	Reliability and validity of a measure of role functioning among people with psychiatric disabilities. <i>Australian Occupational Therapy Journal</i> , 2011, 58, 203-208.	1.1	8
93	Season of Birth and Schizophrenia in Tasmania. <i>Australian and New Zealand Journal of Psychiatry</i> , 1997, 31, 57-61.	2.3	7
94	Puerperal Psychosis: Associated Clinical Features in a Psychiatric Hospital Mother-Baby Unit. <i>Australian and New Zealand Journal of Psychiatry</i> , 1998, 32, 287-290.	2.3	7
95	Reliability of a scale of work-related self-efficacy for people with psychiatric disabilities. <i>International Journal of Rehabilitation Research</i> , 2010, 33, 183-186.	1.3	7
96	Clinical and parental age characteristics of rare copy number variant burden in patients with schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2015, 168, 374-382.	1.7	7
97	Is there a role for antibodies targeting muscarinic acetylcholine receptors in the pathogenesis of schizophrenia?. <i>Australian and New Zealand Journal of Psychiatry</i> , 2019, 53, 1059-1069.	2.3	7
98	Genetic Linkage and Schizophrenia: Methods, Recent Findings and Future Directions. <i>Australian and New Zealand Journal of Psychiatry</i> , 1993, 27, 200-218.	2.3	6
99	No support for linkage to the bipolar regions on chromosomes 4p, 18p, or 18q in 43 schizophrenia pedigrees. , 2000, 96, 224-227.		6
100	Refining clinical phenotypes by contrasting ethnically different populations with schizophrenia from Australia, India and Sarawak. <i>Psychiatry Research</i> , 2012, 196, 194-200.	3.3	6
101	Verbal Initiation, Suppression, and Strategy Use and the Relationship with Clinical Symptoms in Schizophrenia. <i>Journal of the International Neuropsychological Society</i> , 2016, 22, 735-743.	1.8	6
102	Role functioning among adults with schizophrenia. <i>British Journal of Occupational Therapy</i> , 2015, 78, 158-165.	0.9	5
103	Minor allele C of rs12807809 polymorphism in NRG1 contributes to the severity of psychosis in patients with Schizophrenia in South Indian population. <i>Neuroscience Letters</i> , 2017, 649, 107-111.	2.1	5
104	Reply to: New Meta- and Mega-analyses of Magnetic Resonance Imaging Findings in Schizophrenia: Do They Really Increase Our Knowledge About the Nature of the Disease Process?. <i>Biological Psychiatry</i> , 2019, 85, e35-e39.	1.3	5
105	Cognitive and structural neuroimaging characteristics of schizophrenia patients with large, rare copy number deletions. <i>Psychiatry Research - Neuroimaging</i> , 2014, 224, 311-318.	1.8	4
106	Neural correlates of dynamic emotion perception in schizophrenia and the influence of prior expectations. <i>Schizophrenia Research</i> , 2018, 202, 129-137.	2.0	4
107	The Reliability of an Education-related Self-efficacy Scale for People with Psychiatric Disabilities. <i>Community Mental Health Journal</i> , 2011, 47, 136-142.	2.0	3
108	Pipeline for generating stable large genomic deletions in zebrafish, from small domains to whole gene excisions. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	3

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109	Affected-only multiplex pedigree analysis of GAW10 problem 2. , 1997, 14, 1029-1034.		2
110	Will Brain Cells Derived From Induced Pluripotent Stem Cells or Directly Converted From Somatic Cells (iNs) Be Useful for Schizophrenia Research?. Schizophrenia Bulletin, 2013, 39, 948-954.	4.3	2
111	Comparing schizophrenia symptoms in the <scp>I</scp>ban of <scp>S</scp>arawak with other populations to elucidate clinical heterogeneity. Asia-Pacific Psychiatry, 2015, 7, 36-44.	2.2	2
112	Correlates of employment interest among adults with schizophrenia. International Journal of Therapy and Rehabilitation, 2017, 24, 510-519.	0.3	2
113	Follow-up study on a susceptibility locus for schizophrenia on chromosome 6q. American Journal of Medical Genetics Part A, 1999, 88, 337-343.	2.4	2
114	Genetics of Schizophrenia. , 1999, , .		2
115	Psychiatric genetics in Australia. Psychiatric Genetics, 2003, 13, 131-141.	1.1	1
116	Queensland Centre for Mental Health Research: The First 17 Years. Australian and New Zealand Journal of Psychiatry, 2005, 39, 533-541.	2.3	1
117	Future Directions in Genetics of Psychiatric Disorders. , 2014, , 311-337.		1
118	The status of genetic investigations of schizophrenia. , 0, , 288-308.		0
119	Pilot study of Hirsutism in women with psychiatric disorders. Biological Psychiatry, 1996, 39, 149-151.	1.3	0
120	Reliability and validity of a measure of work-related subjective experiences among people with psychiatric disabilities. International Journal of Therapy and Rehabilitation, 2011, 18, 146-155.	0.3	0