

David A Lewis

List of Publications by Year in descending order

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517
papers

58,919
citations

767

119
h-index

1599

216
g-index

542
all docs

542
docs citations

542
times ranked

37435
citing authors

#	ARTICLE	IF	CITATIONS
1	Cortical inhibitory neurons and schizophrenia. <i>Nature Reviews Neuroscience</i> , 2005, 6, 312-324.	10.2	2,065
2	Decreased Dendritic Spine Density on Prefrontal Cortical Pyramidal Neurons in Schizophrenia. <i>Archives of General Psychiatry</i> , 2000, 57, 65.	12.3	1,419
3	Petilla terminology: nomenclature of features of GABAergic interneurons of the cerebral cortex. <i>Nature Reviews Neuroscience</i> , 2008, 9, 557-568.	10.2	1,314
4	Schizophrenia as a Disorder of Neurodevelopment. <i>Annual Review of Neuroscience</i> , 2002, 25, 409-432.	10.7	1,026
5	Gene expression elucidates functional impact of polygenic risk for schizophrenia. <i>Nature Neuroscience</i> , 2016, 19, 1442-1453.	14.8	952
6	Cortical parvalbumin interneurons and cognitive dysfunction in schizophrenia. <i>Trends in Neurosciences</i> , 2012, 35, 57-67.	8.6	892
7	Molecular Characterization of Schizophrenia Viewed by Microarray Analysis of Gene Expression in Prefrontal Cortex. <i>Neuron</i> , 2000, 28, 53-67.	8.1	861
8	Shared molecular neuropathology across major psychiatric disorders parallels polygenic overlap. <i>Science</i> , 2018, 359, 693-697.	12.6	851
9	Gene Expression Deficits in a Subclass of GABA Neurons in the Prefrontal Cortex of Subjects with Schizophrenia. <i>Journal of Neuroscience</i> , 2003, 23, 6315-6326.	3.6	843
10	Transcriptome-wide isoform-level dysregulation in ASD, schizophrenia, and bipolar disorder. <i>Science</i> , 2018, 362, .	12.6	805
11	Mitochondrial dysfunction as a cause of axonal degeneration in multiple sclerosis patients. <i>Annals of Neurology</i> , 2006, 59, 478-489.	5.3	748
12	Catching Up on Schizophrenia. <i>Neuron</i> , 2000, 28, 325-334.	8.1	712
13	New insights into the classification and nomenclature of cortical GABAergic interneurons. <i>Nature Reviews Neuroscience</i> , 2013, 14, 202-216.	10.2	707
14	Decreased Glutamic Acid Decarboxylase67 Messenger RNA Expression in a Subset of Prefrontal Cortical 13 -Aminobutyric Acid Neurons in Subjects With Schizophrenia. <i>Archives of General Psychiatry</i> , 2000, 57, 237.	12.3	622
15	Comprehensive functional genomic resource and integrative model for the human brain. <i>Science</i> , 2018, 362, .	12.6	618
16	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. <i>NeuroImage</i> , 2019, 202, 116091.	4.2	539
17	Laminar and regional distributions of neurofibrillary tangles and neuritic plaques in Alzheimer's disease: a quantitative study of visual and auditory cortices. <i>Journal of Neuroscience</i> , 1987, 7, 1799-1808.	3.6	535
18	Integrative functional genomic analysis of human brain development and neuropsychiatric risks. <i>Science</i> , 2018, 362, .	12.6	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.	7.1	502
20	GABA Neurons and the Mechanisms of Network Oscillations: Implications for Understanding Cortical Dysfunction in Schizophrenia. Schizophrenia Bulletin, 2008, 34, 944-961.	4.3	500
21	Steroid-induced psychiatric syndromes. Journal of Affective Disorders, 1983, 5, 319-332.	4.1	487
22	Dendritic spine pathology in schizophrenia. Neuroscience, 2013, 251, 90-107.	2.3	472
23	Local circuit neurons immunoreactive for calretinin, calbindin D _{28k} or parvalbumin in monkey prefrontal cortex: Distribution and morphology. Journal of Comparative Neurology, 1994, 341, 95-116.	1.6	461
24	Alterations in GABA-related transcriptome in the dorsolateral prefrontal cortex of subjects with schizophrenia. Molecular Psychiatry, 2008, 13, 147-161.	7.9	447
25	Stereological Approaches to Identifying Neuropathology in Psychosis. Biological Psychiatry, 2011, 69, 113-126.	1.3	435
26	Altered expression of genes involved in inflammation and apoptosis in frontal cortex in major depression. Molecular Psychiatry, 2011, 16, 751-762.	7.9	425
27	Gene Expression Profiling Reveals Alterations of Specific Metabolic Pathways in Schizophrenia. Journal of Neuroscience, 2002, 22, 2718-2729.	3.6	414
28	Disease-specific changes in regulator of G-protein signaling 4 (RGS4) expression in schizophrenia. Molecular Psychiatry, 2001, 6, 293-301.	7.9	413
29	Altering the course of schizophrenia: progress and perspectives. Nature Reviews Drug Discovery, 2016, 15, 485-515.	46.4	410
30	Alterations in Cortical Network Oscillations and Parvalbumin Neurons in Schizophrenia. Biological Psychiatry, 2015, 77, 1031-1040.	1.3	409
31	A subclass of prefrontal γ -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.	7.1	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.	7.2	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.	3.6	390
34	NMDA Receptor Hypofunction, Parvalbumin-Positive Neurons, and Cortical Gamma Oscillations in Schizophrenia. Schizophrenia Bulletin, 2012, 38, 950-957.	4.3	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.	8.6	383
36	Cognitive Dysfunction in Schizophrenia. Archives of Neurology, 2006, 63, 1372.	4.5	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. <i>Neuropsychopharmacology</i> , 2005, 30, 1649-1661.	5.4	372
38	Neural and behavioral substrates of mood and mood regulation. <i>Biological Psychiatry</i> , 2002, 52, 478-502.	1.3	355
39	Controlled prospective study of postpartum mood disorders: Psychological, environmental, and hormonal variables.. <i>Journal of Abnormal Psychology</i> , 1991, 100, 63-73.	1.9	348
40	Neuroplasticity of Neocortical Circuits in Schizophrenia. <i>Neuropsychopharmacology</i> , 2008, 33, 141-165.	5.4	329
41	Dopamine transporter immunoreactivity in monkey cerebral cortex: Regional, laminar, and ultrastructural localization. <i>Journal of Comparative Neurology</i> , 2001, 432, 119-136.	1.6	325
42	Lamina-Specific Alterations in the Dopamine Innervation of the Prefrontal Cortex in Schizophrenic Subjects. <i>American Journal of Psychiatry</i> , 1999, 156, 1580-1589.	7.2	319
43	Association and linkage analyses of RGS4 polymorphisms in schizophrenia. <i>Human Molecular Genetics</i> , 2002, 11, 1373-1380.	2.9	318
44	Development of the Prefrontal Cortex during Adolescence: Insights into Vulnerable Neural Circuits in Schizophrenia. <i>Neuropsychopharmacology</i> , 1997, 16, 385-398.	5.4	317
45	Keep off the grass? Cannabis, cognition and addiction. <i>Nature Reviews Neuroscience</i> , 2016, 17, 293-306.	10.2	315
46	Postnatal maturation of the dopaminergic innervation of monkey prefrontal and motor cortices: A tyrosine hydroxylase immunohistochemical analysis. <i>Journal of Comparative Neurology</i> , 1995, 358, 383-400.	1.6	311
47	Molecular evidence for BDNF- and GABA-related dysfunctions in the amygdala of female subjects with major depression. <i>Molecular Psychiatry</i> , 2012, 17, 1130-1142.	7.9	311
48	Localization of amyloid beta protein messenger RNA in brains from patients with Alzheimer's disease. <i>Science</i> , 1987, 237, 77-80.	12.6	308
49	Pathophysiologically based treatment interventions in schizophrenia. <i>Nature Medicine</i> , 2006, 12, 1016-1022.	30.7	307
50	The distribution of tyrosine hydroxylase-immunoreactive fibers in primate neocortex is widespread but regionally specific. <i>Journal of Neuroscience</i> , 1987, 7, 279-290.	3.6	306
51	Molecular Evidence for Increased Expression of Genes Related to Immune and Chaperone Function in the Prefrontal Cortex in Schizophrenia. <i>Biological Psychiatry</i> , 2007, 62, 711-721.	1.3	302
52	Prospective Study of Postpartum Blues. <i>Archives of General Psychiatry</i> , 1991, 48, 801.	12.3	299
53	Reduction of Synaptophysin Immunoreactivity in the Prefrontal Cortex of Subjects With Schizophrenia. <i>Archives of General Psychiatry</i> , 1997, 54, 943.	12.3	268
54	Subunit-Selective Modulation of GABA Type A Receptor Neurotransmission and Cognition in Schizophrenia. <i>American Journal of Psychiatry</i> , 2008, 165, 1585-1593.	7.2	264

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55	GABAergic local circuit neurons and prefrontal cortical dysfunction in schizophrenia. <i>Brain Research Reviews</i> , 2000, 31, 270-276.	9.0	259
56	Altered GABA neurotransmission and prefrontal cortical dysfunction in schizophrenia. <i>Biological Psychiatry</i> , 1999, 46, 616-626.	1.3	252
57	Reduced Dendritic Spine Density in Auditory Cortex of Subjects with Schizophrenia. <i>Neuropsychopharmacology</i> , 2009, 34, 374-389.	5.4	250
58	Reciprocal Alterations in Pre- and Postsynaptic Inhibitory Markers at Chandelier Cell Inputs to Pyramidal Neurons in Schizophrenia. <i>Cerebral Cortex</i> , 2002, 12, 1063-1070.	2.9	244
59	Cortical Deficits of Glutamic Acid Decarboxylase 67 Expression in Schizophrenia: Clinical, Protein, and Cell Type-Specific Features. <i>American Journal of Psychiatry</i> , 2011, 168, 921-929.	7.2	237
60	Alterations of Cortical GABA Neurons and Network Oscillations in Schizophrenia. <i>Current Psychiatry Reports</i> , 2010, 12, 335-344.	4.5	235
61	Synchronous development of pyramidal neuron dendritic spines and parvalbumin-immunoreactive chandelier neuron axon terminals in layer III of monkey prefrontal cortex. <i>Neuroscience</i> , 1995, 67, 7-22.	2.3	234
62	Alterations in Chandelier Neuron Axon Terminals in the Prefrontal Cortex of Schizophrenic Subjects. <i>American Journal of Psychiatry</i> , 1999, 156, 1709-1719.	7.2	234
63	The Initial Field Trials of DSM-5: New Blooms and Old Thorns. <i>American Journal of Psychiatry</i> , 2013, 170, 1-5.	7.2	229
64	Effect of Chronic Antipsychotic Exposure on Astrocyte and Oligodendrocyte Numbers in Macaque Monkeys. <i>Biological Psychiatry</i> , 2008, 63, 759-765.	1.3	228
65	REDD1 is essential for stress-induced synaptic loss and depressive behavior. <i>Nature Medicine</i> , 2014, 20, 531-535.	30.7	226
66	Selective alterations in prefrontal cortical GABA neurotransmission in schizophrenia: a novel target for the treatment of working memory dysfunction. <i>Psychopharmacology</i> , 2004, 174, 143-50.	3.1	224
67	Decreased Somal Size of Deep Layer 3 Pyramidal Neurons in the Prefrontal Cortex of Subjects With Schizophrenia. <i>Archives of General Psychiatry</i> , 2001, 58, 466.	12.3	223
68	Heterogeneity of chandelier neurons in monkey neocortex: Corticotropin-releasing factor-and parvalbumin-immunoreactive populations. <i>Journal of Comparative Neurology</i> , 1990, 293, 599-615.	1.6	221
69	Brain-Derived Neurotrophic Factor Signaling and Subgenual Anterior Cingulate Cortex Dysfunction in Major Depressive Disorder. <i>American Journal of Psychiatry</i> , 2012, 169, 1194-1202.	7.2	221
70	Axon terminals immunolabeled for dopamine or tyrosine hydroxylase synapse on GABA-immunoreactive dendrites in rat and monkey cortex. <i>Journal of Comparative Neurology</i> , 1995, 363, 264-280.	1.6	215
71	Lamina-Specific Reductions in Dendritic Spine Density in the Prefrontal Cortex of Subjects With Schizophrenia. <i>American Journal of Psychiatry</i> , 2005, 162, 1200-1202.	7.2	215
72	Effects of aging on circadian patterns of gene expression in the human prefrontal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 206-211.	7.1	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 /Overld	1.6	214
74	Immunocytochemical Distribution of the Cannabinoid CB1 Receptor in the Primate Neocortex: A Regional and Laminal Analysis. <i>Cerebral Cortex</i> , 2006, 17, 175-191.	2.9	211
75	Molecular mechanisms contributing to dendritic spine alterations in the prefrontal cortex of subjects with schizophrenia. <i>Molecular Psychiatry</i> , 2006, 11, 557-566.	7.9	209
76	Reduced Cortical Cannabinoid 1 Receptor Messenger RNA and Protein Expression in Schizophrenia. <i>Archives of General Psychiatry</i> , 2008, 65, 772.	12.3	208
77	Opposite Molecular Signatures of Depression in Men and Women. <i>Biological Psychiatry</i> , 2018, 84, 18-27.	1.3	205
78	Local circuit neurons of developing and mature macaque prefrontal cortex: Golgi and immunocytochemical characteristics. <i>Journal of Comparative Neurology</i> , 1993, 328, 282-312.	1.6	204
79	Alterations in cortical interneurons and cognitive function in schizophrenia. <i>Neurobiology of Disease</i> , 2019, 131, 104208.	4.4	203
80	GABA Transporter-1 mRNA in the Prefrontal Cortex in Schizophrenia: Decreased Expression in a Subset of Neurons. <i>American Journal of Psychiatry</i> , 2001, 158, 256-265.	7.2	202
81	Schizophrenia from a neural circuitry perspective: advancing toward rational pharmacological therapies. <i>Journal of Clinical Investigation</i> , 2009, 119, 706-716.	8.2	202
82	GABA Neuron Alterations, Cortical Circuit Dysfunction and Cognitive Deficits in Schizophrenia. <i>Neural Plasticity</i> , 2011, 2011, 1-24.	2.2	193
83	Local circuit neurons of the prefrontal cortex in schizophrenia: selective increase in the density of calbindin-immunoreactive neurons. <i>Psychiatry Research</i> , 1995, 59, 81-96.	3.3	191
84	Schizophrenia and the parvalbumin-containing class of cortical local circuit neurons. <i>American Journal of Psychiatry</i> , 1997, 154, 1013-1015.	7.2	189
85	Lamina-Specific Deficits in Parvalbumin-Immunoreactive Varicosities in the Prefrontal Cortex of Subjects With Schizophrenia: Evidence for Fewer Projections From the Thalamus. <i>American Journal of Psychiatry</i> , 2001, 158, 1411-1422.	7.2	187
86	Inhibitory neurons in human cortical circuits: substrate for cognitive dysfunction in schizophrenia. <i>Current Opinion in Neurobiology</i> , 2014, 26, 22-26.	4.2	187
87	GABA-related transcripts in the dorsolateral prefrontal cortex in mood disorders. <i>International Journal of Neuropsychopharmacology</i> , 2011, 14, 721-734.	2.1	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. <i>Neuropsychopharmacology</i> , 2016, 41, 2206-2214.	5.4	180
90	Alterations in Somatostatin mRNA Expression in the Dorsolateral Prefrontal Cortex of Subjects with Schizophrenia or Schizoaffective Disorder. <i>Cerebral Cortex</i> , 2008, 18, 1575-1587.	2.9	178

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91	A Molecular Signature of Depression in the Amygdala. <i>American Journal of Psychiatry</i> , 2009, 166, 1011-1024.	7.2	177
92	Changes in the adolescent brain and the pathophysiology of psychotic disorders. <i>Lancet Psychiatry</i> , 2014, 1, 549-558.	7.4	177
93	The Human Brain Revisited Opportunities and Challenges in Postmortem Studies of Psychiatric Disorders. <i>Neuropsychopharmacology</i> , 2002, 26, 143-154.	5.4	174
94	Differential regulation of amyloid-beta-protein mRNA expression within hippocampal neuronal subpopulations in Alzheimer disease.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988, 85, 1297-1301.	7.1	170
95	Effect of Chronic Exposure to Antipsychotic Medication on Cell Numbers in the Parietal Cortex of Macaque Monkeys. <i>Neuropsychopharmacology</i> , 2007, 32, 1216-1223.	5.4	170
96	A monoclonal antibody to non-phosphorylated neurofilament protein marks the vulnerable cortical neurons in Alzheimer's disease. <i>Brain Research</i> , 1987, 416, 331-336.	2.2	164
97	Changes in the dopaminergic innervation of monkey prefrontal cortex during late postnatal development: A tyrosine hydroxylase immunohistochemical study. <i>Biological Psychiatry</i> , 1994, 36, 272-277.	1.3	159
98	Localization of Calcium-binding Proteins in Physiologically and Morphologically Characterized Interneurons of Monkey Dorsolateral Prefrontal Cortex. <i>Cerebral Cortex</i> , 2005, 15, 1178-1186.	2.9	158
99	An immunohistochemical characterization of somatostatin-28 and somatostatin-281-12 in monkey prefrontal cortex. <i>Journal of Comparative Neurology</i> , 1986, 248, 1-18.	1.6	156
100	Reduced somatostatin in subgenual anterior cingulate cortex in major depression. <i>Neurobiology of Disease</i> , 2011, 42, 116-124.	4.4	156
101	Dopamine Increases Excitability of Pyramidal Neurons in Primate Prefrontal Cortex. <i>Journal of Neurophysiology</i> , 2000, 84, 2799-2809.	1.8	154
102	Distinctive transcriptome alterations of prefrontal pyramidal neurons in schizophrenia and schizoaffective disorder. <i>Molecular Psychiatry</i> , 2015, 20, 1397-1405.	7.9	154
103	Impaired prefrontal inhibition in schizophrenia: relevance for cognitive dysfunction. <i>Physiology and Behavior</i> , 2002, 77, 501-505.	2.1	149
104	CommonMind Consortium provides transcriptomic and epigenomic data for Schizophrenia and Bipolar Disorder. <i>Scientific Data</i> , 2019, 6, 180.	5.3	149
105	Mapping auditory core, lateral belt, and parabelt cortices in the human superior temporal gyrus. <i>Journal of Comparative Neurology</i> , 2005, 491, 270-289.	1.6	147
106	Horizontal Synaptic Connections in Monkey Prefrontal Cortex: An In Vitro Electrophysiological Study. <i>Cerebral Cortex</i> , 2000, 10, 82-92.	2.9	145
107	Peripubertal refinement of the intrinsic and associational circuitry in monkey prefrontal cortex. <i>Neuroscience</i> , 1997, 80, 1149-1158.	2.3	144
108	Functional Properties of Fast Spiking Interneurons and Their Synaptic Connections With Pyramidal Cells in Primate Dorsolateral Prefrontal Cortex. <i>Journal of Neurophysiology</i> , 2005, 93, 942-953.	1.8	140

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109	Cannabis-associated psychosis: Neural substrate and clinical impact. <i>Neuropharmacology</i> , 2017, 124, 89-104.	4.1	140
110	Reduction of Synaptophysin Immunoreactivity in the Prefrontal Cortex of Subjects With Schizophrenia. <i>Archives of General Psychiatry</i> , 1997, 54, 660.	12.3	139
111	Tyrosine Hydroxylase- and Dopamine Transporter-Immunoreactive Axons in the Primate Cerebellum Evidence for a Lobular- and Laminar-Specific Dopamine Innervation. <i>Neuropsychopharmacology</i> , 2000, 22, 466-472.	5.4	137
112	A Neonatal Ventral Hippocampal Lesion Causes Functional Deficits in Adult Prefrontal Cortical Interneurons. <i>Journal of Neuroscience</i> , 2008, 28, 12691-12699.	3.6	137
113	Glutamate Receptor Subtypes Mediating Synaptic Activation of Prefrontal Cortex Neurons: Relevance for Schizophrenia. <i>Journal of Neuroscience</i> , 2011, 31, 142-156.	3.6	136
114	Noradrenergic innervation of monkey prefrontal cortex: A dopamine- β -hydroxylase immunohistochemical study. <i>Journal of Comparative Neurology</i> , 1989, 282, 317-330.	1.6	135
115	Deficits in Transcriptional Regulators of Cortical Parvalbumin Neurons in Schizophrenia. <i>American Journal of Psychiatry</i> , 2012, 169, 1082-1091.	7.2	135
116	Protracted Developmental Trajectories of GABAA Receptor $\alpha 1$ and $\alpha 2$ Subunit Expression in Primate Prefrontal Cortex. <i>Biological Psychiatry</i> , 2009, 65, 1015-1023.	1.3	134
117	Association study of 21 circadian genes with bipolar I disorder, schizoaffective disorder, and schizophrenia. <i>Bipolar Disorders</i> , 2009, 11, 701-710.	1.9	133
118	The dopaminergic innervation of monkey prefrontal cortex: a tyrosine hydroxylase immunohistochemical study. <i>Brain Research</i> , 1988, 449, 225-243.	2.2	132
119	Cortical circuit dysfunction and cognitive deficits in schizophrenia – implications for preemptive interventions. <i>European Journal of Neuroscience</i> , 2012, 35, 1871-1878.	2.6	130
120	Critical Appraisal of DNA Microarrays in Psychiatric Genomics. <i>Biological Psychiatry</i> , 2006, 60, 163-176.	1.3	129
121	Landscape of Conditional eQTL in Dorsolateral Prefrontal Cortex and Co-localization with Schizophrenia GWAS. <i>American Journal of Human Genetics</i> , 2018, 102, 1169-1184.	6.2	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. <i>Translational Psychiatry</i> , 2019, 9, 151.	4.8	127
123	Distribution of choline acetyltransferase-, serotonin-, dopamine- β -hydroxylase-, tyrosine hydroxylase-immunoreactive fibers in monkey primary auditory cortex. <i>Journal of Comparative Neurology</i> , 1987, 261, 209-220.	1.6	126
124	Altered parvalbumin basket cell inputs in the dorsolateral prefrontal cortex of schizophrenia subjects. <i>Molecular Psychiatry</i> , 2014, 19, 30-36.	7.9	126
125	Pathological Basis for Deficient Excitatory Drive to Cortical Parvalbumin Interneurons in Schizophrenia. <i>American Journal of Psychiatry</i> , 2016, 173, 1131-1139.	7.2	124
126	Intrinsic excitatory connections in the prefrontal cortex and the pathophysiology of schizophrenia. <i>Brain Research Bulletin</i> , 2000, 52, 309-317.	3.0	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. <i>Neuroscience</i> , 2009, 158, 1406-1415.	2.3	121
128	Cluster Analysis-Based Physiological Classification and Morphological Properties of Inhibitory Neurons in Layers 2-3 of Monkey Dorsolateral Prefrontal Cortex. <i>Journal of Neurophysiology</i> , 2005, 94, 3009-3022.	1.8	120
129	Cortical basket cell dysfunction in schizophrenia. <i>Journal of Physiology</i> , 2012, 590, 715-724.	2.9	119
130	Properties of Excitatory Synaptic Responses in Fast-spiking Interneurons and Pyramidal Cells from Monkey and Rat Prefrontal Cortex. <i>Cerebral Cortex</i> , 2006, 16, 541-552.	2.9	118
131	Interneuron Diversity in Layers 2-3 of Monkey Prefrontal Cortex. <i>Cerebral Cortex</i> , 2009, 19, 1597-1615.	2.9	117
132	Alterations in Metabotropic Glutamate Receptor 1 \pm and Regulator of G Protein Signaling 4 in the Prefrontal Cortex in Schizophrenia. <i>American Journal of Psychiatry</i> , 2010, 167, 1489-1498.	7.2	117
133	Altered Cortical Expression of GABA-Related Genes in Schizophrenia: Illness Progression vs Developmental Disturbance. <i>Schizophrenia Bulletin</i> , 2015, 41, 180-191.	4.3	117
134	Hemispheric Differences in Layer III Pyramidal Neurons of the Anterior Language Area. <i>Archives of Neurology</i> , 1993, 50, 501-505.	4.5	116
135	Dopamine innervation of a subclass of local circuit neurons in monkey prefrontal cortex: ultrastructural analysis of tyrosine hydroxylase and parvalbumin immunoreactive structures. <i>Cerebral Cortex</i> , 1998, 8, 614-622.	2.9	116
136	Synaptic targets of pyramidal neurons providing intrinsic horizontal connections in monkey prefrontal cortex. <i>Journal of Comparative Neurology</i> , 1998, 390, 211-224.	1.6	115
137	Lamina-Specific Alterations in Cortical GABA _A Receptor Subunit Expression in Schizophrenia. <i>Cerebral Cortex</i> , 2011, 21, 999-1011.	2.9	115
138	Evaluation of TrkB and BDNF transcripts in prefrontal cortex, hippocampus, and striatum from subjects with schizophrenia, bipolar disorder, and major depressive disorder. <i>Neurobiology of Disease</i> , 2015, 77, 220-227.	4.4	115
139	Increased density of microtubule associated protein 2-immunoreactive neurons in the prefrontal white matter of schizophrenic subjects. <i>Schizophrenia Research</i> , 1996, 19, 111-119.	2.0	114
140	Amygdala Gene Expression Correlates of Social Behavior in Monkeys Experiencing Maternal Separation. <i>Journal of Neuroscience</i> , 2007, 27, 3295-3304.	3.6	114
141	Role of oxidative changes in the degeneration of dopamine terminals after injection of neurotoxic levels of dopamine. <i>Neuroscience</i> , 2000, 101, 67-76.	2.3	112
142	Molecular Mechanisms and Timing of Cortical Immune Activation in Schizophrenia. <i>American Journal of Psychiatry</i> , 2015, 172, 1112-1121.	7.2	111
143	Altered Cortical Glutamate Neurotransmission in Schizophrenia. <i>Annals of the New York Academy of Sciences</i> , 2003, 1003, 102-112.	3.8	110
144	Postnatal development of pre- and postsynaptic GABA markers at chandelier cell connections with pyramidal neurons in monkey prefrontal cortex. <i>Journal of Comparative Neurology</i> , 2003, 465, 385-400.	1.6	110

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145	Dopamine Increases Inhibition in the Monkey Dorsolateral Prefrontal Cortex through Cell Type-Specific Modulation of Interneurons. <i>Cerebral Cortex</i> , 2006, 17, 1020-1032.	2.9	110
146	Mapping the Consequences of Impaired Synaptic Plasticity in Schizophrenia through Development: An Integrative Model for Diverse Clinical Features. <i>Trends in Cognitive Sciences</i> , 2017, 21, 760-778.	7.8	110
147	Postnatal Development of Prefrontal Inhibitory Circuits and the Pathophysiology of Cognitive Dysfunction in Schizophrenia. <i>Annals of the New York Academy of Sciences</i> , 2004, 1021, 64-76.	3.8	109
148	Postnatal Developmental Trajectories of Neural Circuits in the Primate Prefrontal Cortex: Identifying Sensitive Periods for Vulnerability to Schizophrenia. <i>Schizophrenia Bulletin</i> , 2011, 37, 493-503.	4.3	109
149	The hierarchical development of monkey visual cortical regions as revealed by the maturation of parvalbumin-immunoreactive neurons. <i>Developmental Brain Research</i> , 1996, 96, 261-276.	1.7	107
150	Parvalbumin-Positive Basket Interneurons in Monkey and Rat Prefrontal Cortex. <i>Journal of Neurophysiology</i> , 2008, 100, 2348-2360.	1.8	104
151	Selective Loss of Smaller Spines in Schizophrenia. <i>American Journal of Psychiatry</i> , 2017, 174, 586-594.	7.2	103
152	Tritiated Imipramine Binding Distinguishes Among Subtypes of Depression. <i>Archives of General Psychiatry</i> , 1985, 42, 485.	12.3	102
153	Gene expression profiling with DNA microarrays: advancing our understanding of psychiatric disorders. <i>Neurochemical Research</i> , 2002, 27, 1049-1063.	3.3	102
154	Distinct Physiological Maturation of Parvalbumin-Positive Neuron Subtypes in Mouse Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2017, 37, 4883-4902.	3.6	102
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