

Sarah E Bergen

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

23,096
citations

38742

50
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30922

102
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112
docs citations

112
times ranked

26371
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex-Dependent Shared and Nonshared Genetic Architecture Across Mood and Psychotic Disorders. <i>Biological Psychiatry</i> , 2022, 91, 102-117.	1.3	61
2	Lack of Support for the Genes by Early Environment Interaction Hypothesis in the Pathogenesis of Schizophrenia. <i>Schizophrenia Bulletin</i> , 2022, 48, 20-26.	4.3	19
3	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.	4.1	3
4	Novel disease associations with schizophrenia genetic risk revealed in ~400,000 UK Biobank participants. <i>Molecular Psychiatry</i> , 2022, 27, 1448-1454.	7.9	13
5	Polygenic association with severity and long-term outcome in eating disorder cases. <i>Translational Psychiatry</i> , 2022, 12, 61.	4.8	6
6	Mapping genomic loci implicates genes and synaptic biology in schizophrenia. <i>Nature</i> , 2022, 604, 502-508.	27.8	929
7	The role of ADHD genetic risk in mid-to-late life somatic health conditions. <i>Translational Psychiatry</i> , 2022, 12, 152.	4.8	20
8	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.	7.4	4
9	Familial co-aggregation of schizophrenia and eating disorders in Sweden and Denmark. <i>Molecular Psychiatry</i> , 2021, 26, 5389-5397.	7.9	17
10	Association of Youth Depression With Subsequent Somatic Diseases and Premature Death. <i>JAMA Psychiatry</i> , 2021, 78, 302.	11.0	35
11	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.	4.7	2
12	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.	3.6	8
13	Association of family history of schizophrenia and clinical outcomes in individuals with eating disorders. <i>Psychological Medicine</i> , 2021, , 1-8.	4.5	14
14	A Comparison of Ten Polygenic Score Methods for Psychiatric Disorders Applied Across Multiple Cohorts. <i>Biological Psychiatry</i> , 2021, 90, 611-620.	1.3	103
15	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.	21.4	629
16	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.	2.3	61
17	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.	2.4	10
18	Technological readiness and implementation of genomic-driven precision medicine for complex diseases. <i>Journal of Internal Medicine</i> , 2021, 290, 602-620.	6.0	18

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19	Investigating rare pathogenic/likely pathogenic exonic variation in bipolar disorder. <i>Molecular Psychiatry</i> , 2021, 26, 5239-5250.	7.9	15
20	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.	1.3	46
21	Characterization of Single Gene Copy Number Variants in Schizophrenia. <i>Biological Psychiatry</i> , 2020, 87, 736-744.	1.3	10
22	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.	1.3	137
23	Genomic and drug target evaluation of 90 cardiovascular proteins in 30,931 individuals. <i>Nature Metabolism</i> , 2020, 2, 1135-1148.	11.9	327
24	A principal component approach to improve association testing with polygenic risk scores. <i>Genetic Epidemiology</i> , 2020, 44, 676-686.	1.3	56
25	Polygenic risk for anxiety influences anxiety comorbidity and suicidal behavior in bipolar disorder. <i>Translational Psychiatry</i> , 2020, 10, 298.	4.8	16
26	Chronicity and Sex Affect Genetic Risk Prediction in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2020, 11, 313.	2.6	5
27	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.	4.8	8
28	Genes, biomarkers, and clinical features associated with the course of bipolar disorder. <i>European Neuropsychopharmacology</i> , 2019, 29, 1152-1160.	0.7	11
29	Genome-wide association study identifies 30 loci associated with bipolar disorder. <i>Nature Genetics</i> , 2019, 51, 793-803.	21.4	1,191
30	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.	1.7	2
31	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. <i>Cell</i> , 2019, 179, 1469-1482.e11.	28.9	935
32	Joint Contributions of Rare Copy Number Variants and Common SNPs to Risk for Schizophrenia. <i>American Journal of Psychiatry</i> , 2019, 176, 29-35.	7.2	104
33	Contribution of Rare Copy Number Variants to Bipolar Disorder Risk Is Limited to Schizoaffective Cases. <i>Biological Psychiatry</i> , 2019, 86, 110-119.	1.3	45
34	Genetic variation in 117 myelination-related genes in schizophrenia: Replication of association to lipid biosynthesis genes. <i>Scientific Reports</i> , 2018, 8, 6915.	3.3	10
35	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.	7.9	60
36	Specificity in Etiology of Subtypes of Bipolar Disorder: Evidence From a Swedish Population-Based Family Study. <i>Biological Psychiatry</i> , 2018, 84, 810-816.	1.3	37

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37	National-scale precision medicine for psychiatric disorders in Sweden. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2018, 177, 630-634.	1.7	7
38	Elevated expression of a minor isoform of ANK3 is a risk factor for bipolar disorder. Translational Psychiatry, 2018, 8, 210.	4.8	24
39	A loop-counting method for covariate-corrected low-rank biclustering of gene-expression and genome-wide association study data. PLoS Computational Biology, 2018, 14, e1006105.	3.2	3
40	Estimation of Genetic Correlation via Linkage Disequilibrium Score Regression and Genomic Restricted Maximum Likelihood. American Journal of Human Genetics, 2018, 102, 1185-1194.	6.2	119
41	Analysis of shared heritability in common disorders of the brain. Science, 2018, 360, .	12.6	1,085
42	Genomic Dissection of Bipolar Disorder and Schizophrenia, Including 28 Subphenotypes. Cell, 2018, 173, 1705-1715.e16.	28.9	623
43	Evidence for genetic heterogeneity between clinical subtypes of bipolar disorder. Translational Psychiatry, 2017, 7, e993-e993.	4.8	162
44	Genome-wide association study of borderline personality disorder reveals genetic overlap with bipolar disorder, major depression and schizophrenia. Translational Psychiatry, 2017, 7, e1155-e1155.	4.8	150
45	Suicidal Behavior During Lithium and Valproate Treatment: A Within-Individual 8-Year Prospective Study of 50,000 Patients With Bipolar Disorder. American Journal of Psychiatry, 2017, 174, 795-802.	7.2	98
46	Novel gene-brain structure relationships in psychotic disorder revealed using parallel independent component analyses. Schizophrenia Research, 2017, 182, 74-83.	2.0	9
47	Identification of a Bipolar Disorder Vulnerable Gene CHDH at 3p21.1. Molecular Neurobiology, 2017, 54, 5166-5176.	4.0	9
48	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
49	Schizophrenia and subsequent neighborhood deprivation: revisiting the social drift hypothesis using population, twin and molecular genetic data. Translational Psychiatry, 2016, 6, e796-e796.	4.8	110
50	Genome-wide association study of 40,000 individuals identifies two novel loci associated with bipolar disorder. Human Molecular Genetics, 2016, 25, 3383-3394.	2.9	182
51	Parsing psychosis subtypes through investigations of rare genetic variants. EBioMedicine, 2016, 6, 16-17.	6.1	0
52	Cerebrospinal fluid metabolomics identifies a key role of isocitrate dehydrogenase in bipolar disorder: evidence in support of mitochondrial dysfunction hypothesis. Molecular Psychiatry, 2016, 21, 1504-1510.	7.9	95
53	A genome-wide association study of kynurenic acid in cerebrospinal fluid: implications for psychosis and cognitive impairment in bipolar disorder. Molecular Psychiatry, 2016, 21, 1342-1350.	7.9	71
54	Convergent Lines of Evidence Support LRP8 as a Susceptibility Gene for Psychosis. Molecular Neurobiology, 2016, 53, 6608-6619.	4.0	20

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55	Impact of a <i>cis</i> -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.	2.8	11
56	Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. <i>Nature Neuroscience</i> , 2016, 19, 420-431.	14.8	204
57	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.	1.3	31
58	Genome-wide association study identifies SESTD1 as a novel risk gene for lithium-responsive bipolar disorder. <i>Molecular Psychiatry</i> , 2016, 21, 1290-1297.	7.9	69
59	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.	2.4	15
60	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.	2.8	14
61	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.	8.8	112
62	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.	6.2	225
63	Psychiatric genome-wide association study analyses implicate neuronal, immune and histone pathways. <i>Nature Neuroscience</i> , 2015, 18, 199-209.	14.8	701
64	Validation of Electronic Health Record Phenotyping of Bipolar Disorder Cases and Controls. <i>American Journal of Psychiatry</i> , 2015, 172, 363-372.	7.2	116
65	Modeling Linkage Disequilibrium Increases Accuracy of Polygenic Risk Scores. <i>American Journal of Human Genetics</i> , 2015, 97, 576-592.	6.2	1,098
66	The association between Darier disease, bipolar disorder, and schizophrenia revisited: a population-based family study. <i>Bipolar Disorders</i> , 2015, 17, 340-344.	1.9	37
67	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.	1.9	119
68	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.	4.8	29
69	Genetic Modifiers and Subtypes in Schizophrenia. <i>Current Behavioral Neuroscience Reports</i> , 2014, 1, 197-205.	1.3	1
70	Genetic modifiers and subtypes in schizophrenia: Investigations of age at onset, severity, sex and family history. <i>Schizophrenia Research</i> , 2014, 154, 48-53.	2.0	68
71	A polygenic burden of rare disruptive mutations in schizophrenia. <i>Nature</i> , 2014, 506, 185-190.	27.8	1,305
72	Partitioning Heritability of Regulatory and Cell-Type-Specific Variants across 11 Common Diseases. <i>American Journal of Human Genetics</i> , 2014, 95, 535-552.	6.2	569

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73	Copy number variation in schizophrenia in Sweden. <i>Molecular Psychiatry</i> , 2014, 19, 762-773.	7.9	257
74	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.	7.9	61
75	Genome-wide association analysis identifies 13 new risk loci for schizophrenia. <i>Nature Genetics</i> , 2013, 45, 1150-1159.	21.4	1,395
76	Genetic relationship between five psychiatric disorders estimated from genome-wide SNPs. <i>Nature Genetics</i> , 2013, 45, 984-994.	21.4	2,067
77	Implication of a Rare Deletion at Distal 16p11.2 in Schizophrenia. <i>JAMA Psychiatry</i> , 2013, 70, 253.	11.0	69
78	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.	7.9	73
79	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.	2.5	15
80	Genome-Wide Association Study of Clinical Dimensions of Schizophrenia: Polygenic Effect on Disorganized Symptoms. <i>American Journal of Psychiatry</i> , 2012, 169, 1309-1317.	7.2	112
81	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.	7.9	230
82	Genome-wide association studies of schizophrenia. <i>Current Opinion in Psychiatry</i> , 2012, 25, 76-82.	6.3	72
83	Discovery and Statistical Genotyping of Copy-Number Variation from Whole-Exome Sequencing Depth. <i>American Journal of Human Genetics</i> , 2012, 91, 597-607.	6.2	513
84	Extremely low-coverage sequencing and imputation increases power for genome-wide association studies. <i>Nature Genetics</i> , 2012, 44, 631-635.	21.4	239
85	Genome-wide association study identifies five new schizophrenia loci. <i>Nature Genetics</i> , 2011, 43, 969-976.	21.4	1,758
86	Common DISC1 Polymorphisms Disrupt Wnt/GSK3 β Signaling and Brain Development. <i>Neuron</i> , 2011, 72, 545-558.	8.1	110
87	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.	7.2	398
88	Large-scale genome-wide association analysis of bipolar disorder identifies a new susceptibility locus near ODZ4. <i>Nature Genetics</i> , 2011, 43, 977-983.	21.4	1,283
89	Modifiers and Subtype-Specific Analyses in Whole-Genome Association Studies: A Likelihood Framework. <i>Human Heredity</i> , 2011, 72, 10-20.	0.8	20
90	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.	1.7	5

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91	Detection of susceptibility genes as modifiers due to subgroup differences in complex disease. European Journal of Human Genetics, 2010, 18, 960-964.	2.8	6
92	Polymorphisms in SLC6A4, PAH, GABRB3, and MAOB and modification of psychotic disorder features. Schizophrenia Research, 2009, 109, 94-97.	2.0	38
93	Socioeconomic Status and Social Support Following Illicit Drug Use: Causal Pathways or Common Liability?. Twin Research and Human Genetics, 2008, 11, 266-274.	0.6	29
94	Age-Related Changes in Heritability of Behavioral Phenotypes Over Adolescence and Young Adulthood: A Meta-Analysis. Twin Research and Human Genetics, 2007, 10, 423-433.	0.6	398
95	Anatomical Evidence of Impaired Feedforward Auditory Processing in Schizophrenia. Biological Psychiatry, 2007, 61, 854-864.	1.3	73
96	Relationship of Brain-Derived Neurotrophic Factor and Its Receptor TrkB to Altered Inhibitory Prefrontal Circuitry in Schizophrenia. Journal of Neuroscience, 2005, 25, 372-383.	3.6	390
97	Pyramidal cell size reduction in schizophrenia: evidence for involvement of auditory feedforward circuits. Biological Psychiatry, 2004, 55, 1128-1137.	1.3	87
98	Polygenic Risk for Anxiety Influences Anxiety Comorbidity and Suicidal Behavior in Bipolar Disorder. SSRN Electronic Journal, 0, , .	0.4	1