Schahram Akbarian

List of Publications by Year
in descending order

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Version: 2024-02-01

192 papers	21,083 citations	11608 70 h-index	11288 136 g-index
214 all docs	214 docs citations	214 times ranked	24218 citing authors

#	Article	IF	Citations
1	Deficiency of methyl-CpG binding protein-2 in CNS neurons results in a Rett-like phenotype in mice. Nature Genetics, 2001, 27, 327-331.	9.4	1,169
2	Gene Expression for Glutamic Acid Decarboxylase Is Reduced Without Loss of Neurons in Prefrontal Cortex of Schizophrenics. Archives of General Psychiatry, 1995, 52, 258.	13.8	951
3	Shared molecular neuropathology across major psychiatric disorders parallels polygenic overlap. Science, 2018, 359, 693-697.	6.0	851
4	Transcriptome-wide isoform-level dysregulation in ASD, schizophrenia, and bipolar disorder. Science, 2018, 362, .	6.0	805
5	Comprehensive functional genomic resource and integrative model for the human brain. Science, 2018, 362, .	6.0	618
6	Altered Distribution of Nicotinamide-Adenine Dinucleotide Phosphateâ€"Diaphorase Cells in Frontal Lobe of Schizophrenics Implies Disturbances of Cortical Development. Archives of General Psychiatry, 1993, 50, 169.	13.8	602
7	Integrative functional genomic analysis of human brain development and neuropsychiatric risks. Science, 2018, 362, .	6.0	516
8	Antidepressant-Like Effects of the Histone Deacetylase Inhibitor, Sodium Butyrate, in the Mouse. Biological Psychiatry, 2007, 62, 55-64.	0.7	462
9	Distorted Distribution of Nicotinamide-Adenine Dinucleotide Phosphateâ€"Diaphorase Neurons in Temporal Lobe of Schizophrenics Implies Anomalous Cortical Development. Archives of General Psychiatry, 1993, 50, 178.	13.8	434
10	Selective alterations in gene expression for NMDA receptor subunits in prefrontal cortex of schizophrenics. Journal of Neuroscience, 1996, 16, 19-30.	1.7	409
11	Epigenetic mechanisms in neurological disease. Nature Medicine, 2012, 18, 1194-1204.	15.2	394
12	Developmental and regional expression pattern of a novel NMDA receptor- like subunit (NMDAR-L) in the rodent brain. Journal of Neuroscience, 1995, 15, 6509-6520.	1.7	379
13	DNA Methylation in the Human Cerebral Cortex Is Dynamically Regulated throughout the Life Span and Involves Differentiated Neurons. PLoS ONE, 2007, 2, e895.	1.1	375
14	The PsychENCODE project. Nature Neuroscience, 2015, 18, 1707-1712.	7.1	371
15	Prefrontal Cortex and Social Cognition in Mouse and Man. Frontiers in Psychology, 2015, 6, 1805.	1.1	354
16	Molecular and cellular mechanisms of altered GAD1/GAD67 expression in schizophrenia and related disorders. Brain Research Reviews, 2006, 52, 293-304.	9.1	336
17	Prefrontal Dysfunction in Schizophrenia Involves Mixed-Lineage Leukemia 1-Regulated Histone Methylation at GABAergic Gene Promoters. Journal of Neuroscience, 2007, 27, 11254-11262.	1.7	314
18	Nonlinear partial differential equations and applications: Transcriptional profiling of a mouse model for Rett syndrome reveals subtle transcriptional changes in the brain. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 15536-15541.	3.3	313

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19	Critical Role of Histone Turnover in Neuronal Transcription and Plasticity. Neuron, 2015, 87, 77-94.	3.8	257
20	Molecular Determinants of Dysregulated GABAergic Gene Expression in the Prefrontal Cortex of Subjects with Schizophrenia. Biological Psychiatry, 2009, 65, 1006-1014.	0.7	246
21	A set of differentially expressed miRNAs, including miR-30a-5p, act as post-transcriptional inhibitors of BDNF in prefrontal cortex. Human Molecular Genetics, 2008, 17, 3030-3042.	1.4	239
22	Epigenetic Basis of Mental Illness. Neuroscientist, 2016, 22, 447-463.	2.6	236
23	A Role for Noncoding Variation in Schizophrenia. Cell Reports, 2014, 9, 1417-1429.	2.9	225
24	Developmental regulation and individual differences of neuronal H3K4me3 epigenomes in the prefrontal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8824-8829.	3.3	218
25	Cortico-cortical connections and cytoarchitectonics of the primate vestibular cortex: A study in squirrel monkeys (Saimiri sciureus). Journal of Comparative Neurology, 1992, 326, 375-401.	0.9	211
26	Epigenetic Regulation in Human Brainâ€"Focus on Histone Lysine Methylation. Biological Psychiatry, 2009, 65, 198-203.	0.7	206
27	Intersection of diverse neuronal genomes and neuropsychiatric disease: The Brain Somatic Mosaicism Network. Science, 2017, 356, .	6.0	206
28	Responses of Single Neurons in the Parietoinsular Vestibular Cortex of Primatesa. Annals of the New York Academy of Sciences, 1988, 545, 187-202.	1.8	201
29	Epigenetics in the Nervous System: Figure 1.. Journal of Neuroscience, 2008, 28, 11753-11759.	1.7	200
30	A computational tool (H-MAGMA) for improved prediction of brain-disorder risk genes by incorporating brain chromatin interaction profiles. Nature Neuroscience, 2020, 23, 583-593.	7.1	194
31	GAD1 mRNA Expression and DNA Methylation in Prefrontal Cortex of Subjects with Schizophrenia. PLoS ONE, 2007, 2, e809.	1.1	192
32	Editing for an AMPA receptor subunit RNA in prefrontal cortex and striatum in Alzheimer's disease, Huntington's disease and schizophrenia. Brain Research, 1995, 699, 297-304.	1.1	177
33	Isolation of neuronal chromatin from brain tissue. BMC Neuroscience, 2008, 9, 42.	0.8	176
34	Epigenetic Signatures of Autism. Archives of General Psychiatry, 2012, 69, 314.	13.8	174
35	Corticofugal connections between the cerebral cortex and brainstem vestibular nuclei in the macaque monkey. Journal of Comparative Neurology, 1994, 339, 421-437.	0.9	168
36	Alterations in microRNA-124 and AMPA receptors contribute to social behavioral deficits in frontotemporal dementia. Nature Medicine, 2014, 20, 1444-1451.	15.2	165

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37	The C-Terminal TDP-43 Fragments Have a High Aggregation Propensity and Harm Neurons by a Dominant-Negative Mechanism. PLoS ONE, 2010, 5, e15878.	1.1	164
38	Neuron-specific signatures in the chromosomal connectome associated with schizophrenia risk. Science, 2018, 362, .	6.0	162
39	NT-3 facilitates hippocampal plasticity and learning and memory by regulating neurogenesis. Learning and Memory, 2006, 13, 307-315.	0.5	158
40	RNA Sequence Analysis of Human Huntington Disease Brain Reveals an Extensive Increase in Inflammatory and Developmental Gene Expression. PLoS ONE, 2015, 10, e0143563.	1.1	150
41	CommonMind Consortium provides transcriptomic and epigenomic data for Schizophrenia and Bipolar Disorder. Scientific Data, 2019, 6, 180.	2.4	149
42	Evaluation of chromatin accessibility in prefrontal cortex of individuals with schizophrenia. Nature Communications, 2018, 9, 3121.	5.8	141
43	Dopamine D2-like antagonists induce chromatin remodeling in striatal neurons through cyclic AMP-protein kinase A and NMDA receptor signaling. Journal of Neurochemistry, 2004, 90, 1117-1131.	2.1	140
44	The methyltransferase SETDB1 regulates a large neuron-specific topological chromatin domain. Nature Genetics, 2017, 49, 1239-1250.	9.4	133
45	Landscape of Conditional eQTL in Dorsolateral Prefrontal Cortex and Co-localization with Schizophrenia GWAS. American Journal of Human Genetics, 2018, 102, 1169-1184.	2.6	128
46	Brain-Derived Neurotrophic Factor Is Essential for Opiate-Induced Plasticity of Noradrenergic Neurons. Journal of Neuroscience, 2002, 22, 4153-4162.	1.7	127
47	Neuronal Kmt2a/Mll1 Histone Methyltransferase Is Essential for Prefrontal Synaptic Plasticity and Working Memory. Journal of Neuroscience, 2015, 35, 5097-5108.	1.7	126
48	Drug-Induced Activation of Dopamine D1 Receptor Signaling and Inhibition of Class I/II Histone Deacetylase Induce Chromatin Remodeling in Reward Circuitry and Modulate Cocaine-Related Behaviors. Neuropsychopharmacology, 2008, 33, 2981-2992.	2.8	125
49	Chromatin Alterations Associated With Down-regulated Metabolic Gene Expression in the Prefrontal Cortex of Subjects With Schizophrenia. Archives of General Psychiatry, 2005, 62, 829.	13.8	124
50	DNA Methylation Signatures of Early Childhood Malnutrition Associated With Impairments in Attention and Cognition. Biological Psychiatry, 2016, 80, 765-774.	0.7	124
51	The Polycomb Group Protein L3mbtl2 Assembles an Atypical PRC1-Family Complex that Is Essential in Pluripotent Stem Cells and Early Development. Cell Stem Cell, 2012, 11, 319-332.	5.2	118
52	Corticofugal projections to the vestibular nuclei in squirrel monkeys: Further evidence of multiple cortical vestibular fields. Journal of Comparative Neurology, 1993, 332, 89-104.	0.9	115
53	Genetic and acute CPEB1 depletion ameliorate fragile X pathophysiology. Nature Medicine, 2013, 19, 1473-1477.	15.2	115
54	miR-10b-5p expression in Huntingtonâ€™s disease brain relates to age of onset and the extent of striatal involvement. BMC Medical Genomics, 2015, 8, 10.	0.7	114

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55	Thalamic connections of the vestibular cortical fields in the squirrel monkey (Saimiri sciureus). Journal of Comparative Neurology, 1992, 326, 423-441.	0.9	113
56	Human-Specific Histone Methylation Signatures at Transcription Start Sites in Prefrontal Neurons. PLoS Biology, 2012, 10, e1001427.	2.6	113
57	Regulation of histone H3K4 methylation in brain development and disease. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130514.	1.8	113
58	Cell-specific histone modification maps in the human frontal lobe link schizophrenia risk to the neuronal epigenome. Nature Neuroscience, 2018, 21, 1126-1136.	7.1	112
59	Expression Pattern of the Rett Syndrome Gene MeCP2 in Primate Prefrontal Cortex. Neurobiology of Disease, 2001, 8, 784-791.	2.1	108
60	Setdb1 Histone Methyltransferase Regulates Mood-Related Behaviors and Expression of the NMDA Receptor Subunit NR2B. Journal of Neuroscience, 2010, 30, 7152-7167.	1.7	104
61	Neuronal Nuclei Isolation from Human Postmortem Brain Tissue. Journal of Visualized Experiments, 2008, , .	0.2	103
62	Balancing histone methylation activities in psychiatric disorders. Trends in Molecular Medicine, 2011, 17, 372-379.	3.5	100
63	Analytical tools and current challenges in the modern era of neuroepigenomics. Nature Neuroscience, 2014, 17, 1476-1490.	7.1	100
64	MicroRNAs Located in the Hox Gene Clusters Are Implicated in Huntington's Disease Pathogenesis. PLoS Genetics, 2014, 10, e1004188.	1.5	97
65	A prefrontalâ€“paraventricular thalamus circuit requires juvenile social experience to regulate adult sociability in mice. Nature Neuroscience, 2020, 23, 1240-1252.	7.1	95
66	Prefrontal parvalbumin interneurons require juvenile social experience to establish adult social behavior. Nature Communications, 2020, 11, 1003.	5.8	95
67	Neuroinflammation and Î±-synuclein accumulation in response to glucocerebrosidase deficiency are accompanied by synaptic dysfunction. Molecular Genetics and Metabolism, 2014, 111, 152-162.	0.5	94
68	Histone methylation at gene promoters is associated with developmental regulation and region-specific expression of ionotropic and metabotropic glutamate receptors in human brain. Journal of Neurochemistry, 2005, 94, 324-336.	2.1	89
69	Maternal immune activation alters behavior in adult offspring, with subtle changes in the cortical transcriptome and epigenome. Schizophrenia Research, 2012, 140, 175-184.	1.1	89
70	Chromatin immunoprecipitation in postmortem brain. Journal of Neuroscience Methods, 2006, 156, 284-292.	1.3	83
71	Chemogenetic Inactivation of Dorsal Anterior Cingulate Cortex Neurons Disrupts Attentional Behavior in Mouse. Neuropsychopharmacology, 2016, 41, 1014-1023.	2.8	82
72	Single-nucleus transcriptome analysis of human brain immune response in patients with severe COVID-19. Genome Medicine, 2021, 13, 118.	3.6	81

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73	Antipsychotic-induced Hdac2 transcription via NF-Î¹B leads to synaptic and cognitive side effects. Nature Neuroscience, 2017, 20, 1247-1259.	7.1	79
74	A Unique Set of Centrosome Proteins Requires Pericentrin for Spindle-Pole Localization and Spindle Orientation. Current Biology, 2014, 24, 2327-2334.	1.8	77
75	DNA methylation changes in schizophrenia and bipolar disorder. Epigenetics, 2008, 3, 55-58.	1.3	76
76	Conserved Higher-Order Chromatin Regulates NMDA Receptor Gene Expression and Cognition. Neuron, 2014, 84, 997-1008.	3.8	76
77	Evaluating Synthetic Activation and Repression of Neuropsychiatric-Related Genes in hiPSC-Derived NPCs, Neurons, and Astrocytes. Stem Cell Reports, 2017, 9, 615-628.	2.3	76
78	Epigenetic mechanisms in schizophrenia. Dialogues in Clinical Neuroscience, 2014, 16, 405-417.	1.8	74
79	Epigenetics and sex differences in the brain: A genome-wide comparison of histone-3 lysine-4 trimethylation (H3K4me3) in male and female mice. Experimental Neurology, 2015, 268, 21-29.	2.0	73
80	Disruption of an Evolutionarily Novel Synaptic Expression Pattern in Autism. PLoS Biology, 2016, 14, e1002558.	2.6	73
81	The landscape of somatic mutation in cerebral cortex of autistic and neurotypical individuals revealed by ultra-deep whole-genome sequencing. Nature Neuroscience, 2021, 24, 176-185.	7.1	73
82	Epigenetic Determinants of Healthy and Diseased Brain Aging and Cognition. JAMA Neurology, 2013, 70, 711.	4.5	72
83	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
84	The histone deacetylase inhibitor, sodium butyrate, alleviates cognitive deficits in pre-motor stage PD. Neuropharmacology, 2012, 62, 2409-2412.	2.0	69
85	Gender-Specific Reduction of Estrogen-Sensitive Small RNA, miR-30b, in Subjects With Schizophrenia. Schizophrenia Bulletin, 2012, 38, 433-443.	2.3	69
86	Spatial genome organization and cognition. Nature Reviews Neuroscience, 2016, 17, 681-691.	4.9	69
87	Coordinated Cell Typeâ€“Specific Epigenetic Remodeling in Prefrontal Cortex Begins before Birth and Continues into Early Adulthood. PLoS Genetics, 2013, 9, e1003433.	1.5	68
88	Cingulate White Matter Neurons in Schizophrenia and Bipolar Disorder. Biological Psychiatry, 2009, 66, 486-493.	0.7	67
89	Epigenetic dysregulation of hairy and enhancer of split 4 (HES4) is associated with striatal degeneration in postmortem Huntington brains. Human Molecular Genetics, 2015, 24, 1441-1456.	1.4	67
90	White matter neuron alterations in schizophrenia and related disorders. International Journal of Developmental Neuroscience, 2011, 29, 325-334.	0.7	66

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91	Lipidome alterations in human prefrontal cortex during development, aging, and cognitive disorders. Molecular Psychiatry, 2020, 25, 2952-2969.	4.1	66
92	Epigenetics in the Human Brain. Neuropsychopharmacology, 2013, 38, 183-197.	2.8	65
93	Conserved Chromosome 2q31 Conformations Are Associated with Transcriptional Regulation of GAD1 GABA Synthesis Enzyme and Altered in Prefrontal Cortex of Subjects with Schizophrenia. Journal of Neuroscience, 2013, 33, 11839-11851.	1.7	60
94	Severe deficits in 5-HT2A-mediated neurotransmission in BDNF conditional mutant mice. Journal of Neurobiology, 2006, 66, 408-420.	3.7	58
95	Deciphering H3K4me3 broad domains associated with gene-regulatory networks and conserved epigenomic landscapes in the human brain. Translational Psychiatry, 2015, 5, e679-e679.	2.4	57
96	Epigenetics of Schizophrenia. Current Topics in Behavioral Neurosciences, 2010, 4, 611-628.	0.8	54
97	The Genome in Three Dimensions: A New Frontier in Human Brain Research. Biological Psychiatry, 2014, 75, 961-969.	0.7	51
98	Transcriptional regulation of GAD1 GABA synthesis gene in the prefrontal cortex of subjects with schizophrenia. Schizophrenia Research, 2015, 167, 28-34.	1.1	50
99	Back to the past in schizophrenia genomics. Nature Neuroscience, 2016, 19, 1-2.	7.1	49
100	Prefrontal Cortical Dysfunction After Overexpression of Histone Deacetylase 1. Biological Psychiatry, 2013, 74, 696-705.	0.7	48
101	Practical Guidelines for High-Resolution Epigenomic Profiling of Nucleosomal Histones in Postmortem Human Brain Tissue. Biological Psychiatry, 2017, 81, 162-170.	0.7	48
102	Neuronal and glial 3D chromatin architecture informs the cellular etiology of brain disorders. Nature Communications, 2021, 12, 3968.	5.8	48
103	Cocaine-Induced Chromatin Modifications Associate With Increased Expression and Three-Dimensional Looping of Auts2. Biological Psychiatry, 2017, 82, 794-805.	0.7	47
104	The Role of H3K4me3 in Transcriptional Regulation Is Altered in Huntingtonâ€™s Disease. PLoS ONE, 2015, 10, e0144398.	1.1	47
105	Revealing the brain's molecular architecture. Science, 2018, 362, 1262-1263.	6.0	45
106	Epigenetic dysregulation in schizophrenia: molecular and clinical aspects of histone deacetylase inhibitors. European Archives of Psychiatry and Clinical Neuroscience, 2013, 263, 273-284.	1.8	44
107	Metabolome signature of autism in the human prefrontal cortex. Communications Biology, 2019, 2, 234.	2.0	42
108	Neuronal Nsun2 deficiency produces tRNA epitranscriptomic alterations and proteomic shifts impacting synaptic signaling and behavior. Nature Communications, 2021, 12, 4913.	5.8	42

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109	Epigenetic and post-transcriptional dysregulation of gene expression in schizophrenia and related disease. Neurobiology of Disease, 2012, 46, 255-262.	2.1	41
110	Neuronal Deletion of Kmt2a/Mll1 Histone Methyltransferase in Ventral Striatum is Associated with Defective Spike-Timing-Dependent Striatal Synaptic Plasticity, Altered Response to Dopaminergic Drugs, and Increased Anxiety. Neuropsychopharmacology, 2016, 41, 3103-3113.	2.8	40
111	The Neurobiology of Rett Syndrome. Neuroscientist, 2003, 9, 57-63.	2.6	39
112	Common Genetic Variation in Humans Impacts InÂVitro Susceptibility to SARS-CoV-2 Infection. Stem Cell Reports, 2021, 16, 505-518.	2.3	39
113	The molecular pathology of schizophreniaâ€"Focus on histone and DNA modifications. Brain Research Bulletin, 2010, 83, 103-107.	1.4	37
114	Interneuron epigenomes during the critical period of cortical plasticity: Implications for schizophrenia. Neurobiology of Learning and Memory, 2015, 124, 104-110.	1.0	36
115	Neurotrophin-3 modulates noradrenergic neuron function and opiate withdrawal. Molecular Psychiatry, 2001, 6, 593-604.	4.1	35
116	Phf8 loss confers resistance to depression-like and anxiety-like behaviors in mice. Nature Communications, 2017, 8, 15142.	5.8	35
117	Allele-specific expression in a family quartet with autism reveals mono-to-biallelic switch and novel transcriptional processes of autism susceptibility genes. Scientific Reports, 2018, 8, 4277.	1.6	35
118	Epigenetic Mechanisms in Psychiatry. Neuropsychopharmacology, 2013, 38, 1-2.	2.8	34
119	Genetic vulnerability to DUSP22 promoter hypermethylation is involved in the relation between in utero famine exposure and schizophrenia. NPJ Schizophrenia, 2018, 4, 16.	2.0	34
120	In vivo epigenetic editing of Sema6a promoter reverses transcallosal dysconnectivity caused by C11orf46/Arl14ep risk gene. Nature Communications, 2019, 10, 4112.	5.8	34
121	PPARdelta activation induces metabolic and contractile maturation of human pluripotent stem cell-derived cardiomyocytes. Cell Stem Cell, 2022, 29, 559-576.e7.	5.2	34
122	Consensus paper of the WFSBP Task Force on Biological Markers: Criteria for biomarkers and endophenotypes of schizophrenia, part III: Molecular mechanisms. World Journal of Biological Psychiatry, 2017, 18, 330-356.	1.3	33
123	A chromosomal connectome for psychiatric and metabolic risk variants in adult dopaminergic neurons. Genome Medicine, 2020, 12, 19.	3.6	31
124	Activity-Induced Regulation of Synaptic Strength through the Chromatin Reader L3mbtl1. Cell Reports, 2018, 23, 3209-3222.	2.9	29
125	Neurotrophin-3 Promotes Cell Death Induced in Cerebral Ischemia, Oxygen-Glucose Deprivation, and Oxidative Stress: Possible Involvement of Oxygen Free Radicals. Neurobiology of Disease, 2002, 9, 24-37.	2.1	28
126	Comprehensive identification of somatic nucleotide variants in human brain tissue. Genome Biology, 2021, 22, 92.	3.8	26

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127	Application of CRISPR/Cas9 to the study of brain development and neuropsychiatric disease. Molecular and Cellular Neurosciences, 2017, 82, 157-166.	1.0	25
128	Chromatin domain alterations linked to 3D genome organization in a large cohort of schizophrenia and bipolar disorder brains. Nature Neuroscience, 2022, 25, 474-483.	7.1	25
129	RPP25 is developmentally regulated in prefrontal cortex and expressed at decreased levels in autism spectrum disorder. Autism Research, 2010, 3, 153-161.	2.1	24
130	Chromatin Protein L3MBTL1 Is Dispensable for Development and Tumor Suppression in Mice. Journal of Biological Chemistry, 2010, 285, 27767-27775.	1.6	24
131	DNA methylation levels of Î±-synuclein intron 1 in the aging brain. Neurobiology of Aging, 2015, 36, 3334.e7-3334.e11.	1.5	23
132	Understanding the genetic liability to schizophrenia through the neuroepigenome. Schizophrenia Research, 2016, 177, 115-124.	1.1	22
133	Machine learning reveals bilateral distribution of somatic L1 insertions in human neurons and glia. Nature Neuroscience, 2021, 24, 186-196.	7.1	22
134	NeuN+ neuronal nuclei in non-human primate prefrontal cortex and subcortical white matter after clozapine exposure. Schizophrenia Research, 2016, 170, 235-244.	1.1	20
135	Cocaine-induced metabolic activation in cortico-limbic circuitry is increased after exposure to the histone deacetylase inhibitor, sodium butyrate. Neuroscience Letters, 2009, 465, 267-271.	1.0	19
136	Bioinformatic analyses and conceptual synthesis of evidence linking ZNF804A to risk for schizophrenia and bipolar disorder. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2015, 168, 14-35.	1.1	19
137	Chromatin profiling of cortical neurons identifies individual epigenetic signatures in schizophrenia. Translational Psychiatry, 2019, 9, 256.	2.4	18
138	Publicly Available hiPSC Lines with Extreme Polygenic Risk Scores for Modeling Schizophrenia. Complex Psychiatry, 2020, 6, 68-82.	1.3	18
139	The Molecular Pathology of Rett Syndrome: Synopsis and Update. NeuroMolecular Medicine, 2006, 8, 485-494.	1.8	17
140	Longitudinal assessment of neuronal 3D genomes in mouse prefrontal cortex. Nature Communications, 2016, 7, 12743.	5.8	16
141	Chromosomal Conformations and Epigenomic Regulation in Schizophrenia. Progress in Molecular Biology and Translational Science, 2018, 157, 21-40.	0.9	16
142	Modeling Neuropsychiatric and Neurodegenerative Diseases With Induced Pluripotent Stem Cells. Frontiers in Pediatrics, 2018, 6, 82.	0.9	16
143	A Chromatin Assay for Human Brain Tissue. Journal of Visualized Experiments, 2008, , .	0.2	14
144	Setdb1-mediated histone H3K9 hypermethylation in neurons worsens the neurological phenotype of Mecp2-deficient mice. Neuropharmacology, 2011, 60, 1088-1097.	2.0	14

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145	The Future of Neuroepigenetics in the Human Brain. Progress in Molecular Biology and Translational Science, 2014, 128, 199-228.	0.9	14
146	Genotypeâ€“phenotype correlation at codon 1740 of <scp>SETD2</scp>. American Journal of Medical Genetics, Part A, 2020, 182, 2037-2048.	0.7	14
147	Cylindromatosis drives synapse pruning and weakening by promoting macroautophagy through Akt-mTOR signaling. Molecular Psychiatry, 2022, 27, 2414-2424.	4.1	14
148	RTL1/PEG11 imprinted in human and mouse brain mediates anxiety-like and social behaviors and regulates neuronal excitability in the locus coeruleus. Human Molecular Genetics, 2022, 31, 3161-3180.	1.4	14
149	Induction of dopaminergic neurons for neuronal subtype-specific modeling of psychiatric disease risk. Molecular Psychiatry, 2023, 28, 1970-1982.	4.1	13
150	Chromatin architecture in addiction circuitry identifies risk genes and potential biological mechanisms underlying cigarette smoking and alcohol use traits. Molecular Psychiatry, 2022, 27, 3085-3094.	4.1	13
151	The epigenomics of schizophrenia, in the mouse. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2017, 174, 631-640.	1.1	12
152	Spatial genome exploration in the context of cognitive and neurological disease. Current Opinion in Neurobiology, 2019, 59, 112-119.	2.0	12
153	Epigeneticâ€genetic chromatin footprinting identifies novel and subjectâ€specific genes active in prefrontal cortex neurons. FASEB Journal, 2019, 33, 8161-8173.	0.2	12
154	Environmental Enrichment Induces Epigenomic and Genome Organization Changes Relevant for Cognition. Frontiers in Molecular Neuroscience, 2021, 14, 664912.	1.4	12
155	Integration of evidence across human and model organism studies: A meeting report. Genes, Brain and Behavior, 2021, 20, e12738.	1.1	12
156	Investigation of Schizophrenia with Human Induced Pluripotent Stem Cells. Advances in Neurobiology, 2020, 25, 155-206.	1.3	11
157	Pharmacological modulation of astrocytes and the role of cell type-specific histone modifications for the treatment of mood disorders. Current Opinion in Pharmacology, 2016, 26, 61-66.	1.7	10
158	CRISPR-based functional evaluation of schizophrenia risk variants. Schizophrenia Research, 2020, 217, 26-36.	1.1	10
159	Neuron-specific chromosomal megadomain organization is adaptive to recent retrotransposon expansions. Nature Communications, 2021, 12, 7243.	5.8	10
160	Restoring GABAergic Signaling and Neuronal Synchrony in Schizophrenia. American Journal of Psychiatry, 2008, 165, 1507-1509.	4.0	9
161	Targeting histone demethylase LSD1 for treatment of deficits in autism mouse models. Molecular Psychiatry, 2022, 27, 3355-3366.	4.1	9
162	Convergence of case-specific epigenetic alterations identify a confluence of genetic vulnerabilities tied to opioid overdose. Molecular Psychiatry, 2022, 27, 2158-2170.	4.1	9

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163	The tRNA regulome in neurodevelopmental and neuropsychiatric disease. Molecular Psychiatry, 2022, 27, 3204-3213.	4.1	9
164	Approaching the Molecular Pathology of Suicide. Biological Psychiatry, 2008, 64, 643-644.	0.7	8
165	Keep the 'phospho' on MAPK, be happy. Nature Medicine, 2010, 16, 1187-1188.	15.2	8
166	Chromatin-bound RNA and the neurobiology of psychiatric disease. Neuroscience, 2014, 264, 131-141.	1.1	8
167	Parsing the Functional Impact of Noncoding Genetic Variants in the Brain Epigenome. Biological Psychiatry, 2021, 89, 65-75.	0.7	8
168	A simple method for improving the specificity of anti-methyl histone antibodies. Epigenetics, 2010, 5, 392-395.	1.3	7
169	The Neuroepigenetics of Suicide. American Journal of Psychiatry, 2013, 170, 462-465.	4.0	6
170	CHRNA7andCHRFAM7A:Psychosis and Smoking? Blame the Neighbors!. American Journal of Psychiatry, 2015, 172, 1054-1056.	4.0	6
171	Diseases of the Mind and Brain. American Journal of Psychiatry, 2002, 159, 1103-1103.	4.0	5
172	An Adolescent Sensitive Period for Social Dominance Hierarchy Plasticity Is Regulated by Cortical Plasticity Modulators in Mice. Frontiers in Neural Circuits, 2021, 15, 676308.	1.4	5
173	Isolation of Adult Human Astrocyte Populations from Fresh-Frozen Cortex Using Fluorescence-Activated Nuclei Sorting. Journal of Visualized Experiments, 2021, , .	0.2	4
174	Towards DSM 10: A bio-classification of developmental schizophrenia?. Schizophrenia Research, 2022, 242, 4-6.	1.1	4
175	Exploring the epigenetics of cocaine resistance. Nature Medicine, 2013, 19, 136-137.	15.2	3
176	Epigenetic Dysregulation in the Schizophrenic Brain. Current Behavioral Neuroscience Reports, 2014, 1, 86-93.	0.6	3
177	Special volume: The genomics and epigenomics of schizophrenia. Schizophrenia Research, 2020, 217, 1-3.	1.1	3
178	Cognition and Mood-Related Behaviors in L3mbtl1 Null Mutant Mice. PLoS ONE, 2015, 10, e0121252.	1.1	3
179	Use of the epigenetic toolbox to contextualize common variants associated with schizophrenia risk. Dialogues in Clinical Neuroscience, 2019, 21, 407-416.	1.8	3
180	Constance E. Lieber, Theodore R. Stanley, and the Enduring Impact of Philanthropy on Psychiatry Research. Biological Psychiatry, 2016, 80, 84-86.	0.7	2

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