Transcriptome sequencing and genome-wide associatio
function and actin cytoskeleton remodeling in schizoph

Citation Report

#	Article	IF	Citations
1	The proteome of schizophrenia. NPJ Schizophrenia, 2015, 1, 14003.	2.0	96
2	Discovery and characterization of long intergenic non-coding RNAs (lincRNA) module biomarkers in prostate cancer: an integrative analysis of RNA-Seq data. BMC Genomics, 2015, 16, S3.	1.2	50
3	RNA Sequencing in Schizophrenia. Bioinformatics and Biology Insights, 2015, 9s1, BBI.S28992.	1.0	8
4	Altered Expression of CDC42 Signaling Pathway Components in Cortical Layer 3 Pyramidal Cells in Schizophrenia. Biological Psychiatry, 2015, 78, 775-785.	0.7	81
5	Non-muscle myosin II in disease: mechanisms and therapeutic opportunities. DMM Disease Models and Mechanisms, 2015, 8, 1495-515.	1.2	107
6	Innate immune response is differentially dysregulated between bipolar disease and schizophrenia. Schizophrenia Research, 2015, 161, 215-221.	1.1	58
7	Genetic studies of schizophrenia: an update. Neuroscience Bulletin, 2015, 31, 87-98.	1.5	33
8	Gastroenterology Issues in Schizophrenia: Why the Gut Matters. Current Psychiatry Reports, 2015, 17, 27.	2.1	145
9	EW_dmGWAS: edge-weighted dense module search for genome-wide association studies and gene expression profiles. Bioinformatics, 2015, 31, 2591-2594.	1.8	57
10	Functional genomics indicate that schizophrenia may be an adult vascular-ischemic disorder. Translational Psychiatry, 2015, 5, e616-e616.	2.4	38
11	Transcriptome Sequencing of the Anterior Cingulate in Bipolar Disorder: Dysregulation of G Protein-Coupled Receptors. American Journal of Psychiatry, 2015, 172, 1131-1140.	4.0	35
12	Genome-wide analysis implicates microRNAs and their target genes in the development of bipolar disorder. Translational Psychiatry, 2015, 5, e678-e678.	2.4	67
13	Common Variants in the MKL1 Gene Confer Risk of Schizophrenia. Schizophrenia Bulletin, 2015, 41, 715-727.	2.3	15
14	IgG dynamics of dietary antigens point to cerebrospinal fluid barrier or flow dysfunction in first-episode schizophrenia. Brain, Behavior, and Immunity, 2015, 44, 148-158.	2.0	48
15	Role of Immune and Autoimmune Dysfunction in Schizophrenia. Handbook of Behavioral Neuroscience, 2016, 23, 501-516.	0.7	1
16	Overexpression of Isoforms of Nitric Oxide Synthase 1 Adaptor Protein, Encoded by a Risk Gene for Schizophrenia, Alters Actin Dynamics and Synaptic Function. Frontiers in Cellular Neuroscience, 2016, 10, 6.	1.8	24
17	Proteomic and Microscopic Strategies towards the Analysis of the Cytoskeletal Networks in Major Neuropsychiatric Disorders. International Journal of Molecular Sciences, 2016, 17, 581.	1.8	7
18	Novel variants in <i>ZNF34</i> and other brainâ€expressed transcription factors are shared among earlyâ€onset MDD relatives. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2016, 171, 333-341.	1.1	24

#	Article	IF	Citations
19	Proteomic analysis of the postsynaptic density implicates synaptic function and energy pathways in bipolar disorder. Translational Psychiatry, 2016, 6, e959-e959.	2.4	49
20	The Proteome of BLOC-1 Genetic Defects Identifies the Arp2/3 Actin Polymerization Complex to Function Downstream of the Schizophrenia Susceptibility Factor Dysbindin at the Synapse. Journal of Neuroscience, 2016, 36, 12393-12411.	1.7	26
21	Transcriptome analysis of cortical tissue reveals shared sets of downregulated genes in autism and schizophrenia. Translational Psychiatry, 2016, 6, e817-e817.	2.4	38
22	Gene expression alterations related to mania and psychosis in peripheral blood of patients with a first episode of psychosis. Translational Psychiatry, 2016, 6, e908-e908.	2.4	26
23	Evaluating the association between the SHANK3 gene and bipolar disorder. Psychiatry Research, 2016, 244, 284-288.	1.7	10
24	A combined analysis of genome-wide expression profiling of bipolar disorder in human prefrontal cortex. Journal of Psychiatric Research, 2016, 82, 23-29.	1.5	6
25	Genetic Relationship between Schizophrenia and Nicotine Dependence. Scientific Reports, 2016, 6, 25671.	1.6	67
26	Consistently altered expression of gene sets in postmortem brains of individuals with major psychiatric disorders. Translational Psychiatry, 2016, 6, e890-e890.	2.4	63
28	Alterations in Prefrontal Cortical Circuitry and Cognitive Dysfunction in Schizophrenia. Nebraska Symposium on Motivation, 2016, 63, 31-75.	0.9	10
29	Deficits in axon–associated proteins in prefrontal white matter in bipolar disorder but not schizophrenia. Bipolar Disorders, 2016, 18, 342-351.	1.1	19
30	The stressed cytoskeleton: How actin dynamics can shape stress-related consequences on synaptic plasticity and complex behavior. Neuroscience and Biobehavioral Reviews, 2016, 62, 69-75.	2.9	18
31	Postmortem human brain genomics in neuropsychiatric disorders—how far can we go?. Current Opinion in Neurobiology, 2016, 36, 107-111.	2.0	20
32	Transcriptome sequencing implicates dorsal striatum-specific gene network, immune response and energy metabolism pathways in bipolar disorder. Molecular Psychiatry, 2017, 22, 441-449.	4.1	46
33	Molecular mechanisms underlying noncoding risk variations in psychiatric genetic studies. Molecular Psychiatry, 2017, 22, 497-511.	4.1	43
34	Early onset of inflammation during ontogeny of bipolar disorder: the NLRP2 inflammasome gene distinctly differentiates between patients and healthy controls in the transition between iPS cell and neural stem cell stages. Translational Psychiatry, 2017, 7, e1010-e1010.	2.4	38
35	Psychiatric behaviors associated with cytoskeletal defects in radial neuronal migration. Cellular and Molecular Life Sciences, 2017, 74, 3533-3552.	2.4	23
36	Genome-wide association study of borderline personality disorder reveals genetic overlap with bipolar disorder, major depression and schizophrenia. Translational Psychiatry, 2017, 7, e1155-e1155.	2.4	150
37	Transcriptome Alterations in Prefrontal Pyramidal Cells Distinguish Schizophrenia From Bipolar and Major Depressive Disorders. Biological Psychiatry, 2017, 82, 594-600.	0.7	73

#	ARTICLE	IF	CITATIONS
38	Integrated transcriptome and methylome analysis in youth at high risk for bipolar disorder: a preliminary analysis. Translational Psychiatry, 2017, 7, e1059-e1059.	2.4	24
39	Accumulation of minor alleles and risk prediction in schizophrenia. Scientific Reports, 2017, 7, 11661.	1.6	16
40	Mapping the Consequences of Impaired Synaptic Plasticity in Schizophrenia through Development: An Integrative Model for Diverse Clinical Features. Trends in Cognitive Sciences, 2017, 21, 760-778.	4.0	110
41	Ultrastructural Alterations of Von Economo Neurons in the Anterior Cingulate Cortex in Schizophrenia. Anatomical Record, 2017, 300, 2017-2024.	0.8	30
42	The epigenomics of schizophrenia, in the mouse. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2017, 174, 631-640.	1.1	12
43	Identification of a Bipolar Disorder Vulnerable Gene CHDH at 3p21.1. Molecular Neurobiology, 2017, 54, 5166-5176.	1.9	9
44	SZGR 2.0: a one-stop shop of schizophrenia candidate genes. Nucleic Acids Research, 2017, 45, D915-D924.	6.5	44
45	RhoGTPase Regulators Orchestrate Distinct Stages of Synaptic Development. PLoS ONE, 2017, 12, e0170464.	1.1	30
46	Temporal profiling of an acute stress-induced behavioral phenotype in mice and role of hippocampal DRR1. Psychoneuroendocrinology, 2018, 91, 149-158.	1.3	16
47	Bipolar disorder in youth is associated with increased levels of vitamin D-binding protein. Translational Psychiatry, 2018, 8, 61.	2.4	25
48	MEF2C transcription factor is associated with the genetic and epigenetic risk architecture of schizophrenia and improves cognition in mice. Molecular Psychiatry, 2018, 23, 123-132.	4.1	70
49	Neuregulin-2 ablation results in dopamine dysregulation and severe behavioral phenotypes relevant to psychiatric disorders. Molecular Psychiatry, 2018, 23, 1233-1243.	4.1	45
50	Cell Death Pathways: a Novel Therapeutic Approach for Neuroscientists. Molecular Neurobiology, 2018, 55, 5767-5786.	1.9	114
51	Replicated associations of FADS1, MAD1L1, and a rare variant at 10q26.13 with bipolar disorder in Chinese population. Translational Psychiatry, 2018, 8, 270.	2.4	21
52	Chromosomal Conformations and Epigenomic Regulation in Schizophrenia. Progress in Molecular Biology and Translational Science, 2018, 157, 21-40.	0.9	16
53	SAP97 regulates behavior and expression of schizophrenia risk enriched gene sets in mouse hippocampus. PLoS ONE, 2018, 13, e0200477.	1.1	15
54	Zinc finger and interferon-stimulated genes play a vital role in TB-IRIS following HAART in AIDS. Personalized Medicine, 2018, 15, 251-269.	0.8	7
55	INFERNO: inferring the molecular mechanisms of noncoding genetic variants. Nucleic Acids Research, 2018, 46, 8740-8753.	6.5	46

#	Article	IF	Citations
56	ConGEMs: Condensed Gene Co-Expression Module Discovery Through Rule-Based Clustering and Its Application to Carcinogenesis. Genes, 2018, 9, 7.	1.0	18
57	Compositional epistasis detection using a few prototype disease models. PLoS ONE, 2019, 14, e0213236.	1.1	1
58	Identification of NEK3 and MOK as novel targets for lithium. Chemical Biology and Drug Design, 2019, 93, 965-969.	1.5	0
59	Primary Ciliaâ€"An Underexplored Topic in Major Mental Illness. Frontiers in Psychiatry, 2019, 10, 104.	1.3	17
60	Microglia along sex lines: From brain colonization, maturation and function, to implication in neurodevelopmental disorders. Seminars in Cell and Developmental Biology, 2019, 94, 152-163.	2.3	51
61	Changed cortical risk gene expression in major depression and shared changes in cortical gene expression between major depression and bipolar disorders. Australian and New Zealand Journal of Psychiatry, 2019, 53, 1189-1198.	1.3	18
62	Commonality in dysregulated expression of gene sets in cortical brains of individuals with autism, schizophrenia, and bipolar disorder. Translational Psychiatry, 2019, 9, 152.	2.4	61
63	Regional Heterogeneity in Gene Expression, Regulation, and Coherence in the Frontal Cortex and Hippocampus across Development and Schizophrenia. Neuron, 2019, 103, 203-216.e8.	3.8	158
64	Current understanding of bipolar disorder: Toward integration of biological basis and treatment strategies. Psychiatry and Clinical Neurosciences, 2019, 73, 526-540.	1.0	80
65	Investigation of multi-trait associations using pathway-based analysis of GWAS summary statistics. BMC Genomics, 2019, 20, 79.	1.2	22
66	Fineâ€mapping scan of bipolar disorder susceptibility loci in Latino pedigrees. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2019, 180, 213-222.	1.1	2
67	Translational bioinformatics in mental health: open access data sources and computational biomarker discovery. Briefings in Bioinformatics, 2019, 20, 842-856.	3.2	16
68	Whole blood transcriptome analysis in bipolar disorder reveals strong lithium effect. Psychological Medicine, 2020, 50, 2575-2586.	2.7	20
69	Genome-Wide Meta-Analyses of FTND and TTFC Phenotypes. Nicotine and Tobacco Research, 2020, 22, 900-909.	1.4	17
70	Expression correlation attenuates within and between key signaling pathways in chronic kidney disease. BMC Medical Genomics, 2020, 13, 134.	0.7	9
71	Ubiquitinâ€"proteasome system, lipid metabolism and DNA damage repair are triggered by antipsychotic medication in human oligodendrocytes: implications in schizophrenia. Scientific Reports, 2020, 10, 12655.	1.6	14
72	nMAGMA: a network-enhanced method for inferring risk genes from GWAS summary statistics and its application to schizophrenia. Briefings in Bioinformatics, 2021, 22, .	3.2	4
73	Validity and utility of Hierarchical Taxonomy of Psychopathology (HiTOP): I. Psychosis superspectrum. World Psychiatry, 2020, 19, 151-172.	4.8	154

#	ARTICLE	IF	CITATIONS
74	Integrin adhesion in brain assembly: From molecular structure to neuropsychiatric disorders. European Journal of Neuroscience, 2021, 53, 3831-3850.	1.2	42
75	Gene expression and response prediction to amisulpride in the OPTiMiSE first episode psychoses. Neuropsychopharmacology, 2020, 45, 1637-1644.	2.8	5
76	Gene expression changes associated with trajectories of psychopathology in a longitudinal cohort of children and adolescents. Translational Psychiatry, 2020, 10, 99.	2.4	3
77	C2H2-Type Zinc Finger Proteins in Brain Development, Neurodevelopmental, and Other Neuropsychiatric Disorders: Systematic Literature-Based Analysis. Frontiers in Neurology, 2020, 11, 32.	1.1	40
78	Whole-exome sequencing of 81 individuals from 27 multiply affected bipolar disorder families. Translational Psychiatry, 2020, 10, 57.	2.4	23
79	Genome-wide association study of psychiatric and substance use comorbidity in Mexican individuals. Scientific Reports, 2021, 11, 6771.	1.6	3
80	Pyr1-Mediated Pharmacological Inhibition of LIM Kinase Restores Synaptic Plasticity and Normal Behavior in a Mouse Model of Schizophrenia. Frontiers in Pharmacology, 2021, 12, 627995.	1.6	8
81	Effects of the coâ€administration of MKâ€801 and clozapine on MiRNA expression profiles in rats. Basic and Clinical Pharmacology and Toxicology, 2021, 128, 758-772.	1.2	3
82	Rewired Pathways and Disrupted Pathway Crosstalk in Schizophrenia Transcriptomes by Multiple Differential Coexpression Methods. Genes, 2021, 12, 665.	1.0	7
83	MetaGSCA: A tool for meta-analysis of gene set differential coexpression. PLoS Computational Biology, 2021, 17, e1008976.	1.5	2
84	Beyond Neuronal Microtubule Stabilization: MAP6 and CRMPS, Two Converging Stories. Frontiers in Molecular Neuroscience, 2021, 14, 665693.	1.4	19
85	Brain-immune interactions in neuropsychiatric disorders: Lessons from transcriptome studies for molecular targeting. Biochemical Pharmacology, 2021, 188, 114532.	2.0	12
86	LIM-Kinases in Synaptic Plasticity, Memory, and Brain Diseases. Cells, 2021, 10, 2079.	1.8	21
87	Transcriptome Analysis of Post-Mortem Brain Tissue Reveals Up-Regulation of the Complement Cascade in a Subgroup of Schizophrenia Patients. Genes, 2021, 12, 1242.	1.0	12
88	Genetic variation in the exome: Associations with alcohol and tobacco co-use.. Psychology of Addictive Behaviors, 2017, 31, 354-366.	1.4	10
89	Mega-analysis of Odds Ratio: A Convergent Method for a Deep Understanding of the Genetic Evidence in Schizophrenia. Schizophrenia Bulletin, 2019, 45, 698-708.	2.3	17
92	Systematically characterizing dysfunctional long intergenic non-coding RNAs in multiple brain regions of major psychosis. Oncotarget, 2016, 7, 71087-71098.	0.8	43
93	The Gut Microbiota and the Emergence of Autoimmunity: Relevance to Major Psychiatric Disorders. Current Pharmaceutical Design, 2016, 22, 6076-6086.	0.9	15

#	ARTICLE	IF	CITATIONS
94	Genome-wide association study revealed genetic variations of ABA sensitivity controlled by multiple stress-related genes in rice. Stress Biology, 2021, 1, 1.	1.5	1
95	Mental depression: Relation to different disease status, newer treatments and its association with COVID-19 pandemic (Review). Molecular Medicine Reports, 2021, 24, .	1.1	13
98	Joint Gaussian copula model for mixed data with application to imaging epigenetics study of schizophrenia. , 2019, , .		0
102	Transcriptomics and machine learning to advance schizophrenia genetics: A case-control study using post-mortem brain data. Computer Methods and Programs in Biomedicine, 2022, 214, 106590.	2.6	1
103	Distinct Proteomic Profiles in Prefrontal Subareas of Major Depressive Disorder and Bipolar Disorder Patients. SSRN Electronic Journal, 0, , .	0.4	0
105	Common effects of bipolar disorder medications on expression quantitative trait loci genes. Journal of Psychiatric Research, 2022, 150, 105-112.	1.5	2
106	Bioinformatics and network-based approaches for determining pathways, signature molecules, and drug substances connected to genetic basis of schizophrenia etiology. Brain Research, 2022, 1785, 147889.	1.1	5
107	Differential expression of gene co-expression networks related to the mTOR signaling pathway in bipolar disorder. Translational Psychiatry, 2022, 12, 184.	2.4	4
108	Distinct proteomic profiles in prefrontal subareas of elderly major depressive disorder and bipolar disorder patients. Translational Psychiatry, 2022, 12, .	2.4	6
109	ARHGEF39, a Gene Implicated in Developmental Language Disorder, Activates RHOA and Is Involved in Cell De-Adhesion and Neural Progenitor Cell Proliferation. Frontiers in Molecular Neuroscience, 0, 15, .	1.4	1
110	Exploring Links Between Psychosis and Frontotemporal Dementia Using Multimodal Machine Learning. JAMA Psychiatry, 2022, 79, 907.	6.0	15
111	Classification for psychiatric disorders including schizophrenia, bipolar disorder, and major depressive disorder using machine learning. Computational and Structural Biotechnology Journal, 2022, 20, 5054-5064.	1.9	6
112	Protein Succinylation and Malonylation as Potential Biomarkers in Schizophrenia. Journal of Personalized Medicine, 2022, 12, 1408.	1.1	2
113	Dysfunction of mitochondria and GABAergic interneurons in the anterior cingulate cortex of individuals with schizophrenia. Neuroscience Research, 2022, 185, 67-72.	1.0	3
114	The microtubule cytoskeleton: An old validated target for novel therapeutic drugs. Frontiers in Pharmacology, 0, 13, .	1.6	15
115	Analysis of merged transcriptomic and genomic datasets to identify genes and pathways underlying residual feed intake in growing pigs. Scientific Reports, 2022, 12, .	1.6	2
116	Endo-Lysosomal and Autophagy Pathway and Ubiquitin-Proteasome System in Mood Disorders: A Review Article. Neuropsychiatric Disease and Treatment, 0, Volume 19, 133-151.	1.0	2
117	Serum Metabolic Profile in Schizophrenia Patients With Antipsychotic-Induced Constipation and Its relationship With Gut Microbiome. Schizophrenia Bulletin, 2023, 49, 646-658.	2.3	1

#	ARTICLE	IF	CITATIONS
118	Schizophrenia and oxidative stress from the perspective of bibliometric analysis. Frontiers in Psychiatry, 0, 14, .	1.3	3
119	The molecular basis of p21-activated kinase-associated neurodevelopmental disorders: From genotype to phenotype. Frontiers in Neuroscience, 0, 17, .	1.4	3
120	LIM Kinases, LIMK1 and LIMK2, Are Crucial Node Actors of the Cell Fate: Molecular to Pathological Features. Cells, 2023, 12, 805.	1.8	3
121	Mass Spectrometry based identification of site-specific proteomic alterations and potential pathways underlying the pathophysiology of schizophrenia. Molecular Biology Reports, 0, , .	1.0	0