Altered gene expression in the superior temporal gyrus in schizophrenia

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#	Paper	IF	Citations
64	The importance of brain banks for molecular neuropathological research: The New South Wales Tissue Resource Centre experience. *International Journal of Molecular Sciences*, **2009**, 10, 366-84	6.3	31
63	Superior temporal gyrus volume change in schizophrenia: a review on region of interest volumetric studies. *Brain Research Reviews*, **2009**, 61, 14-32		115
62	Schizophrenia is associated with an increase in cortical microRNA biogenesis. *Molecular Psychiatry*, **2010**, 15, 1176-89	15.1	337
61	RIM1alpha and interacting proteins involved in presynaptic plasticity mediate prepulse inhibition and additional behaviors linked to schizophrenia. *Journal of Neuroscience*, **2010**, 30, 5326-33	6.6	34
60	Analyzing schizophrenia by DNA microarrays. *Biological Psychiatry*, **2011**, 69, 157-62	7.9	54
59	Upregulation of dicer and microRNA expression in the dorsolateral prefrontal cortex Brodmann area 46 in schizophrenia. *Biological Psychiatry*, **2011**, 69, 180-7	7.9	204
58	A copy number variation morbidity map of developmental delay. *Nature Genetics*, **2011**, 43, 838-46	36.3	931
57	Altered DARPP-32 expression in the superior temporal gyrus in schizophrenia. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2011**, 35, 1139-43	5.5	21
56	Functional genomics of the brain: uncovering networks in the CNS using a systems approach. *Wiley Interdisciplinary Reviews: Systems Biology and Medicine*, **2011**, 3, 628-48	6.6	10
55	The utility of gene expression in blood cells for diagnosing neuropsychiatric disorders. *International Review of Neurobiology*, **2011**, 101, 41-63	4.4	20
54	Association of schizophrenia in 22q11.2 deletion syndrome and gray matter volumetric deficits in the superior temporal gyrus. *American Journal of Psychiatry*, **2011**, 168, 522-9	11.9	45
53	Finding the needle in the haystack: a review of microarray gene expression research into schizophrenia. *Australian and New Zealand Journal of Psychiatry*, **2012**, 46, 598-610	2.6	34
52	Imprinted DLK1-DIO3 region of 14q32 defines a schizophrenia-associated miRNA signature in peripheral blood mononuclear cells. *Molecular Psychiatry*, **2012**, 17, 827-40	15.1	171
51	Structural synaptic elements are differentially regulated in superior temporal cortex of schizophrenia patients. *European Archives of Psychiatry and Clinical Neuroscience*, **2012**, 262, 565-77	5.1	20
50	RBFOX1 regulates both splicing and transcriptional networks in human neuronal development. *Human Molecular Genetics*, **2012**, 21, 4171-86	5.6	140
49	Comparison of brain and blood gene expression in an animal model of negative symptoms in schizophrenia. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2012**, 38, 142-8	5.5	6
48	Convergent functional genomics of schizophrenia: from comprehensive understanding to genetic risk prediction. *Molecular Psychiatry*, **2012**, 17, 887-905	15.1	308

47	AT motif binding factor 1 (ATBF1) is highly phosphorylated in embryonic brain and protected from cleavage by calpain-1. *Biochemical and Biophysical Research Communications*, **2012**, 427, 537-41	3.4	7
46	Better understanding of mechanisms of schizophrenia and bipolar disorder: from human gene expression profiles to mouse models. *Neurobiology of Disease*, **2012**, 45, 48-56	7.5	23
45	Comparative study of regional homogeneity in schizophrenia and major depressive disorder. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2013**, 162B, 36-43	3.5	30
44	Gene expression analysis reveals schizophrenia-associated dysregulation of immune pathways in peripheral blood mononuclear cells. *Journal of Psychiatric Research*, **2013**, 47, 425-37	5.2	61
43	Gene expression profiling in treatment-naive schizophrenia patients identifies abnormalities in biological pathways involving AKT1 that are corrected by antipsychotic medication. *International Journal of Neuropsychopharmacology*, **2013**, 16, 1483-503	5.8	44
42	MicroRNA-382 expression is elevated in the olfactory neuroepithelium of schizophrenia patients. *Neurobiology of Disease*, **2013**, 55, 1-10	7.5	42
41	A fresh look at complex I in microarray data: clues to understanding disease-specific mitochondrial alterations in bipolar disorder. *Biological Psychiatry*, **2013**, 73, e4-5	7.9	57
40	A combined metabonomic and proteomic approach identifies frontal cortex changes in a chronic phencyclidine rat model in relation to human schizophrenia brain pathology. *Neuropsychopharmacology*, **2013**, 38, 2532-44	8.7	42
39	Gene expression in superior temporal cortex of schizophrenia patients. *European Archives of Psychiatry and Clinical Neuroscience*, **2014**, 264, 297-309	5.1	13
38	Correlation between DNA methylation and gene expression in the brains of patients with bipolar disorder and schizophrenia. *Bipolar Disorders*, **2014**, 16, 790-9	3.8	71
37	A three-way parallel ICA approach to analyze links among genetics, brain structure and brain function. *NeuroImage*, **2014**, 98, 386-94	7.9	39
36	Investigation of Dysregulation of Several MicroRNAs in Peripheral Blood of Schizophrenia Patients. *Clinical Psychopharmacology and Neuroscience*, **2016**, 14, 256-60	3.4	25
35	Attention: Schizophrenia Risk Gene Product miR-137 Now Targeting EFNB2. *EBioMedicine*, **2016**, 12, 10-11	8.8	2
34	Consistently altered expression of gene sets in postmortem brains of individuals with major psychiatric disorders. *Translational Psychiatry*, **2016**, 6, e890	8.6	42
33	Prominent increased calcineurin immunoreactivity in the superior temporal gyrus in schizophrenia: A postmortem study. *Psychiatry Research*, **2017**, 247, 79-83	9.9	5
32	Resting-State Brain Activity Complexity in Early-Onset Schizophrenia Characterized by a Multi-scale Entropy Method. *Lecture Notes in Computer Science*, **2017**, 580-588	0.9	3
31	A Novel Relationship for Schizophrenia, Bipolar, and Major Depressive Disorder. Part 8: a Hint from Chromosome 8 High Density Association Screen. *Molecular Neurobiology*, **2017**, 54, 5868-5882	6.2	13
30	Changed frontal pole gene expression suggest altered interplay between neurotransmitter, developmental, and inflammatory pathways in schizophrenia. *NPJ Schizophrenia*, **2018**, 4, 4	5.5	22

29	Effects of haloperidol and clozapine on synapse-related gene expression in specific brain regions of male rats. *European Archives of Psychiatry and Clinical Neuroscience*, **2018**, 268, 555-563	5.1	6
28	A novel relationship for schizophrenia, bipolar and major depressive disorder Part 3: Evidence from chromosome 3 high density association screen. *Journal of Comparative Neurology*, **2018**, 526, 59-79	3.4	16
27	Transcriptome alterations of prefrontal cortical parvalbumin neurons in schizophrenia. *Molecular Psychiatry*, **2018**, 23, 1606-1613	15.1	53
26	Strong correlation of downregulated genes related to synaptic transmission and mitochondria in post-mortem autism cerebral cortex. *Journal of Neurodevelopmental Disorders*, **2018**, 10, 18	4.6	31
25	Are FXR Family Proteins Integrators of Dopamine Signaling and Glutamatergic Neurotransmission in Mental Illnesses?. *Frontiers in Synaptic Neuroscience*, **2018**, 10, 22	3.5	8
24	Sex-specific transcriptional and proteomic signatures in schizophrenia. *Nature Communications*, **2019**, 10, 3933	17.4	17
23	Deciphering GRINA/Lifeguard1: Nuclear Location, Ca Homeostasis and Vesicle Transport. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	4
22	New insights into tardive dyskinesia genetics: Implementation of whole-exome sequencing approach. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2019**, 94, 109659	5.5	6
21	Schizophrenia-associated MicroRNA-Gene Interactions in the Dorsolateral Prefrontal Cortex. *Genomics, Proteomics and Bioinformatics*, **2019**, 17, 623-634	6.5	15
20	A logical relationship for schizophrenia, bipolar, and major depressive disorder. Part 4: Evidence from chromosome 4 high-density association screen. *Journal of Comparative Neurology*, **2019**, 527, 392-405	3.4	7
19	Machine learning in schizophrenia genomics, a case-control study using 5,090 exomes. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2019**, 180, 103-112	3.5	21
18	Molecular alterations in the medial temporal lobe in schizophrenia. *Schizophrenia Research*, **2020**, 217, 71-85	3.6	10
17	Gene expression meta-analysis reveals the down-regulation of three GABA receptor subunits in the superior temporal gyrus of patients with schizophrenia. *Schizophrenia Research*, **2020**, 220, 29-37	3.6	2
16	Phosphoinositide-3-kinase regulatory subunit 1 gene polymorphisms are associated with schizophrenia and bipolar disorder in the Han Chinese population. *Metabolic Brain Disease*, **2020**, 35, 785-792	3.9	1
15	Altered Hippocampal Epigenetic Regulation Underlying Reduced Cognitive Development in Response to Early Life Environmental Insults. *Genes*, **2020**, 11,	4.2	4
14	Protein expression of prenyltransferase subunits in postmortem schizophrenia dorsolateral prefrontal cortex. *Translational Psychiatry*, **2020**, 10, 3	8.6	6
13	A logical relationship for schizophrenia, bipolar, and major depressive disorder. Part 1: Evidence from chromosome 1 high density association screen. *Journal of Comparative Neurology*, **2020**, 528, 2620-2635	3.4	2
12	Gene-based mediation analysis in epigenetic studies. *Briefings in Bioinformatics*, **2021**, 22,	13.4	4

11	Olfactory Neuroepithelium Cells from Cannabis Users Display Alterations to the Cytoskeleton and to Markers of Adhesion, Proliferation and Apoptosis. *Molecular Neurobiology*, **2021**, 58, 1695-1710	6.2	1
10	Medication for Acromegaly Reduces Expression of MUC16, MACC1 and GRHL2 in Pituitary Neuroendocrine Tumour Tissue. *Frontiers in Oncology*, **2020**, 10, 593760	5.3	2
9	Expression of GRINA Correlates with Prognosis in Human Cancers: A Pan-cancer Analysis.		
8	Epigenetics in Psychiatry. **2011**, 163-174		4
7	Potential microbial origins of schizophrenia and their treatments. *Drugs of Today*, **2009**, 45, 305-18	2.5	2
6	Transcriptome sequencing revealed significant alteration of cortical promoter usage and splicing in schizophrenia. *PLoS ONE*, **2012**, 7, e36351	3.7	69
5	Genetic aspects in schizophrenia. Receptoral theories. Metabolic theories. *Romanian Journal of Morphology and Embryology*, **2020**, 61, 25-32	0.6	5
4	Gene Expression Changes and Potential Impact of Endophenotypes in Major Psychiatric Disorders. **2009**, 77-93		1
3	Schizophrenia Candidate Genes Specific to Human Brain Region Are Restricted to Basal Ganglia. *Lecture Notes in Computer Science*, **2013**, 565-572	0.9	1
2	Protein expression of prenyltransferase subunits in postmortem schizophrenia dorsolateral prefrontal cortex.		
1	Up-Regulation of S100 Gene Family in Brain Samples of a Subgroup of Individuals with Schizophrenia: Meta-analysis.		0