

Thomas M Hyde

List of Publications by Year in descending order

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181
papers

20,720
citations

15504

65
h-index

12272

133
g-index

192
all docs

192
docs citations

192
times ranked

25864
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatio-temporal transcriptome of the human brain. <i>Nature</i> , 2011, 478, 483-489.	27.8	1,753
2	Functional Analysis of Genetic Variation in Catechol-O-Methyltransferase (COMT): Effects on mRNA, Protein, and Enzyme Activity in Postmortem Human Brain. <i>American Journal of Human Genetics</i> , 2004, 75, 807-821.	6.2	1,495
3	Shared molecular neuropathology across major psychiatric disorders parallels polygenic overlap. <i>Science</i> , 2018, 359, 693-697.	12.6	851
4	Transcriptome-wide isoform-level dysregulation in ASD, schizophrenia, and bipolar disorder. <i>Science</i> , 2018, 362, .	12.6	805
5	Temporal dynamics and genetic control of transcription in the human prefrontal cortex. <i>Nature</i> , 2011, 478, 519-523.	27.8	644
6	Midbrain-like Organoids from Human Pluripotent Stem Cells Contain Functional Dopaminergic and Neuromelanin-Producing Neurons. <i>Cell Stem Cell</i> , 2016, 19, 248-257.	11.1	628
7	Comprehensive functional genomic resource and integrative model for the human brain. <i>Science</i> , 2018, 362, .	12.6	618
8	Integrative functional genomic analysis of human brain development and neuropsychiatric risks. <i>Science</i> , 2018, 362, .	12.6	516
9	Transcriptome-scale spatial gene expression in the human dorsolateral prefrontal cortex. <i>Nature Neuroscience</i> , 2021, 24, 425-436.	14.8	418
10	Mapping DNA methylation across development, genotype and schizophrenia in the human frontal cortex. <i>Nature Neuroscience</i> , 2016, 19, 40-47.	14.8	417
11	Variation in <i>GRM3</i> affects cognition, prefrontal glutamate, and risk for schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 12604-12609.	7.1	381
12	Neuregulin 1 transcripts are differentially expressed in schizophrenia and regulated by 5â€² SNPs associated with the disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 6747-6752.	7.1	380
13	DNA Methylation Signatures in Development and Aging of the Human Prefrontal Cortex. <i>American Journal of Human Genetics</i> , 2012, 90, 260-272.	6.2	350
14	Large-Scale Cellular-Resolution Gene Profiling in Human Neocortex Reveals Species-Specific Molecular Signatures. <i>Cell</i> , 2012, 149, 483-496.	28.9	342
15	Developmental and genetic regulation of the human cortex transcriptome illuminate schizophrenia pathogenesis. <i>Nature Neuroscience</i> , 2018, 21, 1117-1125.	14.8	300
16	Catechol-O-Methyltransferase Genotype and Dopamine Regulation in the Human Brain. <i>Journal of Neuroscience</i> , 2003, 23, 2008-2013.	3.6	294
17	Relative risk for cognitive impairments in siblings of patients with schizophrenia. <i>Biological Psychiatry</i> , 2001, 50, 98-107.	1.3	289
18	Genetic Variation in CACNA1C Affects Brain Circuitries Related to Mental Illness. <i>Archives of General Psychiatry</i> , 2010, 67, 939.	12.3	289

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19	Expression of GABA Signaling Molecules KCC2, NKCC1, and GAD1 in Cortical Development and Schizophrenia. <i>Journal of Neuroscience</i> , 2011, 31, 11088-11095.	3.6	279
20	Psychiatric Disturbances in Metachromatic Leukodystrophy. <i>Archives of Neurology</i> , 1992, 49, 401.	4.5	271
21	Dopamine Modulates the Response of the Human Amygdala: A Study in Parkinson's Disease. <i>Journal of Neuroscience</i> , 2002, 22, 9099-9103.	3.6	261
22	Microarray analysis of gene expression in the prefrontal cortex in schizophrenia: a preliminary study. <i>Schizophrenia Research</i> , 2002, 58, 11-20.	2.0	261
23	Critical Factors in Gene Expression in Postmortem Human Brain: Focus on Studies in Schizophrenia. <i>Biological Psychiatry</i> , 2006, 60, 650-658.	1.3	259
24	Modeling a Genetic Risk for Schizophrenia in iPSCs and Mice Reveals Neural Stem Cell Deficits Associated with Adherens Junctions and Polarity. <i>Cell Stem Cell</i> , 2014, 15, 79-91.	11.1	238
25	A primate-specific, brain isoform of KCNH2 affects cortical physiology, cognition, neuronal repolarization and risk of schizophrenia. <i>Nature Medicine</i> , 2009, 15, 509-518.	30.7	232
26	A Genetic Polymorphism for Translocator Protein 18 Kda Affects both <i>in Vitro</i> and <i>in Vivo</i> Radioligand Binding in Human Brain to this Putative Biomarker of Neuroinflammation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 53-58.	4.3	207
27	Molecular and cellular reorganization of neural circuits in the human lineage. <i>Science</i> , 2017, 358, 1027-1032.	12.6	192
28	Dynamic regulation of RNA editing in human brain development and disease. <i>Nature Neuroscience</i> , 2016, 19, 1093-1099.	14.8	165
29	<i>DISC1</i> splice variants are upregulated in schizophrenia and associated with risk polymorphisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 15873-15878.	7.1	162
30	Regional Heterogeneity in Gene Expression, Regulation, and Coherence in the Frontal Cortex and Hippocampus across Development and Schizophrenia. <i>Neuron</i> , 2019, 103, 203-216.e8.	8.1	158
31	Expression of <i>DISC1</i> binding partners is reduced in schizophrenia and associated with <i>DISC1</i> SNPs. <i>Human Molecular Genetics</i> , 2006, 15, 1245-1258.	2.9	154
32	Association of DNA Methylation Differences With Schizophrenia in an Epigenome-Wide Association Study. <i>JAMA Psychiatry</i> , 2016, 73, 506.	11.0	151
33	Developmental regulation of human cortex transcription and its clinical relevance at single base resolution. <i>Nature Neuroscience</i> , 2015, 18, 154-161.	14.8	142
34	A human-specific <i>AS3MT</i> isoform and <i>BORCS7</i> are molecular risk factors in the 10q24.32 schizophrenia-associated locus. <i>Nature Medicine</i> , 2016, 22, 649-656.	30.7	142
35	Is There Cognitive Decline in Schizophrenia?. <i>British Journal of Psychiatry</i> , 1994, 164, 494-500.	2.8	135
36	Reduced Spinophilin But Not Microtubule-Associated Protein 2 Expression in the Hippocampal Formation in Schizophrenia and Mood Disorders: Molecular Evidence for a Pathology of Dendritic Spines. <i>American Journal of Psychiatry</i> , 2004, 161, 1848-1855.	7.2	134

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37	Localization of epidermal growth factor receptors and putative neuroblasts in human subependymal zone. <i>Journal of Comparative Neurology</i> , 2000, 423, 359-372.	1.6	127
38	Neuregulin 1-ErbB4-PI3K signaling in schizophrenia and phosphoinositide 3-kinase-p110 β inhibition as a potential therapeutic strategy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12165-12170.	7.1	127
39	Catechol O-Methyltransferase (COMT) mRNA Expression in the Dorsolateral Prefrontal Cortex of Patients with Schizophrenia. <i>Neuropsychopharmacology</i> , 2003, 28, 1521-1530.	5.4	126
40	Myelin, myelin-related disorders, and psychosis. <i>Schizophrenia Research</i> , 2015, 161, 85-93.	2.0	124
41	Common genetic variation in Neuregulin 3 (<i>NRG3</i>) influences risk for schizophrenia and impacts <i>NRG3</i> expression in human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15619-15624.	7.1	118
42	Molecular landscapes of human hippocampal immature neurons across lifespan. <i>Nature</i> , 2022, 607, 527-533.	27.8	116
43	An association between reduced interhemispheric EEG coherence in the temporal lobe and genetic risk for schizophrenia. <i>Schizophrenia Research</i> , 2001, 49, 129-143.	2.0	109
44	Cholinergic systems and schizophrenia: primary pathology or epiphenomena?. <i>Journal of Chemical Neuroanatomy</i> , 2001, 22, 53-63.	2.1	108
45	Expression of oligodendrocyte-associated genes in dorsolateral prefrontal cortex of patients with schizophrenia. <i>Schizophrenia Research</i> , 2008, 98, 129-138.	2.0	106
46	Habit and Skill Learning in Schizophrenia: Evidence of Normal Striatal Processing With Abnormal Cortical Input. <i>Learning and Memory</i> , 2002, 9, 430-442.	1.3	102
47	Expression of <i>ZNF804A</i> in Human Brain and Alterations in Schizophrenia, Bipolar Disorder, and Major Depressive Disorder. <i>JAMA Psychiatry</i> , 2014, 71, 1112.	11.0	102
48	Long-read sequencing reveals the complex splicing profile of the psychiatric risk gene CACNA1C in human brain. <i>Molecular Psychiatry</i> , 2020, 25, 37-47.	7.9	98
49	Autoradiographic Localization of Leptin Binding in the Choroid Plexus of <i>ob/ob</i> and <i>db/db</i> Mice. <i>Biochemical and Biophysical Research Communications</i> , 1996, 219, 884-889.	2.1	97
50	Glutamate receptors in the postmortem striatum of schizophrenic, suicide, and control brains. <i>Synapse</i> , 1997, 27, 168-176.	1.2	97
51	Prenatal Expression Patterns of Genes Associated With Neuropsychiatric Disorders. <i>American Journal of Psychiatry</i> , 2014, 171, 758-767.	7.2	96
52	Dissecting transcriptomic signatures of neuronal differentiation and maturation using iPSCs. <i>Nature Communications</i> , 2020, 11, 462.	12.8	96
53	Relative Risk of Neurological Signs in Siblings of Patients With Schizophrenia. <i>American Journal of Psychiatry</i> , 2001, 158, 1827-1834.	7.2	95
54	qSVA framework for RNA quality correction in differential expression analysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7130-7135.	7.1	95

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55	Single-nucleus transcriptome analysis reveals cell-type-specific molecular signatures across reward circuitry in the human brain. <i>Neuron</i> , 2021, 109, 3088-3103.e5.	8.1	95
56	Neuropathology of the cerebellum in schizophrenia—An update: 1996 and future directions. <i>Biological Psychiatry</i> , 1997, 42, 213-224.	1.3	89
57	Psychiatric Risk Gene Transcription Factor 4 Regulates Intrinsic Excitability of Prefrontal Neurons via Repression of SCN10a and KCNQ1. <i>Neuron</i> , 2016, 90, 43-55.	8.1	88
58	Identification and prioritization of gene sets associated with schizophrenia risk by co-expression network analysis in human brain. <i>Molecular Psychiatry</i> , 2020, 25, 791-804.	7.9	86
59	Gene Expression of Metabolic Enzymes and a Protease Inhibitor in the Prefrontal Cortex Are Decreased in Schizophrenia. <i>Neurochemical Research</i> , 2004, 29, 1245-1255.	3.3	85
60	Psychiatric Brain Banking: Three Perspectives on Current Trends and Future Directions. <i>Biological Psychiatry</i> , 2011, 69, 104-112.	1.3	84
61	Transcript-Specific Associations of SLC12A5 (KCC2) in Human Prefrontal Cortex with Development, Schizophrenia, and Affective Disorders. <i>Journal of Neuroscience</i> , 2012, 32, 5216-5222.	3.6	84
62	Alterations in mRNA levels of D2 receptors and neuropeptides in striatonigral and striatopallidal neurons of rats with neuroleptic-induced dyskinesias. <i>Synapse</i> , 1994, 18, 178-189.	1.2	83
63	Genetic Neuropathology of Schizophrenia: New Approaches to an Old Question and New Uses for Postmortem Human Brains. <i>Biological Psychiatry</i> , 2011, 69, 140-145.	1.3	83
64	Reduced kynurenine pathway metabolism and cytokine expression in the prefrontal cortex of depressed individuals. <i>Journal of Psychiatry and Neuroscience</i> , 2016, 41, 386-394.	2.4	79
65	Integrated DNA methylation and gene expression profiling across multiple brain regions implicate novel genes in Alzheimer's disease. <i>Acta Neuropathologica</i> , 2019, 137, 557-569.	7.7	73
66	Reduced Density of Cholinergic Interneurons in the Ventral Striatum in Schizophrenia: An In Situ Hybridization Study. <i>Biological Psychiatry</i> , 2005, 58, 408-416.	1.3	71
67	Handedness, heritability, neurocognition and brain asymmetry in schizophrenia. <i>Brain</i> , 2010, 133, 3113-3122.	7.6	71
68	Reliability of psychiatric diagnosis in postmortem research. <i>Biological Psychiatry</i> , 2005, 57, 96-101.	1.3	70
69	Quantitative autoradiography of dopamine-D1 receptors, D2 receptors, and dopamine uptake sites in postmortem striatal specimens from schizophrenic patients. <i>Biological Psychiatry</i> , 1994, 36, 827-835.	1.3	69
70	Abnormal cholecystokinin mRNA levels in entorhinal cortex of schizophrenics. <i>Journal of Psychiatric Research</i> , 1997, 31, 233-256.	3.1	69
71	Divergent neuronal DNA methylation patterns across human cortical development reveal critical periods and a unique role of CpH methylation. <i>Genome Biology</i> , 2019, 20, 196.	8.8	67
72	Profiling gene expression in the human dentate gyrus granule cell layer reveals insights into schizophrenia and its genetic risk. <i>Nature Neuroscience</i> , 2020, 23, 510-519.	14.8	67

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73	Increased lactate levels and reduced pH in postmortem brains of schizophrenics: Medication confounds. <i>Journal of Neuroscience Methods</i> , 2008, 169, 208-213.	2.5	66
74	Expression of a GRM3 Splice Variant is Increased in the Dorsolateral Prefrontal Cortex of Individuals Carrying a Schizophrenia Risk SNP. <i>Neuropsychopharmacology</i> , 2008, 33, 2626-2634.	5.4	66
75	Cystic fibrosis transmembrane conductance regulator expression in human hypothalamus. <i>NeuroReport</i> , 1998, 9, 141-144.	1.2	64
76	Human Obesity Associated with an Intronic SNP in the Brain-Derived Neurotrophic Factor Locus. <i>Cell Reports</i> , 2015, 13, 1073-1080.	6.4	64
77	The role of serotonin in schizophrenia: an overview of the nomenclature, distribution and alterations of serotonin receptors in the central nervous system. <i>Psychopharmacology</i> , 1993, 112, S5-S15.	3.1	63
78	$\hat{\pm}7$ nicotinic acetylcholine receptor mRNA expression and binding in postmortem human brain are associated with genetic variation in neuregulin 1. <i>Human Molecular Genetics</i> , 2007, 16, 2921-2932.	2.9	61
79	Drug Metabolism in Human Brain: High Levels of Cytochrome P4503A43 in Brain and Metabolism of Anti-Anxiety Drug Alprazolam to Its Active Metabolite. <i>PLoS ONE</i> , 2008, 3, e2337.	2.5	61
80	Neurons with Complex Karyotypes Are Rare in Aged Human Neocortex. <i>Cell Reports</i> , 2019, 26, 825-835.e7.	6.4	60
81	Synaptophysin and GAP-43 mRNA levels in the hippocampus of subjects with schizophrenia. <i>Schizophrenia Research</i> , 2001, 49, 89-98.	2.0	59
82	Distribution of dopamine D1-D4 receptor subtypes in human dorsal vagal complex. , 1996, 24, 224-232.		58
83	<i>CHRNA7</i> and <i>CHRFAM7A</i> mRNAs: Co-Localized and Their Expression Levels Altered in the Postmortem Dorsolateral Prefrontal Cortex in Major Psychiatric Disorders. <i>American Journal of Psychiatry</i> , 2015, 172, 1122-1130.	7.2	58
84	Evidence of Sex-Modulated Association of ZNF804A with Schizophrenia. <i>Biological Psychiatry</i> , 2011, 69, 914-917.	1.3	57
85	Differential expression of human COMT alleles in brain and lymphoblasts detected by RT-coupled 5' nuclease assay. <i>Psychopharmacology</i> , 2004, 177, 178-184.	3.1	55
86	Characteristics of the Cation Cotransporter NKCC1 in Human Brain: Alternate Transcripts, Expression in Development, and Potential Relationships to Brain Function and Schizophrenia. <i>Journal of Neuroscience</i> , 2014, 34, 4929-4940.	3.6	54
87	Practical impacts of genomic data "cleaning" on biological discovery using surrogate variable analysis. <i>BMC Bioinformatics</i> , 2015, 16, 372.	2.6	51
88	Investigation of the Prenatal Expression Patterns of 108 Schizophrenia-Associated Genetic Loci. <i>Biological Psychiatry</i> , 2015, 77, e43-e51.	1.3	51
89	Age-related changes in the expression of schizophrenia susceptibility genes in the human prefrontal cortex. <i>Brain Structure and Function</i> , 2008, 213, 255-271.	2.3	50
90	Transcriptional Changes Common to Human Cocaine, Cannabis and Phencyclidine Abuse. <i>PLoS ONE</i> , 2006, 1, e114.	2.5	50

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91	Persistent Alterations in Dendrites, Spines, and Dynorphinergic Synapses in the Nucleus Accumbens Shell of Rats with Neuroleptic-Induced Dyskinesias. <i>Journal of Neuroscience</i> , 2000, 20, 7798-7806.	3.6	49
92	A postmortem study of frontal cortical dopamine D1 receptors in schizophrenics, psychiatric controls, and normal controls. <i>Biological Psychiatry</i> , 1996, 40, 1191-1199.	1.3	48
93	RGS4 mRNA expression in postmortem human cortex is associated with COMT Val158Met genotype and COMT enzyme activity. <i>Human Molecular Genetics</i> , 2006, 15, 2804-2812.	2.9	48
94	Binding of a tritiated inverse agonist to cannabinoid CB1 receptors is increased in patients with schizophrenia. <i>Schizophrenia Research</i> , 2012, 141, 185-188.	2.0	46
95	dotdotdot: an automated approach to quantify multiplex single molecule fluorescent in situ hybridization (smFISH) images in complex tissues. <i>Nucleic Acids Research</i> , 2020, 48, e66-e66.	14.5	46
96	Glutamate Carboxypeptidase II Gene Expression in the Human Frontal and Temporal Lobe in Schizophrenia. <i>Neuropsychopharmacology</i> , 2004, 29, 117-125.	5.4	45
97	Revealing the brain's molecular architecture. <i>Science</i> , 2018, 362, 1262-1263.	12.6	45
98	Somatic LINE-1 retrotransposition in cortical neurons and non-brain tissues of Rett patients and healthy individuals. <i>PLoS Genetics</i> , 2019, 15, e1008043.	3.5	45
99	The Neuropeptide VGF Is Reduced in Human Bipolar Postmortem Brain and Contributes to Some of the Behavioral and Molecular Effects of Lithium. <i>Journal of Neuroscience</i> , 2010, 30, 9368-9380.	3.6	44
100	Pharmacological and neurochemical differences between acute and tardive vacuous chewing movements induced by haloperidol. <i>Psychopharmacology</i> , 1996, 127, 337-345.	3.1	43
101	Cannabinoid receptor CNR1 expression and DNA methylation in human prefrontal cortex, hippocampus and caudate in brain development and schizophrenia. <i>Translational Psychiatry</i> , 2020, 10, 158.	4.8	42
102	Differential effects of haloperidol and clozapine on ionotropic glutamate receptors in rats. , 1999, 34, 266-276.		41
103	Altered α -synuclein, parkin, and synphilin isoform levels in multiple system atrophy brains. <i>Journal of Neurochemistry</i> , 2016, 136, 172-185.	3.9	41
104	Deficits in the activity of presynaptic β -aminobutyric acid type B receptors contribute to altered neuronal excitability in fragile X syndrome. <i>Journal of Biological Chemistry</i> , 2017, 292, 6621-6632.	3.4	39
105	Temporal, Diagnostic, and Tissue-Specific Regulation of NRG3 Isoform Expression in Human Brain Development and Affective Disorders. <i>American Journal of Psychiatry</i> , 2017, 174, 256-265.	7.2	39
106	Variations in Dysbindin-1 are associated with cognitive response to antipsychotic drug treatment. <i>Nature Communications</i> , 2018, 9, 2265.	12.8	38
107	P-selectin axis plays a key role in microglia immunophenotype and glioblastoma progression. <i>Nature Communications</i> , 2021, 12, 1912.	12.8	37
108	Genome-wide sequencing-based identification of methylation quantitative trait loci and their role in schizophrenia risk. <i>Nature Communications</i> , 2021, 12, 5251.	12.8	37

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109	The DISC1 Ser704Cys substitution affects centrosomal localization of its binding partner PCM1 in glia in human brain. <i>Human Molecular Genetics</i> , 2010, 19, 2487-2496.	2.9	36
110	Schizophrenia risk variants influence multiple classes of transcripts of sorting nexin 19 (SNX19). <i>Molecular Psychiatry</i> , 2020, 25, 831-843.	7.9	36
111	Quantitative autoradiography of striatal dopamine D1, D2 and re-uptake sites in rats with vacuous chewing movements. <i>Brain Research</i> , 1994, 646, 217-222.	2.2	35
112	Distribution of bombesin-like immunoreactivity in the nucleus of the solitary tract and dorsal motor nucleus of the rat and human: Colocalization with tyrosine hydroxylase. , 1996, 369, 552-570.		34
113	A conserved mRNA expression profile of SREB2 (GPR85) in adult human, monkey, and rat forebrain. <i>Molecular Brain Research</i> , 2005, 138, 58-69.	2.3	34
114	Differential Effects of Common Variants in <i>SCN2A</i> on General Cognitive Ability, Brain Physiology, and messenger RNA Expression in Schizophrenia Cases and Control Individuals. <i>JAMA Psychiatry</i> , 2014, 71, 647.	11.0	33
115	Enuresis as a premorbid developmental marker of schizophrenia. <i>Brain</i> , 2008, 131, 2489-2498.	7.6	31
116	Analysis of Copy Number Variations in Brain DNA from Patients with Schizophrenia and Other Psychiatric Disorders. <i>Biological Psychiatry</i> , 2012, 72, 651-654.	1.3	31
117	Characterizing the nuclear and cytoplasmic transcriptomes in developing and mature human cortex uncovers new insight into psychiatric disease gene regulation. <i>Genome Research</i> , 2020, 30, 1-11.	5.5	29
118	Association of Missense Mutation in FOLH1 With Decreased NAAG Levels and Impaired Working Memory Circuitry and Cognition. <i>American Journal of Psychiatry</i> , 2020, 177, 1129-1139.	7.2	29
119	A validated positive chemical ionization GC/MS method for the identification and quantification of amphetamine, opiates, cocaine, and metabolites in human postmortem brain. <i>Journal of Mass Spectrometry</i> , 2006, 41, 175-184.	1.6	28
120	Characterization of KIAA0513, a novel signaling molecule that interacts with modulators of neuroplasticity, apoptosis, and the cytoskeleton. <i>Brain Research</i> , 2006, 1121, 1-11.	2.2	27
121	Prefrontal Coexpression of Schizophrenia Risk Genes Is Associated With Treatment Response in Patients. <i>Biological Psychiatry</i> , 2019, 86, 45-55.	1.3	27
122	Amygdala and anterior cingulate transcriptomes from individuals with bipolar disorder reveal downregulated neuroimmune and synaptic pathways. <i>Nature Neuroscience</i> , 2022, 25, 381-389.	14.8	27
123	Neuroleptic-induced vacuous chewing movements in rodents: incidence and effects of long-term increases in haloperidol dose. <i>Psychopharmacology</i> , 1995, 117, 74-81.	3.1	26
124	Genomic structure and expression of the human serotonin 2A receptor gene (HTR2A) locus: identification of novel HTR2A and antisense (HTR2A-AS1) exons. <i>BMC Genetics</i> , 2016, 17, 16.	2.7	26
125	Genetic risk mechanisms of posttraumatic stress disorder in the human brain. <i>Journal of Neuroscience Research</i> , 2018, 96, 21-30.	2.9	24
126	The Brain in Schizophrenia. <i>Seminars in Neurology</i> , 1990, 10, 276-286.	1.4	23

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127	Distribution of muscarinic cholinergic receptors in the dorsal vagal complex and other selected nuclei in the human medulla. <i>Brain Research</i> , 1988, 447, 287-292.	2.2	22
128	Frontal release signs and cognition in people with schizophrenia, their siblings and healthy controls. <i>British Journal of Psychiatry</i> , 2007, 191, 120-125.	2.8	22
129	GAD2 Alternative Transcripts in the Human Prefrontal Cortex, and in Schizophrenia and Affective Disorders. <i>PLoS ONE</i> , 2016, 11, e0148558.	2.5	22
130	Subnuclear organization of the human caudal nucleus of the solitary tract. <i>Brain Research Bulletin</i> , 1992, 29, 95-109.	3.0	21
131	Genetic Variation in FGF20 Modulates Hippocampal Biology. <i>Journal of Neuroscience</i> , 2010, 30, 5992-5997.	3.6	21
132	Decoding Shared Versus Divergent Transcriptomic Signatures Across Cortico-Amygdala Circuitry in PTSD and Depressive Disorders. <i>American Journal of Psychiatry</i> , 2022, 179, 673-686.	7.2	21
133	Electroencephalographic Abnormalities in Monozygotic Twins with Tourette's Syndrome. <i>British Journal of Psychiatry</i> , 1994, 164, 811-817.	2.8	20
134	Diurnal variation in tardive dyskinesia. <i>Psychiatry Research</i> , 1995, 56, 53-57.	3.3	20
135	Evaluation of tissue collection for postmortem studies of bipolar disorder. <i>Bipolar Disorders</i> , 2008, 10, 822-828.	1.9	20
136	Metabotropic glutamate receptor 3 (mGlu3; mGluR3; GRM3) in schizophrenia: Antibody characterisation and a semi-quantitative western blot study. <i>Schizophrenia Research</i> , 2016, 177, 18-27.	2.0	20
137	Strong Components of Epigenetic Memory in Cultured Human Fibroblasts Related to Site of Origin and Donor Age. <i>PLoS Genetics</i> , 2016, 12, e1005819.	3.5	20
138	Effects of rating parameters on assessment of neuroleptic-induced vacuous chewing movements. <i>Pharmacology Biochemistry and Behavior</i> , 1996, 53, 401-410.	2.9	19
139	Neurotensin receptor binding abnormalities in the entorhinal cortex in schizophrenia and affective disorders. <i>Biological Psychiatry</i> , 2002, 51, 795-800.	1.3	19
140	NURR1 and ERR1 Modulate the Expression of Genes of a <i>DRD2</i> Coexpression Network Enriched for Schizophrenia Risk. <i>Journal of Neuroscience</i> , 2020, 40, 932-941.	3.6	19
141	Characterizing the dynamic and functional DNA methylation landscape in the developing human cortex. <i>Epigenetics</i> , 2021, 16, 1-13.	2.7	19
142	Therapeutic role of a psychiatric intensive care unit in acute psychosis. <i>Comprehensive Psychiatry</i> , 1987, 28, 264-269.	3.1	18
143	The subnuclear distribution of 5-HT ₃ receptors in the human nucleus of the solitary tract and other structures of the caudal medulla. <i>Brain Research</i> , 1994, 637, 222-226.	2.2	18
144	Genetics and Brain Transcriptomics of Completed Suicide. <i>American Journal of Psychiatry</i> , 2022, 179, 226-241.	7.2	17

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145	Neuropathology of Suicide.. Annals of the New York Academy of Sciences, 1997, 836, 201-219.	3.8	16
146	Developmental effects of maternal smoking during pregnancy on the human frontal cortex transcriptome. Molecular Psychiatry, 2020, 25, 3267-3277.	7.9	16
147	Epigenome-wide study of brain DNA methylation following acute opioid intoxication. Drug and Alcohol Dependence, 2021, 221, 108658.	3.2	15
148	Effects of prefrontal cortical lesions on neuropeptide and dopamine receptor gene expression in the striatum-accumbens complex. Brain Research, 1998, 797, 55-64.	2.2	14
149	Failure to down regulate NMDA receptors in the striatum and nucleus accumbens associated with neuroleptic-induced dyskinesia. Brain Research, 1998, 796, 291-295.	2.2	13
150	Decreased μ -opioid receptor binding in the globus pallidus of rats treated with chronic haloperidol. Psychopharmacology, 2000, 150, 260-263.	3.1	13
151	Association of a Noncoding RNA Postmortem With Suicide by Violent Means and In Vivo With Aggressive Phenotypes. Biological Psychiatry, 2019, 85, 417-424.	1.3	13
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