David A Lewis

List of Publications by Year
in descending order

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510 papers	58,919 citations	764 119 h-index	1589 216 g-index
542 all docs	542 docs citations	542 times ranked	37435 citing authors

#	Article	IF	Citations
1	Cortical inhibitory neurons and schizophrenia. Nature Reviews Neuroscience, 2005, 6, 312-324.	4.9	2,065
2	Decreased Dendritic Spine Density on Prefrontal Cortical Pyramidal Neurons in Schizophrenia. Archives of General Psychiatry, 2000, 57, 65.	13.8	1,419
3	Petilla terminology: nomenclature of features of GABAergic interneurons of the cerebral cortex. Nature Reviews Neuroscience, 2008, 9, 557-568.	4.9	1,314
4	Schizophrenia as a Disorder of Neurodevelopment. Annual Review of Neuroscience, 2002, 25, 409-432.	5.0	1,026
5	Gene expression elucidates functional impact of polygenic risk for schizophrenia. Nature Neuroscience, 2016, 19, 1442-1453.	7.1	952
6	Cortical parvalbumin interneurons and cognitive dysfunction in schizophrenia. Trends in Neurosciences, 2012, 35, 57-67.	4.2	892
7	Molecular Characterization of Schizophrenia Viewed by Microarray Analysis of Gene Expression in Prefrontal Cortex. Neuron, 2000, 28, 53-67.	3.8	861
8	Shared molecular neuropathology across major psychiatric disorders parallels polygenic overlap. Science, 2018, 359, 693-697.	6.0	851
9	Gene Expression Deficits in a Subclass of GABA Neurons in the Prefrontal Cortex of Subjects with Schizophrenia. Journal of Neuroscience, 2003, 23, 6315-6326.	1.7	843
10	Transcriptome-wide isoform-level dysregulation in ASD, schizophrenia, and bipolar disorder. Science, 2018, 362, .	6.0	805
11	Mitochondrial dysfunction as a cause of axonal degeneration in multiple sclerosis patients. Annals of Neurology, 2006, 59, 478-489.	2.8	748
12	Catching Up on Schizophrenia. Neuron, 2000, 28, 325-334.	3.8	712
13	New insights into the classification and nomenclature of cortical GABAergic interneurons. Nature Reviews Neuroscience, 2013, 14, 202-216.	4.9	707
14	Decreased Glutamic Acid Decarboxylase67 Messenger RNA Expression in a Subset of Prefrontal Cortical Î³-Aminobutyric Acid Neurons in Subjects With Schizophrenia. Archives of General Psychiatry, 2000, 57, 237.	13.8	622
15	Comprehensive functional genomic resource and integrative model for the human brain. Science, 2018, 362, .	6.0	618
16	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. NeuroImage, 2019, 202, 116091.	2.1	539
17	Laminar and regional distributions of neurofibrillary tangles and neuritic plaques in Alzheimer's disease: a quantitative study of visual and auditory cortices. Journal of Neuroscience, 1987, 7, 1799-1808.	1.7	535
18	Integrative functional genomic analysis of human brain development and neuropsychiatric risks. Science, 2018, 362, .	6.0	516

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19	Role of oxidation in the neurotoxic effects of intrastriatal dopamine injections.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 1956-1961.	3.3	502
20	GABA Neurons and the Mechanisms of Network Oscillations: Implications for Understanding Cortical Dysfunction in Schizophrenia. Schizophrenia Bulletin, 2008, 34, 944-961.	2.3	500
21	Steroid-induced psychiatric syndromes. Journal of Affective Disorders, 1983, 5, 319-332.	2.0	487
22	Dendritic spine pathology in schizophrenia. Neuroscience, 2013, 251, 90-107.	1.1	472
23	Local circuit neurons immunoreactive for calretinin, calbindin D-28k or parvalbumin in monkey prefronatal cortex: Distribution and morphology. Journal of Comparative Neurology, 1994, 341, 95-116.	0.9	461
24	Alterations in GABA-related transcriptome in the dorsolateral prefrontal cortex of subjects with schizophrenia. Molecular Psychiatry, 2008, 13, 147-161.	4.1	447
25	Stereological Approaches to Identifying Neuropathology in Psychosis. Biological Psychiatry, 2011, 69, 113-126.	0.7	435
26	Altered expression of genes involved in inflammation and apoptosis in frontal cortex in major depression. Molecular Psychiatry, 2011, 16, 751-762.	4.1	425
27	Gene Expression Profiling Reveals Alterations of Specific Metabolic Pathways in Schizophrenia. Journal of Neuroscience, 2002, 22, 2718-2729.	1.7	414
28	Disease-specific changes in regulator of G-protein signaling 4 (RGS4) expression in schizophrenia. Molecular Psychiatry, 2001, 6, 293-301.	4.1	413
29	Altering the course of schizophrenia: progress and perspectives. Nature Reviews Drug Discovery, 2016, 15, 485-515.	21.5	410
30	Alterations in Cortical Network Oscillations and Parvalbumin Neurons in Schizophrenia. Biological Psychiatry, 2015, 77, 1031-1040.	0.7	409
31	A subclass of prefrontal Â-aminobutyric acid axon terminals are selectively altered in schizophrenia. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 5341-5346.	3.3	402
32	Conserved Regional Patterns of GABA-Related Transcript Expression in the Neocortex of Subjects With Schizophrenia. American Journal of Psychiatry, 2008, 165, 479-489.	4.0	396
33	Relationship of Brain-Derived Neurotrophic Factor and Its Receptor TrkB to Altered Inhibitory Prefrontal Circuitry in Schizophrenia. Journal of Neuroscience, 2005, 25, 372-383.	1.7	390
34	NMDA Receptor Hypofunction, Parvalbumin-Positive Neurons, and Cortical Gamma Oscillations in Schizophrenia. Schizophrenia Bulletin, 2012, 38, 950-957.	2.3	388
35	Analysis of complex brain disorders with gene expression microarrays: schizophrenia as a disease of the synapse. Trends in Neurosciences, 2001, 24, 479-486.	4.2	383
36	Cognitive Dysfunction in Schizophrenia. Archives of Neurology, 2006, 63, 1372.	4.9	380

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37	The Influence of Chronic Exposure to Antipsychotic Medications on Brain Size before and after Tissue Fixation: A Comparison of Haloperidol and Olanzapine in Macaque Monkeys. Neuropsychopharmacology, 2005, 30, 1649-1661.	2.8	372
38	Neural and behavioral substrates of mood and mood regulation. Biological Psychiatry, 2002, 52, 478-502.	0.7	355
39	Controlled prospective study of postpartum mood disorders: Psychological, environmental, and hormonal variables.. Journal of Abnormal Psychology, 1991, 100, 63-73.	2.0	348
40	Neuroplasticity of Neocortical Circuits in Schizophrenia. Neuropsychopharmacology, 2008, 33, 141-165.	2.8	329
41	Dopamine transporter immunoreactivity in monkey cerebral cortex: Regional, laminar, and ultrastructural localization. Journal of Comparative Neurology, 2001, 432, 119-136.	0.9	325
42	Lamina-Specific Alterations in the Dopamine Innervation of the Prefrontal Cortex in Schizophrenic Subjects. American Journal of Psychiatry, 1999, 156, 1580-1589.	4.0	319
43	Association and linkage analyses of RGS4 polymorphisms in schizophrenia. Human Molecular Genetics, 2002, 11, 1373-1380.	1.4	318
44	Development of the Prefrontal Cortex during Adolescence: Insights into Vulnerable Neural Circuits in Schizophrenia. Neuropsychopharmacology, 1997, 16, 385-398.	2.8	317
45	Keep off the grass? Cannabis, cognition and addiction. Nature Reviews Neuroscience, 2016, 17, 293-306.	4.9	315
46	Postnatal maturation of the dopaminergic innervation of monkey prefrontal and motor cortices: A tyrosine hydroxylase immunohistochemical analysis. Journal of Comparative Neurology, 1995, 358, 383-400.	0.9	311
47	Molecular evidence for BDNF- and GABA-related dysfunctions in the amygdala of female subjects with major depression. Molecular Psychiatry, 2012, 17, 1130-1142.	4.1	311
48	Localization of amyloid beta protein messenger RNA in brains from patients with Alzheimer's disease. Science, 1987, 237, 77-80.	6.0	308
49	Pathophysiologically based treatment interventions in schizophrenia. Nature Medicine, 2006, 12, 1016-1022.	15.2	307
50	The distribution of tyrosine hydroxylase-immunoreactive fibers in primate neocortex is widespread but regionally specific. Journal of Neuroscience, 1987, 7, 279-290.	1.7	306
51	Molecular Evidence for Increased Expression of Genes Related to Immune and Chaperone Function in the Prefrontal Cortex in Schizophrenia. Biological Psychiatry, 2007, 62, 711-721.	0.7	302
52	Prospective Study of Postpartum Blues. Archives of General Psychiatry, 1991, 48, 801.	13.8	299
53	Reduction of Synaptophysin Immunoreactivity in the Prefrontal Cortex of Subjects With Schizophrenia. Archives of General Psychiatry, 1997, 54, 943.	13.8	268
54	Subunit-Selective Modulation of GABA Type A Receptor Neurotransmission and Cognition in Schizophrenia. American Journal of Psychiatry, 2008, 165, 1585-1593.	4.0	264

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55	GABAergic local circuit neurons and prefrontal cortical dysfunction in schizophrenia. Brain Research Reviews, 2000, 31, 270-276.	9.1	259
56	Altered GABA neurotransmission and prefrontal cortical dysfunction in schizophrenia. Biological Psychiatry, 1999, 46, 616-626.	0.7	252
57	Reduced Dendritic Spine Density in Auditory Cortex of Subjects with Schizophrenia. Neuropsychopharmacology, 2009, 34, 374-389.	2.8	250
58	Reciprocal Alterations in Pre- and Postsynaptic Inhibitory Markers at Chandelier Cell Inputs to Pyramidal Neurons in Schizophrenia. Cerebral Cortex, 2002, 12, 1063-1070.	1.6	244
59	Cortical Deficits of Glutamic Acid Decarboxylase 67 Expression in Schizophrenia: Clinical, Protein, and Cell Type-Specific Features. American Journal of Psychiatry, 2011, 168, 921-929.	4.0	237
60	Alterations of Cortical GABA Neurons and Network Oscillations in Schizophrenia. Current Psychiatry Reports, 2010, 12, 335-344.	2.1	235
61	Synchronous development of pyramidal neuron dendritic spines and parvalbumin-immunoreactive chandelier neuron axon terminals in layer III of monkey prefrontal cortex. Neuroscience, 1995, 67, 7-22.	1.1	234
62	Alterations in Chandelier Neuron Axon Terminals in the Prefrontal Cortex of Schizophrenic Subjects. American Journal of Psychiatry, 1999, 156, 1709-1719.	4.0	234
63	The Initial Field Trials of DSM-5: New Blooms and Old Thorns. American Journal of Psychiatry, 2013, 170, 1-5.	4.0	229
64	Effect of Chronic Antipsychotic Exposure on Astrocyte and Oligodendrocyte Numbers in Macaque Monkeys. Biological Psychiatry, 2008, 63, 759-765.	0.7	228
65	REDD1 is essential for stress-induced synaptic loss and depressive behavior. Nature Medicine, 2014, 20, 531-535.	15.2	226
66	Selective alterations in prefrontal cortical GABA neurotransmission in schizophrenia: a novel target for the treatment of working memory dysfunction. Psychopharmacology, 2004, 174, 143-50.	1.5	224
67	Decreased Somal Size of Deep Layer 3 Pyramidal Neurons in the Prefrontal Cortex of Subjects With Schizophrenia. Archives of General Psychiatry, 2001, 58, 466.	13.8	223
68	Heterogeneity of chandelier neurons in monkey neocortex: Corticotropin-releasing factor-and parvalbumin-immunoreactive populations. Journal of Comparative Neurology, 1990, 293, 599-615.	0.9	221
69	Brain-Derived Neurotrophic Factor Signaling and Subgenual Anterior Cingulate Cortex Dysfunction in Major Depressive Disorder. American Journal of Psychiatry, 2012, 169, 1194-1202.	4.0	221
70	Axon terminals immunolabeled for dopamine or tyrosine hydroxylase synapse on GABA-immunoreactive dendrites in rat and monkey cortex. Journal of Comparative Neurology, 1995, 363, 264-280.	0.9	215
71	Lamina-Specific Reductions in Dendritic Spine Density in the Prefrontal Cortex of Subjects With Schizophrenia. American Journal of Psychiatry, 2005, 162, 1200-1202.	4.0	215
72	Effects of aging on circadian patterns of gene expression in the human prefrontal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 206-211.	3.3	215

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73	Topography of pyramidal neuron intrinsic connections in macaque monkey prefrontal cortex (areas 9) Tj ETQq1 1 0.784314 rgBT /Ove	0.9	214
74	Immunocytochemical Distribution of the Cannabinoid CB1 Receptor in the Primate Neocortex: A Regional and Laminar Analysis. Cerebral Cortex, 2006, 17, 175-191.	1.6	211
75	Molecular mechanisms contributing to dendritic spine alterations in the prefrontal cortex of subjects with schizophrenia. Molecular Psychiatry, 2006, 11, 557-566.	4.1	209
76	Reduced Cortical Cannabinoid 1 Receptor Messenger RNA and Protein Expression in Schizophrenia. Archives of General Psychiatry, 2008, 65, 772.	13.8	208
77	Opposite Molecular Signatures of Depression in Men and Women. Biological Psychiatry, 2018, 84, 18-27.	0.7	205
78	Local circuit neurons of developing and mature macaque prefrontal cortex: Golgi and immunocytochemical characteristics. Journal of Comparative Neurology, 1993, 328, 282-312.	0.9	204
79	Alterations in cortical interneurons and cognitive function in schizophrenia. Neurobiology of Disease, 2019, 131, 104208.	2.1	203
80	GABA Transporter-1 mRNA in the Prefrontal Cortex in Schizophrenia: Decreased Expression in a Subset of Neurons. American Journal of Psychiatry, 2001, 158, 256-265.	4.0	202
81	Schizophrenia from a neural circuitry perspective: advancing toward rational pharmacological therapies. Journal of Clinical Investigation, 2009, 119, 706-716.	3.9	202
82	GABA Neuron Alterations, Cortical Circuit Dysfunction and Cognitive Deficits in Schizophrenia. Neural Plasticity, 2011, 2011, 1-24.	1.0	193
83	Local circuit neurons of the prefrontal cortex in schizophrenia: selective increase in the density of calbindin-immunoreactive neurons. Psychiatry Research, 1995, 59, 81-96.	1.7	191
84	Schizophrenia and the parvalbumin-containing class of cortical local circuit neurons. American Journal of Psychiatry, 1997, 154, 1013-1015.	4.0	189
85	Lamina-Specific Deficits in Parvalbumin-Immunoreactive Varicosities in the Prefrontal Cortex of Subjects With Schizophrenia: Evidence for Fewer Projections From the Thalamus. American Journal of Psychiatry, 2001, 158, 1411-1422.	4.0	187
86	Inhibitory neurons in human cortical circuits: substrate for cognitive dysfunction in schizophrenia. Current Opinion in Neurobiology, 2014, 26, 22-26.	2.0	187
87	GABA-related transcripts in the dorsolateral prefrontal cortex in mood disorders. International Journal of Neuropsychopharmacology, 2011, 14, 721-734.	1.0	185
88	Patterns of intrinsic and associational circuitry in monkey prefrontal cortex. , 1996, 376, 614-630.		180
89	Reduced Labeling of Parvalbumin Neurons and Perineuronal Nets in the Dorsolateral Prefrontal Cortex of Subjects with Schizophrenia. Neuropsychopharmacology, 2016, 41, 2206-2214.	2.8	180
90	Alterations in Somatostatin mRNA Expression in the Dorsolateral Prefrontal Cortex of Subjects with Schizophrenia or Schizoaffective Disorder. Cerebral Cortex, 2008, 18, 1575-1587.	1.6	178

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91	A Molecular Signature of Depression in the Amygdala. American Journal of Psychiatry, 2009, 166, 1011-1024.	4.0	177
92	Changes in the adolescent brain and the pathophysiology of psychotic disorders. Lancet Psychiatry,the, 2014, 1, 549-558.	3.7	177
93	The Human Brain Revisited Opportunities and Challenges in Postmortem Studies of Psychiatric Disorders. Neuropsychopharmacology, 2002, 26, 143-154.	2.8	174
94	Differential regulation of amyloid-beta-protein mRNA expression within hippocampal neuronal subpopulations in Alzheimer disease.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 1297-1301.	3.3	170
95	Effect of Chronic Exposure to Antipsychotic Medication on Cell Numbers in the Parietal Cortex of Macaque Monkeys. Neuropsychopharmacology, 2007, 32, 1216-1223.	2.8	170
96	A monoclonal antibody to non-phosphorylated neurofilament protein marks the vulnerable cortical neurons in Alzheimer's disease. Brain Research, 1987, 416, 331-336.	1.1	164
97	Changes in the dopaminergic innervation of monkey prefrontal cortex during late postnatal development: A tyrosine hydroxylase immunohistochemical study. Biological Psychiatry, 1994, 36, 272-277.	0.7	159
98	Localization of Calcium-binding Proteins in Physiologically and Morphologically Characterized Interneurons of Monkey Dorsolateral Prefrontal Cortex. Cerebral Cortex, 2005, 15, 1178-1186.	1.6	158
99	An immunohistochemical characterization of somatostatin-28 and somatostatin-281-12 in monkey prefrontal cortex. Journal of Comparative Neurology, 1986, 248, 1-18.	0.9	156
100	Reduced somatostatin in subgenual anterior cingulate cortex in major depression. Neurobiology of Disease, 2011, 42, 116-124.	2.1	156
101	Dopamine Increases Excitability of Pyramidal Neurons in Primate Prefrontal Cortex. Journal of Neurophysiology, 2000, 84, 2799-2809.	0.9	154
102	Distinctive transcriptome alterations of prefrontal pyramidal neurons in schizophrenia and schizoaffective disorder. Molecular Psychiatry, 2015, 20, 1397-1405.	4.1	154
103	Impaired prefrontal inhibition in schizophrenia: relevance for cognitive dysfunction. Physiology and Behavior, 2002, 77, 501-505.	1.0	149
104	CommonMind Consortium provides transcriptomic and epigenomic data for Schizophrenia and Bipolar Disorder. Scientific Data, 2019, 6, 180.	2.4	149
105	Mapping auditory core, lateral belt, and parabelt cortices in the human superior temporal gyrus. Journal of Comparative Neurology, 2005, 491, 270-289.	0.9	147
106	Horizontal Synaptic Connections in Monkey Prefrontal Cortex: An In Vitro Electrophysiological Study. Cerebral Cortex, 2000, 10, 82-92.	1.6	145
107	Peripubertal refinement of the intrinsic and associational circuitry in monkey prefrontal cortex. Neuroscience, 1997, 80, 1149-1158.	1.1	144
108	Functional Properties of Fast Spiking Interneurons and Their Synaptic Connections With Pyramidal Cells in Primate Dorsolateral Prefrontal Cortex. Journal of Neurophysiology, 2005, 93, 942-953.	0.9	140

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109	Cannabis-associated psychosis: Neural substrate and clinical impact. Neuropharmacology, 2017, 124, 89-104.	2.0	140
110	Reduction of Synaptophysin Immunoreactivity in the Prefrontal Cortex of Subjects With Schizophrenia. Archives of General Psychiatry, 1997, 54, 660.	13.8	139
111	Tyrosine Hydroxylase- and Dopamine Transporter-Immunoreactive Axons in the Primate Cerebellum Evidence for a Lobular- and Laminar-Specific Dopamine Innervation. Neuropsychopharmacology, 2000, 22, 466-472.	2.8	137
112	A Neonatal Ventral Hippocampal Lesion Causes Functional Deficits in Adult Prefrontal Cortical Interneurons. Journal of Neuroscience, 2008, 28, 12691-12699.	1.7	137
113	Glutamate Receptor Subtypes Mediating Synaptic Activation of Prefrontal Cortex Neurons: Relevance for Schizophrenia. Journal of Neuroscience, 2011, 31, 142-156.	1.7	136
114	Noradrenergic innervation of monkey prefrontal cortex: A dopamine-?-hydroxylase immunohistochemical study. Journal of Comparative Neurology, 1989, 282, 317-330.	0.9	135
115	Deficits in Transcriptional Regulators of Cortical Parvalbumin Neurons in Schizophrenia. American Journal of Psychiatry, 2012, 169, 1082-1091.	4.0	135
116	Protracted Developmental Trajectories of GABAA Receptor Î±1 and Î±2 Subunit Expression in Primate Prefrontal Cortex. Biological Psychiatry, 2009, 65, 1015-1023.	0.7	134
117	Association study of 21 circadian genes with bipolar I disorder, schizoaffective disorder, and schizophrenia. Bipolar Disorders, 2009, 11, 701-710.	1.1	133
118	The dopaminergic innervation of monkey prefrontal cortex: a tyrosine hydroxylase immunohistochemical study. Brain Research, 1988, 449, 225-243.	1.1	132
119	Cortical circuit dysfunction and cognitive deficits in schizophrenia â€“ implications for preemptive interventions. European Journal of Neuroscience, 2012, 35, 1871-1878.	1.2	130
120	Critical Appraisal of DNA Microarrays in Psychiatric Genomics. Biological Psychiatry, 2006, 60, 163-176.	0.7	129
121	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
122	Postmortem transcriptional profiling reveals widespread increase in inflammation in schizophrenia: a comparison of prefrontal cortex, striatum, and hippocampus among matched tetrads of controls with subjects diagnosed with schizophrenia, bipolar or major depressive disorder. Translational Psychiatry, 2019, 9, 151.	2.4	127
123	Distribution of choline acetyltransferase-, serotonin-, dopamine-?-hydroxylase-, tyrosine hydroxylase-immunoreactive fibers in monkey primary auditory cortex. Journal of Comparative Neurology, 1987, 261, 209-220.	0.9	126
124	Altered parvalbumin basket cell inputs in the dorsolateral prefrontal cortex of schizophrenia subjects. Molecular Psychiatry, 2014, 19, 30-36.	4.1	126
125	Pathological Basis for Deficient Excitatory Drive to Cortical Parvalbumin Interneurons in Schizophrenia. American Journal of Psychiatry, 2016, 173, 1131-1139.	4.0	124
126	Intrinsic excitatory connections in the prefrontal cortex and the pathophysiology of schizophrenia. Brain Research Bulletin, 2000, 52, 309-317.	1.4	121

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127	Elevated 5-HT 2A receptors in postmortem prefrontal cortex in major depression is associated with reduced activity of protein kinase A. Neuroscience, 2009, 158, 1406-1415.	1.1	121
128	Cluster Analysisâ€“Based Physiological Classification and Morphological Properties of Inhibitory Neurons in Layers 2â€“3 of Monkey Dorsolateral Prefrontal Cortex. Journal of Neurophysiology, 2005, 94, 3009-3022.	0.9	120
129	Cortical basket cell dysfunction in schizophrenia. Journal of Physiology, 2012, 590, 715-724.	1.3	119
130	Properties of Excitatory Synaptic Responses in Fast-spiking Interneurons and Pyramidal Cells from Monkey and Rat Prefrontal Cortex. Cerebral Cortex, 2006, 16, 541-552.	1.6	118
131	Interneuron Diversity in Layers 2â€“3 of Monkey Prefrontal Cortex. Cerebral Cortex, 2009, 19, 1597-1615.	1.6	117
132	Alterations in Metabotropic Glutamate Receptor 1Î± and Regulator of G Protein Signaling 4 in the Prefrontal Cortex in Schizophrenia. American Journal of Psychiatry, 2010, 167, 1489-1498.	4.0	117
133	Altered Cortical Expression of GABA-Related Genes in Schizophrenia: Illness Progression vs Developmental Disturbance. Schizophrenia Bulletin, 2015, 41, 180-191.	2.3	117
134	Hemispheric Differences in Layer III Pyramidal Neurons of the Anterior Language Area. Archives of Neurology, 1993, 50, 501-505.	4.9	116
135	Dopamine innervation of a subclass of local circuit neurons in monkey prefrontal cortex: ultrastructural analysis of tyrosine hydroxylase and parvalbumin immunoreactive structures. Cerebral Cortex, 1998, 8, 614-622.	1.6	116
136	Synaptic targets of pyramidal neurons providing intrinsic horizontal connections in monkey prefrontal cortex. , 1998, 390, 211-224.		115
137	Lamina-Specific Alterations in Cortical GABAA Receptor Subunit Expression in Schizophrenia. Cerebral Cortex, 2011, 21, 999-1011.	1.6	115
138	Evaluation of TrkB and BDNF transcripts in prefrontal cortex, hippocampus, and striatum from subjects with schizophrenia, bipolar disorder, and major depressive disorder. Neurobiology of Disease, 2015, 77, 220-227.	2.1	115
139	Increased density of microtubule associated protein 2-immunoreactive neurons in the prefrontal white matter of schizophrenic subjects. Schizophrenia Research, 1996, 19, 111-119.	1.1	114
140	Amygdala Gene Expression Correlates of Social Behavior in Monkeys Experiencing Maternal Separation. Journal of Neuroscience, 2007, 27, 3295-3304.	1.7	114
141	Role of oxidative changes in the degeneration of dopamine terminals after injection of neurotoxic levels of dopamine. Neuroscience, 2000, 101, 67-76.	1.1	112
142	Molecular Mechanisms and Timing of Cortical Immune Activation in Schizophrenia. American Journal of Psychiatry, 2015, 172, 1112-1121.	4.0	111
143	Altered Cortical Glutamate Neurotransmission in Schizophrenia. Annals of the New York Academy of Sciences, 2003, 1003, 102-112.	1.8	110
144	Postnatal development of pre- and postsynaptic GABA markers at chandelier cell connections with pyramidal neurons in monkey prefrontal cortex. Journal of Comparative Neurology, 2003, 465, 385-400.	0.9	110

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145	Dopamine Increases Inhibition in the Monkey Dorsolateral Prefrontal Cortex through Cell Type-Specific Modulation of Interneurons. Cerebral Cortex, 2006, 17, 1020-1032.	1.6	110
146	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
147	Postnatal Development of Prefrontal Inhibitory Circuits and the Pathophysiology of Cognitive Dysfunction in Schizophrenia. Annals of the New York Academy of Sciences, 2004, 1021, 64-76.	1.8	109
148	Postnatal Developmental Trajectories of Neural Circuits in the Primate Prefrontal Cortex: Identifying Sensitive Periods for Vulnerability to Schizophrenia. Schizophrenia Bulletin, 2011, 37, 493-503.	2.3	109
149	The hierarchical development of monkey visual cortical regions as revealed by the maturation of parvalbumin-immunoreactive neurons. Developmental Brain Research, 1996, 96, 261-276.	2.1	107
150	Parvalbumin-Positive Basket Interneurons in Monkey and Rat Prefrontal Cortex. Journal of Neurophysiology, 2008, 100, 2348-2360.	0.9	104
151	Selective Loss of Smaller Spines in Schizophrenia. American Journal of Psychiatry, 2017, 174, 586-594.	4.0	103
152	Tritiated Imipramine Binding Distinguishes Among Subtypes of Depression. Archives of General Psychiatry, 1985, 42, 485.	13.8	102
153	Gene expression profiling with DNA microarrays: advancing our understanding of psychiatric disorders. Neurochemical Research, 2002, 27, 1049-1063.	1.6	102
154	Distinct Physiological Maturation of Parvalbumin-Positive Neuron Subtypes in Mouse Prefrontal Cortex. Journal of Neuroscience, 2017, 37, 4883-4902.	1.7	102
155	Primary visual cortex volume and total neuron number are reduced in schizophrenia. Journal of Comparative Neurology, 2007, 501, 290-301.	0.9	101
156	Altered Expression of Regulators of the Cortical Chloride Transporters NKCC1 and KCC2 in Schizophrenia. Archives of General Psychiatry, 2011, 68, 21.	13.8	101
157	Four isoforms of tyrosine hydroxylase are expressed in human brain. Neuroscience, 1993, 54, 477-492.	1.1	100
158	Altered Cortical CDC42 Signaling Pathways in Schizophrenia: Implications for Dendritic Spine Deficits. Biological Psychiatry, 2010, 68, 25-32.	0.7	99
159	Synaptic Actin Dysregulation, a Convergent Mechanism of Mental Disorders?. Journal of Neuroscience, 2016, 36, 11411-11417.	1.7	99
160	Serotonergic Stimulation of Adrenocorticotropin Secretion in Man*. Journal of Clinical Endocrinology and Metabolism, 1984, 58, 458-462.	1.8	97
161	Stereological analysis of the mediodorsal thalamic nucleus in schizophrenia: Volume, neuron number, and cell types. Journal of Comparative Neurology, 2004, 472, 449-462.	0.9	97
162	Genetic polymorphisms of the RGS4 and dorsolateral prefrontal cortex morphometry among first episode schizophrenia patients. Molecular Psychiatry, 2005, 10, 213-219.	4.1	97

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163	Synaptic targets of the intrinsic axon collaterals of supragranular pyramidal neurons in monkey prefrontal cortex. Journal of Comparative Neurology, 2001, 430, 209-221.	0.9	96
164	Neuropathologic Correlates of Late-Onset Major Depression. Neuropsychopharmacology, 2004, 29, 2242-2250.	2.8	96
165	Deciphering the Disease Process of Schizophrenia: The Contribution of Cortical Gaba Neurons. International Review of Neurobiology, 2007, 78, 109-131.	0.9	95
166	Postnatal development of parvalbumin- and GABA transporter-immunoreactive axon terminals in monkey prefrontal cortex. Journal of Comparative Neurology, 2002, 448, 186-202.	0.9	92
167	P/Q-Type, But Not N-Type, Calcium Channels Mediate GABA Release From Fast-Spiking Interneurons to Pyramidal Cells in Rat Prefrontal Cortex. Journal of Neurophysiology, 2007, 97, 3567-3573.	0.9	92
168	In Vivo Measurement of GABA Transmission in Healthy Subjects and Schizophrenia Patients. American Journal of Psychiatry, 2015, 172, 1148-1159.	4.0	92
169	Distribution of precursor amyloid-beta-protein messenger RNA in human cerebral cortex: relationship to neurofibrillary tangles and neuritic plaques.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 1691-1695.	3.3	91
170	Heterogeneity of layer II neurons in human entorhinal cortex. Journal of Comparative Neurology, 1992, 321, 241-266.	0.9	91
171	Cytoarchitecture of the entorhinal cortex in schizophrenia. American Journal of Psychiatry, 1997, 154, 1010-1012.	4.0	91
172	Reduced Pyramidal Cell Somal Volume in Auditory Association Cortex of Subjects with Schizophrenia. Neuropsychopharmacology, 2003, 28, 599-609.	2.8	91
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