

Sarah E Bergen

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

23,096
citations

38660

50
h-index

30848

102
g-index

112
all docs

112
docs citations

112
times ranked

26371
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic relationship between five psychiatric disorders estimated from genome-wide SNPs. <i>Nature Genetics</i> , 2013, 45, 984-994.	9.4	2,067
2	Genome-wide association study identifies five new schizophrenia loci. <i>Nature Genetics</i> , 2011, 43, 969-976.	9.4	1,758
3	Genome-wide association analysis identifies 13 new risk loci for schizophrenia. <i>Nature Genetics</i> , 2013, 45, 1150-1159.	9.4	1,395
4	A polygenic burden of rare disruptive mutations in schizophrenia. <i>Nature</i> , 2014, 506, 185-190.	13.7	1,305
5	Large-scale genome-wide association analysis of bipolar disorder identifies a new susceptibility locus near ODZ4. <i>Nature Genetics</i> , 2011, 43, 977-983.	9.4	1,283
6	Genome-wide association study identifies 30 loci associated with bipolar disorder. <i>Nature Genetics</i> , 2019, 51, 793-803.	9.4	1,191
7	Modeling Linkage Disequilibrium Increases Accuracy of Polygenic Risk Scores. <i>American Journal of Human Genetics</i> , 2015, 97, 576-592.	2.6	1,098
8	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018, 360, .	6.0	1,085
9	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. <i>Cell</i> , 2019, 179, 1469-1482.e11.	13.5	935
10	Mapping genomic loci implicates genes and synaptic biology in schizophrenia. <i>Nature</i> , 2022, 604, 502-508.	13.7	929
11	Contribution of copy number variants to schizophrenia from a genome-wide study of 41,321 subjects. <i>Nature Genetics</i> , 2017, 49, 27-35.	9.4	838
12	Psychiatric genome-wide association study analyses implicate neuronal, immune and histone pathways. <i>Nature Neuroscience</i> , 2015, 18, 199-209.	7.1	701
13	Genome-wide association study of more than 40,000 bipolar disorder cases provides new insights into the underlying biology. <i>Nature Genetics</i> , 2021, 53, 817-829.	9.4	629
14	Genomic Dissection of Bipolar Disorder and Schizophrenia, Including 28 Subphenotypes. <i>Cell</i> , 2018, 173, 1705-1715.e16.	13.5	623
15	Partitioning Heritability of Regulatory and Cell-Type-Specific Variants across 11 Common Diseases. <i>American Journal of Human Genetics</i> , 2014, 95, 535-552.	2.6	569
16	Discovery and Statistical Genotyping of Copy-Number Variation from Whole-Exome Sequencing Depth. <i>American Journal of Human Genetics</i> , 2012, 91, 597-607.	2.6	513
17	Age-Related Changes in Heritability of Behavioral Phenotypes Over Adolescence and Young Adulthood: A Meta-Analysis. <i>Twin Research and Human Genetics</i> , 2007, 10, 423-433.	0.3	398
18	Copy Number Variants in Schizophrenia: Confirmation of Five Previous Findings and New Evidence for 3q29 Microdeletions and VIPR2 Duplications. <i>American Journal of Psychiatry</i> , 2011, 168, 302-316.	4.0	398

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19	Relationship of Brain-Derived Neurotrophic Factor and Its Receptor TrkB to Altered Inhibitory Prefrontal Circuitry in Schizophrenia. <i>Journal of Neuroscience</i> , 2005, 25, 372-383.	1.7	390
20	Genomic and drug target evaluation of 90 cardiovascular proteins in 30,931 individuals. <i>Nature Metabolism</i> , 2020, 2, 1135-1148.	5.1	327
21	Copy number variation in schizophrenia in Sweden. <i>Molecular Psychiatry</i> , 2014, 19, 762-773.	4.1	257
22	Extremely low-coverage sequencing and imputation increases power for genome-wide association studies. <i>Nature Genetics</i> , 2012, 44, 631-635.	9.4	239
23	Genome-wide association study in a Swedish population yields support for greater CNV and MHC involvement in schizophrenia compared with bipolar disorder. <i>Molecular Psychiatry</i> , 2012, 17, 880-886.	4.1	230
24	Joint Analysis of Psychiatric Disorders Increases Accuracy of Risk Prediction for Schizophrenia, Bipolar Disorder, and Major Depressive Disorder. <i>American Journal of Human Genetics</i> , 2015, 96, 283-294.	2.6	225
25	Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. <i>Nature Neuroscience</i> , 2016, 19, 420-431.	7.1	204
26	Genome-wide association study of 40,000 individuals identifies two novel loci associated with bipolar disorder. <i>Human Molecular Genetics</i> , 2016, 25, 3383-3394.	1.4	182
27	Evidence for genetic heterogeneity between clinical subtypes of bipolar disorder. <i>Translational Psychiatry</i> , 2017, 7, e993-e993.	2.4	162
28	Genome-wide association study of borderline personality disorder reveals genetic overlap with bipolar disorder, major depression and schizophrenia. <i>Translational Psychiatry</i> , 2017, 7, e1155-e1155.	2.4	150
29	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
30	Bipolar disorder and its relation to major psychiatric disorders: a family-based study in the Swedish population. <i>Bipolar Disorders</i> , 2015, 17, 184-193.	1.1	119
31	Estimation of Genetic Correlation via Linkage Disequilibrium Score Regression and Genomic Restricted Maximum Likelihood. <i>American Journal of Human Genetics</i> , 2018, 102, 1185-1194.	2.6	119
32	Validation of Electronic Health Record Phenotyping of Bipolar Disorder Cases and Controls. <i>American Journal of Psychiatry</i> , 2015, 172, 363-372.	4.0	116
33	Genome-Wide Association Study of Clinical Dimensions of Schizophrenia: Polygenic Effect on Disorganized Symptoms. <i>American Journal of Psychiatry</i> , 2012, 169, 1309-1317.	4.0	112
34	High density methylation QTL analysis in human blood via next-generation sequencing of the methylated genomic DNA fraction. <i>Genome Biology</i> , 2015, 16, 291.	3.8	112
35	Common DISC1 Polymorphisms Disrupt Wnt/GSK3 ^β Signaling and Brain Development. <i>Neuron</i> , 2011, 72, 545-558.	3.8	110
36	Schizophrenia and subsequent neighborhood deprivation: revisiting the social drift hypothesis using population, twin and molecular genetic data. <i>Translational Psychiatry</i> , 2016, 6, e796-e796.	2.4	110

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37	Joint Contributions of Rare Copy Number Variants and Common SNPs to Risk for Schizophrenia. <i>American Journal of Psychiatry</i> , 2019, 176, 29-35.	4.0	104
38	A Comparison of Ten Polygenic Score Methods for Psychiatric Disorders Applied Across Multiple Cohorts. <i>Biological Psychiatry</i> , 2021, 90, 611-620.	0.7	103
39	Suicidal Behavior During Lithium and Valproate Treatment: A Within-Individual 8-Year Prospective Study of 50,000 Patients With Bipolar Disorder. <i>American Journal of Psychiatry</i> , 2017, 174, 795-802.	4.0	98
40	Cerebrospinal fluid metabolomics identifies a key role of isocitrate dehydrogenase in bipolar disorder: evidence in support of mitochondrial dysfunction hypothesis. <i>Molecular Psychiatry</i> , 2016, 21, 1504-1510.	4.1	95
41	Pyramidal cell size reduction in schizophrenia: evidence for involvement of auditory feedforward circuits. <i>Biological Psychiatry</i> , 2004, 55, 1128-1137.	0.7	87
42	Anatomical Evidence of Impaired Feedforward Auditory Processing in Schizophrenia. <i>Biological Psychiatry</i> , 2007, 61, 854-864.	0.7	73
43	Cis-acting regulation of brain-specific ANK3 gene expression by a genetic variant associated with bipolar disorder. <i>Molecular Psychiatry</i> , 2013, 18, 922-929.	4.1	73
44	Genome-wide association studies of schizophrenia. <i>Current Opinion in Psychiatry</i> , 2012, 25, 76-82.	3.1	72
45	A genome-wide association study of kynurenic acid in cerebrospinal fluid: implications for psychosis and cognitive impairment in bipolar disorder. <i>Molecular Psychiatry</i> , 2016, 21, 1342-1350.	4.1	71
46	Implication of a Rare Deletion at Distal 16p11.2 in Schizophrenia. <i>JAMA Psychiatry</i> , 2013, 70, 253.	6.0	69
47	Genome-wide association study identifies SESTD1 as a novel risk gene for lithium-responsive bipolar disorder. <i>Molecular Psychiatry</i> , 2016, 21, 1290-1297.	4.1	69
48	Genetic modifiers and subtypes in schizophrenia: Investigations of age at onset, severity, sex and family history. <i>Schizophrenia Research</i> , 2014, 154, 48-53.	1.1	68
49	Allelic differences between Europeans and Chinese for CREB1 SNPs and their implications in gene expression regulation, hippocampal structure and function, and bipolar disorder susceptibility. <i>Molecular Psychiatry</i> , 2014, 19, 452-461.	4.1	61
50	Sex-Dependent Shared and Nonshared Genetic Architecture Across Mood and Psychotic Disorders. <i>Biological Psychiatry</i> , 2022, 91, 102-117.	0.7	61
51	Environmental Risk Factors for Schizophrenia and Bipolar Disorder and Their Relationship to Genetic Risk: Current Knowledge and Future Directions. <i>Frontiers in Genetics</i> , 2021, 12, 686666.	1.1	61
52	The protocadherin 17 gene affects cognition, personality, amygdala structure and function, synapse development and risk of major mood disorders. <i>Molecular Psychiatry</i> , 2018, 23, 400-412.	4.1	60
53	A principal component approach to improve association testing with polygenic risk scores. <i>Genetic Epidemiology</i> , 2020, 44, 676-686.	0.6	56
54	Longitudinal Cortical Thickness Changes in Bipolar Disorder and the Relationship to Genetic Risk, Mania, and Lithium Use. <i>Biological Psychiatry</i> , 2020, 87, 271-281.	0.7	46

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55	Contribution of Rare Copy Number Variants to Bipolar Disorder Risk Is Limited to Schizoaffective Cases. <i>Biological Psychiatry</i> , 2019, 86, 110-119.	0.7	45
56	Polymorphisms in SLC6A4, PAH, GABRB3, and MAOB and modification of psychotic disorder features. <i>Schizophrenia Research</i> , 2009, 109, 94-97.	1.1	38
57	The association between Darier disease, bipolar disorder, and schizophrenia revisited: a population-based family study. <i>Bipolar Disorders</i> , 2015, 17, 340-344.	1.1	37
58	Specificity in Etiology of Subtypes of Bipolar Disorder: Evidence From a Swedish Population-Based Family Study. <i>Biological Psychiatry</i> , 2018, 84, 810-816.	0.7	37
59	Association of Youth Depression With Subsequent Somatic Diseases and Premature Death. <i>JAMA Psychiatry</i> , 2021, 78, 302.	6.0	35
60	A Loss-of-Function Variant in a Minor Isoform of ANK3 Protects Against Bipolar Disorder and Schizophrenia. <i>Biological Psychiatry</i> , 2016, 80, 323-330.	0.7	31
61	Socioeconomic Status and Social Support Following Illicit Drug Use: Causal Pathways or Common Liability?. <i>Twin Research and Human Genetics</i> , 2008, 11, 266-274.	0.3	29
62	Analysis of schizophrenia-related genes and electrophysiological measures reveals ZNF804A association with amplitude of P300b elicited by novel sounds. <i>Translational Psychiatry</i> , 2014, 4, e346-e346.	2.4	29
63	Elevated expression of a minor isoform of ANK3 is a risk factor for bipolar disorder. <i>Translational Psychiatry</i> , 2018, 8, 210.	2.4	24
64	Modifiers and Subtype-Specific Analyses in Whole-Genome Association Studies: A Likelihood Framework. <i>Human Heredity</i> , 2011, 72, 10-20.	0.4	20
65	Convergent Lines of Evidence Support LRP8 as a Susceptibility Gene for Psychosis. <i>Molecular Neurobiology</i> , 2016, 53, 6608-6619.	1.9	20
66	The role of ADHD genetic risk in mid-to-late life somatic health conditions. <i>Translational Psychiatry</i> , 2022, 12, 152.	2.4	20
67	Lack of Support for the Genes by Early Environment Interaction Hypothesis in the Pathogenesis of Schizophrenia. <i>Schizophrenia Bulletin</i> , 2022, 48, 20-26.	2.3	19
68	Technological readiness and implementation of genomic-driven precision medicine for complex diseases. <i>Journal of Internal Medicine</i> , 2021, 290, 602-620.	2.7	18
69	Familial co-aggregation of schizophrenia and eating disorders in Sweden and Denmark. <i>Molecular Psychiatry</i> , 2021, 26, 5389-5397.	4.1	17
70	Polygenic risk for anxiety influences anxiety comorbidity and suicidal behavior in bipolar disorder. <i>Translational Psychiatry</i> , 2020, 10, 298.	2.4	16
71	Combined Whole Methylome and Genomewide Association Study Implicates <i>CNTN4</i> in Alcohol Use. <i>Alcoholism: Clinical and Experimental Research</i> , 2015, 39, 1396-1405.	1.4	15
72	Investigating rare pathogenic/likely pathogenic exonic variation in bipolar disorder. <i>Molecular Psychiatry</i> , 2021, 26, 5239-5250.	4.1	15

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73	Association Study of 167 Candidate Genes for Schizophrenia Selected by a Multi-Domain Evidence-Based Prioritization Algorithm and Neurodevelopmental Hypothesis. <i>PLoS ONE</i> , 2013, 8, e67776.	1.1	15
74	Acute intermittent porphyria: Comorbidity and shared familial risks with schizophrenia and bipolar disorder in Sweden. <i>British Journal of Psychiatry</i> , 2015, 207, 556-557.	1.7	14
75	Association of family history of schizophrenia and clinical outcomes in individuals with eating disorders. <i>Psychological Medicine</i> , 2021, , 1-8.	2.7	14
76	Novel disease associations with schizophrenia genetic risk revealed in ~400,000 UK Biobank participants. <i>Molecular Psychiatry</i> , 2022, 27, 1448-1454.	4.1	13
77	Impact of a cis-associated gene expression SNP on chromosome 20q11.22 on bipolar disorder susceptibility, hippocampal structure and cognitive performance. <i>British Journal of Psychiatry</i> , 2016, 208, 128-137.	1.7	11
78	Genes, biomarkers, and clinical features associated with the course of bipolar disorder. <i>European Neuropsychopharmacology</i> , 2019, 29, 1152-1160.	0.3	11
79	Genetic variation in 117 myelination-related genes in schizophrenia: Replication of association to lipid biosynthesis genes. <i>Scientific Reports</i> , 2018, 8, 6915.	1.6	10
80	Characterization of Single Gene Copy Number Variants in Schizophrenia. <i>Biological Psychiatry</i> , 2020, 87, 736-744.	0.7	10
81	Genetic risk for bipolar disorder and schizophrenia predicts structure and function of the ventromedial prefrontal cortex. <i>Journal of Psychiatry and Neuroscience</i> , 2021, 46, E441-E450.	1.4	10
82	Novel gene-brain structure relationships in psychotic disorder revealed using parallel independent component analyses. <i>Schizophrenia Research</i> , 2017, 182, 74-83.	1.1	9
83	Identification of a Bipolar Disorder Vulnerable Gene CHDH at 3p21.1. <i>Molecular Neurobiology</i> , 2017, 54, 5166-5176.	1.9	9
84	Cross-sex shifts in two brain imaging phenotypes and their relation to polygenic scores for same-sex sexual behavior: A study of 18,645 individuals from the UK Biobank. <i>Human Brain Mapping</i> , 2021, 42, 2292-2304.	1.9	8
85	Genome-wide study of immune biomarkers in cerebrospinal fluid and serum from patients with bipolar disorder and controls. <i>Translational Psychiatry</i> , 2020, 10, 58.	2.4	8
86	National-scale precision medicine for psychiatric disorders in Sweden. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2018, 177, 630-634.	1.1	7
87	Detection of susceptibility genes as modifiers due to subgroup differences in complex disease. <i>European Journal of Human Genetics</i> , 2010, 18, 960-964.	1.4	6
88	Polygenic association with severity and long-term outcome in eating disorder cases. <i>Translational Psychiatry</i> , 2022, 12, 61.	2.4	6
89	No association of dysbindin with symptom factors of schizophrenia in an Irish case-control sample. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2010, 153B, 700-705.	1.1	5
90	Chronicity and Sex Affect Genetic Risk Prediction in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2020, 11, 313.	1.3	5

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91	Improving lithium dose prediction using population pharmacokinetics and pharmacogenomics: a cohort genome-wide association study in Sweden. <i>Lancet Psychiatry</i> , 2022, 9, 447-457.	3.7	4
92	A loop-counting method for covariate-corrected low-rank biclustering of gene-expression and genome-wide association study data. <i>PLoS Computational Biology</i> , 2018, 14, e1006105.	1.5	3
93	Association of severe childhood infections with depression and intentional self-harm in adolescents and young adults. <i>Brain, Behavior, and Immunity</i> , 2022, 99, 247-255.	2.0	3
94	Population-based identity-by-descent mapping combined with exome sequencing to detect rare risk variants for schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2019, 180, 223-231.	1.1	2
95	Overview of CAPICE "Childhood and Adolescence Psychopathology: unravelling the complex etiology by a large Interdisciplinary Collaboration in Europe" an EU Marie Skłodowska-Curie International Training Network. <i>European Child and Adolescent Psychiatry</i> , 2021, , 1.	2.8	2
96	Genetic Modifiers and Subtypes in Schizophrenia. <i>Current Behavioral Neuroscience Reports</i> , 2014, 1, 197-205.	0.6	1
97	Polygenic Risk for Anxiety Influences Anxiety Comorbidity and Suicidal Behavior in Bipolar Disorder. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
98	Parsing psychosis subtypes through investigations of rare genetic variants. <i>EBioMedicine</i> , 2016, 6, 16-17.	2.7	0