

Tracey L Petryshen

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

17,177
citations

76294

40
h-index

85498

71
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84
all docs

84
docs citations

84
times ranked

24574
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.	0.7	61
2	Mapping genomic loci implicates genes and synaptic biology in schizophrenia. <i>Nature</i> , 2022, 604, 502-508.	13.7	929
3	Memantine treatment does not affect compulsive behavior or frontostriatal connectivity in an adolescent rat model for quinpirole-induced compulsive checking behavior. <i>Psychopharmacology</i> , 2022, 239, 2457-2470.	1.5	2
4	Genome-wide analyses of smoking behaviors in schizophrenia: Findings from the Psychiatric Genomics Consortium. <i>Journal of Psychiatric Research</i> , 2021, 137, 215-224.	1.5	10
5	Examining Sex-Differentiated Genetic Effects Across Neuropsychiatric and Behavioral Traits. <i>Biological Psychiatry</i> , 2021, 89, 1127-1137.	0.7	48
6	The Relationship Between Polygenic Risk Scores and Cognition in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2020, 46, 336-344.	2.3	60
7	Structural and functional MRI of altered brain development in a novel adolescent rat model of quinpirole-induced compulsive checking behavior. <i>European Neuropsychopharmacology</i> , 2020, 33, 58-70.	0.3	7
8	MOLECULAR STUDIES OF THE ANKRYIN3 BIPOLAR DISORDER GWAS GENE IMPLICATE A ROLE IN MICROTUBULE DYNAMICS. <i>European Neuropsychopharmacology</i> , 2019, 29, S920-S921.	0.3	0
9	Drug discovery for psychiatric disorders using high-content single-cell screening of signaling network responses ex vivo. <i>Science Advances</i> , 2019, 5, eaau9093.	4.7	22
10	Gene expression imputation across multiple brain regions provides insights into schizophrenia risk. <i>Nature Genetics</i> , 2019, 51, 659-674.	9.4	154
11	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
12	Diffusion abnormalities in the corpus callosum in first episode schizophrenia: Associated with enlarged lateral ventricles and symptomatology. <i>Psychiatry Research</i> , 2019, 277, 45-51.	1.7	14
13	A comparison of neurocognition and functioning in first episode psychosis populations: do research samples reflect the real world?. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2019, 54, 291-301.	1.6	12
14	Utilizing Mutual Information Analysis to Explore the Relationship Between Gray and White Matter Structural Pathologies in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2019, 45, 386-395.	2.3	7
15	Alteration of gray matter microstructure in schizophrenia. <i>Brain Imaging and Behavior</i> , 2018, 12, 54-63.	1.1	16
16	Abnormal relationships between local and global brain measures in subjects at clinical high risk for psychosis: a pilot study. <i>Brain Imaging and Behavior</i> , 2018, 12, 974-988.	1.1	7
17	T226. Genotype-By-Sex Interaction Effects in the Risk for Schizophrenia, Major Depressive Disorder, and Bipolar Disorder. <i>Biological Psychiatry</i> , 2018, 83, S216.	0.7	0
18	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

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19	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018, 360, .	6.0	1,085
20	Disruption of the psychiatric risk gene Ankyrin 3 enhances microtubule dynamics through GSK3/CRMP2 signaling. <i>Translational Psychiatry</i> , 2018, 8, 135.	2.4	26
21	Genomic Dissection of Bipolar Disorder and Schizophrenia, Including 28 Subphenotypes. <i>Cell</i> , 2018, 173, 1705-1715.e16.	13.5	623
22	The Genetics of Endophenotypes of Neurofunction to Understand Schizophrenia (GENUS) consortium: A collaborative cognitive and neuroimaging genetics project. <i>Schizophrenia Research</i> , 2018, 195, 306-317.	1.1	17
23	Lithium reverses behavioral and axonal transport-related changes associated with ANK3 bipolar disorder gene disruption. <i>European Neuropsychopharmacology</i> , 2017, 27, 274-288.	0.3	20
24	MiR-137-derived polygenic risk: effects on cognitive performance in patients with schizophrenia and controls. <i>Translational Psychiatry</i> , 2017, 7, e1012-e1012.	2.4	34
25	513. Functional Characterization of Ankyrin Loss of Function Mutations Associated with Autism Spectrum Disorder. <i>Biological Psychiatry</i> , 2017, 81, S208-S209.	0.7	0
26	222. Functional Studies of the Ankyrin3 Bipolar Disorder GWAS Gene in Mouse and Neuronal Models. <i>Biological Psychiatry</i> , 2017, 81, S91.	0.7	0
27	272. Ventricles, Corpus Callosum and MIR137 in Large N Study of Schizophrenia. <i>Biological Psychiatry</i> , 2017, 81, S111-S112.	0.7	0
28	701. Schizophrenia Genetic Risk Factors Are Associated with Cognitive Functions in the GENUS Consortium Collection. <i>Biological Psychiatry</i> , 2017, 81, S284.	0.7	0
29	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
30	Heritability of Neuropsychological Measures in Schizophrenia and Nonpsychiatric Populations: A Systematic Review and Meta-analysis. <i>Schizophrenia Bulletin</i> , 2017, 43, 788-800.	2.3	62
31	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
32	Tractography Analysis of 5 White Matter Bundles and Their Clinical and Cognitive Correlates in Early-Course Schizophrenia. <i>Schizophrenia Bulletin</i> , 2016, 42, 762-771.	2.3	45
33	Antidepressant-like effect of low dose ketamine and scopolamine co-treatment in mice. <i>Neuroscience Letters</i> , 2016, 620, 70-73.	1.0	22
34	A New MRI Masking Technique Based on Multi-atlas Brain Segmentation in Controls and Schizophrenia: A Rapid and Viable Alternative to Manual Masking. <i>Journal of Neuroimaging</i> , 2016, 26, 28-36.	1.0	23
35	Enlarged lateral ventricles inversely correlate with reduced corpus callosum central volume in first episode schizophrenia: association with functional measures. <i>Brain Imaging and Behavior</i> , 2016, 10, 1264-1273.	1.1	30
36	Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. <i>Nature Neuroscience</i> , 2016, 19, 420-431.	7.1	204

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37	Hyperactivity of caudate, parahippocampal, and prefrontal regions during working memory in never-medicated persons at clinical high-risk for psychosis. <i>Schizophrenia Research</i> , 2016, 173, 1-12.	1.1	15
38	Clinical high risk and first episode schizophrenia: Auditory event-related potentials. <i>Psychiatry Research - Neuroimaging</i> , 2015, 231, 126-133.	0.9	50
39	Modeling Linkage Disequilibrium Increases Accuracy of Polygenic Risk Scores. <i>American Journal of Human Genetics</i> , 2015, 97, 576-592.	2.6	1,098
40	Abnormal white matter connections between medial frontal regions predict symptoms in patients with first episode schizophrenia. <i>Cortex</i> , 2015, 71, 264-276.	1.1	20
41	Anterior commissural white matter fiber abnormalities in first-episode psychosis: A tractography study. <i>Schizophrenia Research</i> , 2015, 162, 29-34.	1.1	31
42	Ankyrin-G regulates neurogenesis and Wnt signaling by altering the subcellular localization of β -catenin. <i>Molecular Psychiatry</i> , 2015, 20, 388-397.	4.1	54
43	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
44	Molecular Profiles of Pyramidal Neurons in the Superior Temporal Cortex in Schizophrenia. <i>Journal of Neurogenetics</i> , 2014, 28, 53-69.	0.6	75
45	White Matter Microstructure in Individuals at Clinical High Risk of Psychosis: A Whole-Brain Diffusion Tensor Imaging Study. <i>Schizophrenia Bulletin</i> , 2014, 40, 895-903.	2.3	97
46	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
47	Biological insights from 108 schizophrenia-associated genetic loci. <i>Nature</i> , 2014, 511, 421-427.	13.7	6,934
48	Copy Number Variation in Obsessive-Compulsive Disorder and Tourette Syndrome: A Cross-Disorder Study. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2014, 53, 910-919.	0.3	111
49	Diffusion tensor imaging study of the fornix in first episode schizophrenia and in healthy controls. <i>Schizophrenia Research</i> , 2014, 156, 157-160.	1.1	23
50	The ankyrin-3 gene is associated with posttraumatic stress disorder and externalizing comorbidity. <i>Psychoneuroendocrinology</i> , 2013, 38, 2249-2257.	1.3	31
51	The ANK3 Bipolar Disorder Gene Regulates Psychiatric-Related Behaviors That Are Modulated by Lithium and Stress. <i>Biological Psychiatry</i> , 2013, 73, 683-690.	0.7	94
52	Sex differences in the genetic risk for schizophrenia: History of the evidence for sex-specific and sex-dependent effects. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2013, 162, 698-710.	1.1	83
53	A Selective HDAC 1/2 Inhibitor Modulates Chromatin and Gene Expression in Brain and Alters Mouse Behavior in Two Mood-Related Tests. <i>PLoS ONE</i> , 2013, 8, e71323.	1.1	118
54	Excessive Extracellular Volume Reveals a Neurodegenerative Pattern in Schizophrenia Onset. <i>Journal of Neuroscience</i> , 2012, 32, 17365-17372.	1.7	259

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55	Ankyrin 3: genetic association with bipolar disorder and relevance to disease pathophysiology. <i>Biology of Mood & Anxiety Disorders</i> , 2012, 2, 18.	4.7	48
56	Genome-wide association studies of schizophrenia. <i>Current Opinion in Psychiatry</i> , 2012, 25, 76-82.	3.1	72
57	Sex-specific rates of transmission of psychosis in the New England high-risk family study. <i>Schizophrenia Research</i> , 2011, 128, 150-155.	1.1	36
58	AKT Kinase Activity Is Required for Lithium to Modulate Mood-Related Behaviors in Mice. <i>Neuropsychopharmacology</i> , 2011, 36, 1397-1411.	2.8	98
59	Population genetic study of the brain-derived neurotrophic factor (BDNF) gene. <i>Molecular Psychiatry</i> , 2010, 15, 810-815.	4.1	227
60	The genetics of reading disability. <i>Current Psychiatry Reports</i> , 2009, 11, 149-155.	2.1	12
61	Genomic survey of prepulse inhibition in mouse chromosome substitution strains. <i>Genes, Brain and Behavior</i> , 2009, 8, 806-816.	1.1	11
62	Disrupted in Schizophrenia 1 Regulates Neuronal Progenitor Proliferation via Modulation of GSK3 β / β -Catenin Signaling. <i>Cell</i> , 2009, 136, 1017-1031.	13.5	703
63	Family-Based Association Study of Lithium-Related and Other Candidate Genes in Bipolar Disorder. <i>Archives of General Psychiatry</i> , 2008, 65, 53.	13.8	55
64	Schizophrenia: Do the Genetics and Neurobiology of Neuregulin Provide a Pathogenesis Model?. <i>Harvard Review of Psychiatry</i> , 2006, 14, 64-77.	0.9	8
65	Support for involvement of neuregulin 1 in schizophrenia pathophysiology. <i>Molecular Psychiatry</i> , 2005, 10, 366-374.	4.1	168
66	Genetic investigation of chromosome 5q GABAA receptor subunit genes in schizophrenia. <i>Molecular Psychiatry</i> , 2005, 10, 1074-1088.	4.1	112
67	Linkage disequilibrium and haplotype structure of five GABAA receptor subunit genes investigated for association with schizophrenia. <i>Molecular Psychiatry</i> , 2005, 10, 1057-1057.	4.1	8
68	Two Quantitative Trait Loci for Prepulse Inhibition of Startle Identified on Mouse Chromosome 16 Using Chromosome Substitution Strains. <i>Genetics</i> , 2005, 171, 1895-1904.	1.2	34
69	Fus1p Interacts With Components of the Hog1p Mitogen-Activated Protein Kinase and Cdc42p Morphogenesis Signaling Pathways to Control Cell Fusion During Yeast Mating. <i>Genetics</i> , 2004, 166, 67-77.	1.2	60
70	Assessing the impact of population stratification on genetic association studies. <i>Nature Genetics</i> , 2004, 36, 388-393.	9.4	734
71	Genome-wide scan in Portuguese Island families identifies 5q31-5q35 as a susceptibility locus for schizophrenia and psychosis. <i>Molecular Psychiatry</i> , 2004, 9, 213-218.	4.1	105
72	A dyslexia susceptibility locus (DYX7) linked to dopamine D4 receptor (DRD4) region on chromosome 11p15.5. <i>American Journal of Medical Genetics Part A</i> , 2004, 125B, 112-119.	2.4	55

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73	Confirmation of a dyslexia susceptibility locus on chromosome 1p34-p36 in a set of 100 Canadian families. American Journal of Medical Genetics Part A, 2004, 127B, 117-124.	2.4	60
74	Genomewide Linkage Analysis of Bipolar Disorder by Use of a High-Density Single-Nucleotide Polymorphism (SNP) Genotyping Assay: A Comparison with Microsatellite Marker Assays and Finding of Significant Linkage to Chromosome 6q22. American Journal of Human Genetics, 2004, 74, 886-897.	2.6	167
75	Supportive evidence for the DYX3 dyslexia susceptibility gene in Canadian families. Journal of Medical Genetics, 2002, 39, 125-126.	1.5	68
76	Evidence for a susceptibility locus on chromosome 6q influencing phonological coding dyslexia. American Journal of Medical Genetics Part A, 2001, 105, 507-517.	2.4	77
77	Absence of Significant Linkage between Phonological Coding Dyslexia and Chromosome 6p23-21.3, as Determined by Use of Quantitative-Trait Methods: Confirmation of Qualitative Analyses. American Journal of Human Genetics, 2000, 66, 708-714.	2.6	50