Eric J Nestler

List of Publications by Year
in descending order

436	89,597	231	319
papers	citations	141 h-index	283 g-index

619	619	619	43928
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chronic Antidepressant Treatment Increases Neurogenesis in Adult Rat Hippocampus. Journal of Neuroscience, 2000, 20, 9104-9110.	3.7	2,848
2	Neurobiology of Depression. Neuron, 2002, 34, 13-25.	7.9	2,726
3	NEURAL MECHANISMS OF ADDICTION: The Role of Reward-Related Learning and Memory. Annual Review of Neuroscience, 2006, 29, 565-598.	10.6	2,537
4	The molecular neurobiology of depression. Nature, 2008, 455, 894-902.	35.3	2,408
5	Molecular Adaptations Underlying Susceptibility and Resistance to Social Defeat in Brain Reward Regions. Cell, 2007, 131, 391-404.	27.3	2,005
6	Essential Role of BDNF in the Mesolimbic Dopamine Pathway in Social Defeat Stress. Science, 2006, 311, 864-868.	19.6	1,919
7	Animal models of neuropsychiatric disorders. Nature Neuroscience, 2010, 13, 1161-1169.	14.3	1,811
8	The Mesolimbic Dopamine Reward Circuit in Depression. Biological Psychiatry, 2006, 59, 1151-1159.	1.3	1,783
9	Molecular basis of long-term plasticity underlying addiction. Nature Reviews Neuroscience, 2001, 2, 119-128.	10.5	1,642
10	Sustained hippocampal chromatin regulation in a mouse model of depression and antidepressant action. Nature Neuroscience, 2006, 9, 519-525.	14.3	1,612
11	The brain reward circuitry in mood disorders. Nature Reviews Neuroscience, 2013, 14, 609-625.	10.5	1,479
12	New approaches to antidepressant drug discovery: beyond monoamines. Nature Reviews Neuroscience, 2006, 7, 137-151.	10.5	1,343
13	Epigenetic regulation in psychiatric disorders. Nature Reviews Neuroscience, 2007, 8, 355-367.	10.5	1,255
14	Is there a common molecular pathway for addiction?. Nature Neuroscience, 2005, 8, 1445-1449.	14.3	1,221
15	The many faces of CREB. Trends in Neurosciences, 2005, 28, 436-445.	8.7	1,199
16	Psychobiology and molecular genetics of resilience. Nature Reviews Neuroscience, 2009, 10, 446-457.	10.5	1,088
17	Rapid regulation of depression-related behaviours by control of midbrain dopamine neurons. Nature, 2013, 493, 532-536.	35.3	998
18	Neurobiology of resilience. Nature Neuroscience, 2012, 15, 1475-1484.	14.3	967

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19	Transcriptional and epigenetic mechanisms of addiction. Nature Reviews Neuroscience, 2011, 12, 623-637.	10.5	870
20	ngs.plot: Quick mining and visualization of next-generation sequencing data by integrating genomic databases. BMC Genomics, 2014, 15, 284.	2.9	799
21	Mania-like behavior induced by disruption of CLOCK. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 6406-6411.	7.4	732
22	Chromatin Remodeling Is a Key Mechanism Underlying Cocaine-Induced Plasticity in Striatum. Neuron, 2005, 48, 303-314.	7.9	698
23	Essential role of brain-derived neurotrophic factor in adult hippocampal function. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10827-10832.	7.4	606
24	Expression of the transcription factor Î”FosB in the brain controls sensitivity to cocaine. Nature, 1999, 401, 272-276.	35.3	594
25	Sex-specific transcriptional signatures in human depression. Nature Medicine, 2017, 23, 1102-1111.	29.5	576
26	The addicted synapse: mechanisms of synaptic and structural plasticity in nucleus accumbens. Trends in Neurosciences, 2010, 33, 267-276.	8.7	575
27	Regulation of gene expression and cocaine reward by CREB and Î”FosB. Nature Neuroscience, 2003, 6, 1208-1215.	14.3	566
28	Histone Deacetylase 5 Epigenetically Controls Behavioral Adaptations to Chronic Emotional Stimuli. Neuron, 2007, 56, 517-529.	7.9	565
29	Linking Molecules to Mood: New Insight Into the Biology of Depression. American Journal of Psychiatry, 2010, 167, 1305-1320.	8.4	562
30	Dnmt3a regulates emotional behavior and spine plasticity in the nucleus accumbens. Nature Neuroscience, 2010, 13, 1137-1143.	14.3	561
31	Antidepressant Effect of Optogenetic Stimulation of the Medial Prefrontal Cortex. Journal of Neuroscience, 2010, 30, 16082-16090.	3.7	557
32	Molecular mechanisms of drug addiction. Neuropharmacology, 2004, 47, 24-32.	4.1	555
33	The orexigenic hormone ghrelin defends against depressive symptoms of chronic stress. Nature Neuroscience, 2008, 11, 752-753.	14.3	549
34	Antidepressant Actions of Histone Deacetylase Inhibitors. Journal of Neuroscience, 2009, 29, 11451-11460.	3.7	543
35	Induction of a long-lasting AP-1 complex composed of altered Fos-like proteins in brain by chronic cocaine and other chronic treatments. Neuron, 1994, 13, 1235-1244.	7.9	541
36	Preclinical models: status of basic research in depression. Biological Psychiatry, 2002, 52, 503-528.	1.3	502

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37	A general role for adaptations in G-proteins and the cyclic AMP system in mediating the chronic actions of morphine and cocaine on neuronal function. Brain Research, 1991, 548, 100-110.	2.3	490
38	Protein phosphorylation in the brain. Nature, 1983, 305, 583-588.	35.3	481
39	Decoding the Epigenetic Language of Neuronal Plasticity. Neuron, 2008, 60, 961-974.	7.9	472
40	Altered Responsiveness to Cocaine and Increased Immobility in the Forced Swim Test Associated with Elevated cAMP Response Element-Binding Protein Expression in Nucleus Accumbens. Journal of Neuroscience, 2001, 21, 7397-7403.	3.7	468
41	Brain-Derived Neurotrophic Factor Conditional Knockouts Show Gender Differences in Depression-Related Behaviors. Biological Psychiatry, 2007, 61, 187-197.	1.3	463
42	Regulation of dopaminergic transmission and cocaine reward by the Clock gene. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 9377-9381.	7.4	460
43	CREB activity in the nucleus accumbens shell controls gating of behavioral responses to emotional stimuli. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 11435-11440.	7.4	453
44	Homeostatic and Hedonic Signals Interact in the Regulation of Food Intake. Journal of Nutrition, 2009, 139, 629-632.	2.7	445
45	Effects of chronic exposure to cocaine are regulated by the neuronal protein Cdk5. Nature, 2001, 410, 376-380.	35.3	444
46	Î”FosB in brain reward circuits mediates resilience to stress and antidepressant responses. Nature Neuroscience, 2010, 13, 745-752.	14.3	437
47	Animal Models of Depression: Molecular Perspectives. Current Topics in Behavioral Neurosciences, 2011, 7, 121-147.	0.0	415
48	Histone Modifications at Gene Promoter Regions in Rat Hippocampus after Acute and Chronic Electroconvulsive Seizures. Journal of Neuroscience, 2004, 24, 5603-5610.	3.7	400
49	Historical review: Molecular and cellular mechanisms of opiate and cocaine addiction. Trends in Pharmacological Sciences, 2004, 25, 210-218.	8.4	378
50	Brain-derived neurotrophic factor in the ventral midbrainâ€“nucleus accumbens pathway: a role in depression. Biological Psychiatry, 2003, 54, 994-1005.	1.3	377
51	Genome-wide Analysis of Chromatin Regulation by Cocaine Reveals a Role for Sirtuins. Neuron, 2009, 62, 335-348.	7.9	375
52	Ventral hippocampal afferents to the nucleus accumbens regulate susceptibility to depression. Nature Communications, 2015, 6, 7062.	12.8	374
53	diffReps: Detecting Differential Chromatin Modification Sites from ChIP-seq Data with Biological Replicates. PLoS ONE, 2013, 8, e65598.	2.5	370
54	Enhancement of Locomotor Activity and Conditioned Reward to Cocaine by Brain-Derived Neurotrophic Factor. Journal of Neuroscience, 1999, 19, 4110-4122.	3.7	358

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55	Epigenetics of the Depressed Brain: Role of Histone Acetylation and Methylation. Neuropsychopharmacology, 2013, 38, 124-137.	5.5	353
56	Î”FosB: a molecular switch for long-term adaptation in the brain. Molecular Brain Research, 2004, 132, 146-154.	2.4	350
57	Epigenetic mechanisms in drug addiction. Trends in Molecular Medicine, 2008, 14, 341-350.	7.0	349
58	Mesolimbic Dopamine Neurons in the Brain Reward Circuit Mediate Susceptibility to Social Defeat and Antidepressant Action. Journal of Neuroscience, 2010, 30, 16453-16458.	3.7	348
59	Epigenetic mechanisms of drug addiction. Neuropharmacology, 2014, 76, 259-268.	4.1	345
60	Treatment resistant depression: A multi-scale, systems biology approach. Neuroscience and Biobehavioral Reviews, 2018, 84, 272-288.	6.5	340
61	Common Molecular and Cellular Substrates of Addiction and Memory. Neurobiology of Learning and Memory, 2002, 78, 637-647.	2.0	339
62	Transcriptional mechanisms of addiction: role of Î”FosB. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 3245-3255.	4.1	337
63	The Hypothalamic Neuropeptide Melanin-Concentrating Hormone Acts in the Nucleus Accumbens to Modulate Feeding Behavior and Forced-Swim Performance. Journal of Neuroscience, 2005, 25, 2933-2940.	3.7	332
64	Sex Differences in Nucleus Accumbens Transcriptome Profiles Associated with Susceptibility versus Resilience to Subchronic Variable Stress. Journal of Neuroscience, 2015, 35, 16362-16376.	3.7	324
65	CREB regulation of nucleus accumbens excitability mediates social isolationâ€“induced behavioral deficits. Nature Neuroscience, 2009, 12, 200-209.	14.3	321
66	The Striatal Balancing Act in Drug Addiction: Distinct Roles of Direct and Indirect Pathway Medium Spiny Neurons. Frontiers in Neuroanatomy, 2011, 5, 41.	1.7	311
67	Sensitization to Morphine Induced by Viral-Mediated Gene Transfer. Science, 1997, 277, 812-815.	19.6	310
68	Increased vulnerability to cocaine in mice lacking the serotonin-1B receptor. Nature, 1998, 393, 175-178.	35.3	309
69	CREB modulates excitability of nucleus accumbens neurons. Nature Neuroscience, 2006, 9, 475-477.	14.3	306
70	Paternal Transmission of Stress-Induced Pathologies. Biological Psychiatry, 2011, 70, 408-414.	1.3	304
71	Molecular Neurobiology of Drug Addiction. Annual Review of Medicine, 2004, 55, 113-132.	11.9	298
72	Neurotrophic factors and structural plasticity in addiction. Neuropharmacology, 2009, 56, 73-82.	4.1	298

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73	Induction of ÂFosB in Reward-Related Brain Structures after Chronic Stress. Journal of Neuroscience, 2004, 24, 10594-10602.	3.7	294
74	Epigenetic mechanisms of chronic pain. Trends in Neurosciences, 2015, 38, 237-246.	8.7	292
75	Circuit-wide Transcriptional Profiling Reveals Brain Region-Specific Gene Networks Regulating Depression Susceptibility. Neuron, 2016, 90, 969-983.	7.9	292
76	Inhibition of cAMP Response Element-Binding Protein or Dynorphin in the Nucleus Accumbens Produces an Antidepressant-Like Effect. Journal of Neuroscience, 2002, 22, 10883-10890.	3.7	287
77	Dopaminergic dynamics underlying sex-specific cocaine reward. Nature Communications, 2017, 8, 13877.	12.8	285
78	In vivo imaging identifies temporal signature of D1 and D2 medium spiny neurons in cocaine reward. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2726-2731.	7.4	280
79	Critical Role of Histone Turnover in Neuronal Transcription and Plasticity. Neuron, 2015, 87, 77-94.	7.9	268
80	Maturation of silent synapses in amygdala-accumbens projection contributes to incubation of cocaine craving. Nature Neuroscience, 2013, 16, 1644-1651.	14.3	265
81	Prefrontal Cortical Circuit for Depression- and Anxiety-Related Behaviors Mediated by Cholecystokinin: Role of Î”FosB. Journal of Neuroscience, 2014, 34, 3878-3887.	3.7	265
82	Imipramine Treatment and Resiliency Exhibit Similar Chromatin Regulation in the Mouse Nucleus Accumbens in Depression Models. Journal of Neuroscience, 2009, 29, 7820-7832.	3.7	261
83	HDAC2 regulates atypical antipsychotic responses through the modulation of mGlu2 promoter activity. Nature Neuroscience, 2012, 15, 1245-1254.	14.3	256
84	Cocaine Regulates MEF2 to Control Synaptic and Behavioral Plasticity. Neuron, 2008, 59, 621-633.	7.9	249
85	A Role for Repressive Histone Methylation in Cocaine-Induced Vulnerability to Stress. Neuron, 2011, 71, 656-670.	7.9	248
86	Epigenetic Basis of Mental Illness. Neuroscientist, 2016, 22, 447-463.	5.0	247
87	Î²-catenin mediates stress resilience through Dicer1/microRNA regulation. Nature, 2014, 516, 51-55.	35.3	246
88	An essential role for Î”FosB in the nucleus accumbens in morphine action. Nature Neuroscience, 2006, 9, 205-211.	14.3	242
89	The Molecular Basis of Drug Addiction: Linking Epigenetic to Synaptic and Circuit Mechanisms. Neuron, 2019, 102, 48-59.	7.9	241
90	Epigenetic Mechanisms of Depression and Antidepressant Action. Annual Review of Pharmacology and Toxicology, 2013, 53, 59-87.	9.3	240

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91	Nuclear Factor ÎºB Signaling Regulates Neuronal Morphology and Cocaine Reward. Journal of Neuroscience, 2009, 29, 3529-3537.	3.7	232
92	Î”FosB Mediates Epigenetic Desensitization of the c-fosGene After Chronic Amphetamine Exposure. Journal of Neuroscience, 2008, 28, 7344-7349.	3.7	226
93	Î”FosB Induction in Striatal Medium Spiny Neuron Subtypes in Response to Chronic Pharmacological, Emotional, and Optogenetic Stimuli. Journal of Neuroscience, 2013, 33, 18381-18395.	3.7	224
94	Granulocyte-colony stimulating factor controls neural and behavioral plasticity in response to cocaine. Nature Communications, 2018, 9, 9.	12.8	222
95	Rapid Communication Chronic Ingestion of Ethanol Upâ€Regulates NMDAR1 Receptor Subunit Immunoreactivity in Rat Hippocampus. Journal of Neurochemistry, 1994, 62, 1635-1638.	4.0	220
96	Alterations of the Host Microbiome Affect Behavioral Responses to Cocaine. Scientific Reports, 2016, 6, 35455.	3.4	217
97	Cellular basis of memory for addiction. Dialogues in Clinical Neuroscience, 2013, 15, 431-443.	4.3	216
98	Î”FosB: a molecular mediator of long-term neural and behavioral plasticity1Published on the World Wide Web on 27 November 1998.1. Brain Research, 1999, 835, 10-17.	2.3	213
99	Orexin Signaling Mediates the Antidepressant-Like Effect of Calorie Restriction. Journal of Neuroscience, 2008, 28, 3071-3075.	3.7	213
100	Î”FosBRegulates Wheel Running. Journal of Neuroscience, 2002, 22, 8133-8138.	3.7	210
101	Morphine and Cocaine Exert Common Chronic Actions on Tyrosine Hydroxylase in Dopaminergic Brain Reward Regions. Journal of Neurochemistry, 1991, 57, 344-347.	4.0	203
102	Regulation of G proteins by chronic morphine in the rat locus coeruleus. Brain Research, 1989, 476, 230-239.	2.3	202
103	Locus-specific epigenetic remodeling controls addiction- and depression-related behaviors. Nature Neuroscience, 2014, 17, 1720-1727.	14.3	201
104	Striatal Cell Type-Specific Overexpression of Î”FosB Enhances Incentive for Cocaine. Journal of Neuroscience, 2003, 23, 2488-2493.	3.7	197
105	Neurobiology of Resilience: Interface Between Mind and Body. Biological Psychiatry, 2019, 86, 410-420.	1.3	193
106	Regional and Cellular Mapping of cAMP Response Element-Mediated Transcription during Naltrexone-Precipitated Morphine Withdrawal. Journal of Neuroscience, 2002, 22, 3663-3672.	3.7	191
107	IRS2-Akt pathway in midbrain dopamine neurons regulates behavioral and cellular responses to opiates. Nature Neuroscience, 2007, 10, 93-99.	14.3	189
108	Regulation of Cyclic AMP Response Element-Binding Protein (CREB) Phosphorylation by Acute and Chronic Morphine in the Rat Locus Coeruleus. Journal of Neurochemistry, 1992, 58, 1168-1171.	4.0	187

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109	Stress and CRF gate neural activation of BDNF in the mesolimbic reward pathway. Nature Neuroscience, 2014, 17, 27-29.	14.3	186
110	Establishment of a repeated social defeat stress model in female mice. Scientific Reports, 2017, 7, 12838.	3.4	185
111	Neurobiological Sequelae of Witnessing Stressful Events in Adult Mice. Biological Psychiatry, 2013, 73, 7-14.	1.3	183
112	Machine Learning to Predict Mortality and Critical Events in a Cohort of Patients With COVID-19 in New York City: Model Development and Validation. Journal of Medical Internet Research, 2020, 22, e24018.	4.4	183
113	Cocaine dynamically regulates heterochromatin and repetitive element unsilencing in nucleus accumbens. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 3035-3040.	7.4	181
114	Behavioral and Structural Responses to Chronic Cocaine Require a Feedforward Loop Involving Î”FosB and Calcium/Calmodulin-Dependent Protein Kinase II in the Nucleus Accumbens Shell. Journal of Neuroscience, 2013, 33, 4295-4307.	3.7	175
115	Essential Role of Mesolimbic Brain-Derived Neurotrophic Factor in Chronic Social Stressâ€“Induced Depressive Behaviors. Biological Psychiatry, 2016, 80, 469-478.	1.3	175
116	Induction of the c-fos proto-oncogene during opiate withdrawal in the locus coeruleus and other regions of rat brain. Brain Research, 1990, 525, 256-266.	2.3	174
117	Regulation of Drug Reward by cAMP Response Element-Binding Protein: Evidence for Two Functionally Distinct Subregions of the Ventral Tegmental Area. Journal of Neuroscience, 2005, 25, 5553-5562.	3.7	172
118	âˆ†FosB differentially modulates nucleus accumbens direct and indirect pathway function. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1923-1928.	7.4	170
119	Rac1 is essential in cocaine-induced structural plasticity of nucleus accumbens neurons. Nature Neuroscience, 2012, 15, 891-896.	14.3	166
120	Neurotrophic Mechanisms in Drug Addiction. NeuroMolecular Medicine, 2004, 5, 069-084.	3.3	165
121	A Silent Synapse-Based Mechanism for Cocaine-Induced Locomotor Sensitization. Journal of Neuroscience, 2011, 31, 8163-8174.	3.7	163
122	Epigenetic Mechanisms of Opioid Addiction. Biological Psychiatry, 2020, 87, 22-33.	1.3	163
123	Chronic cocaine-regulated epigenomic changes in mouse nucleus accumbens. Genome Biology, 2014, 15, R65.	9.1	161
124	Role of Tet1 and 5-hydroxymethylcytosine in cocaine action. Nature Neuroscience, 2015, 18, 536-544.	14.3	161
125	DNA methyltransferase DNMT3a contributes to neuropathic pain by repressing Kcna2 in primary afferent neurons. Nature Communications, 2017, 8, 14712.	12.8	161
126	Hippocampal-dependent antidepressant-like activity of histone deacetylase inhibition. Neuroscience Letters, 2011, 493, 122-126.	2.1	160

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127	âˆ†FosB: A transcriptional regulator of stress and antidepressant responses. European Journal of Pharmacology, 2015, 753, 66-72.	3.5	159
128	Î”FosB accumulates in a GABAergic cell population in the posterior tail of the ventral tegmental area after psychostimulant treatment. European Journal of Neuroscience, 2005, 21, 2817-2824.	3.5	158
129	AKT Signaling within the Ventral Tegmental Area Regulates Cellular and Behavioral Responses to Stressful Stimuli. Biological Psychiatry, 2008, 64, 691-700.	1.3	158
130	Opposing mechanisms mediate morphine- and cocaine-induced generation of silent synapses. Nature Neuroscience, 2016, 19, 915-925.	14.3	157
131	Epigenetic Mechanisms of Depression. JAMA Psychiatry, 2014, 71, 454.	11.2	156
132	Environmental Enrichment Produces a Behavioral Phenotype Mediated by Low Cyclic Adenosine Monophosphate Response Element Binding (CREB) Activity in the Nucleus Accumbens. Biological Psychiatry, 2010, 67, 28-35.	1.3	155
133	Total Recall--the Memory of Addiction. Science, 2001, 292, 2266-2267.	19.6	155
134	MicroRNAs 146a/b-5 and 425-3p and 24-3p are markers of antidepressant response and regulate MAPK/Wnt-system genes. Nature Communications, 2017, 8, 15497.	12.8	154
135	Regulation of Gene Expression by Chronic Morphine and Morphine Withdrawal in the Locus Ceruleus and Ventral Tegmental Area. Journal of Neuroscience, 2005, 25, 6005-6015.	3.7	152
136	A Novel Role of the WNT-Dishevelled-GSK3Â Signaling Cascade in the Mouse Nucleus Accumbens in a Social Defeat Model of Depression. Journal of Neuroscience, 2011, 31, 9084-9092.	3.7	151
137	Early life stress alters transcriptomic patterning across reward circuitry in male and female mice. Nature Communications, 2019, 10, 5098.	12.8	150
138	Epigenetic signaling in psychiatric disorders: stress and depression. Dialogues in Clinical Neuroscience, 2014, 16, 281-295.	4.3	149
139	Brain-wide Electrical Spatiotemporal Dynamics Encode Depression Vulnerability. Cell, 2018, 173, 166-180.e14.	27.3	148
140	Neural Substrates of Depression and Resilience. Neurotherapeutics, 2017, 14, 677-686.	4.6	147
141	Regulation of anxiety and initiation of sexual behavior by CREB in the nucleus accumbens. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 8357-8362.	7.4	146
142	Class I HDAC inhibition blocks cocaine-induced plasticity by targeted changes in histone methylation. Nature Neuroscience, 2013, 16, 434-440.	14.3	146
143	Effects of Striatal Î”FosB Overexpression and Ketamine on Social Defeat Stressâ€“Induced Anhedonia in Mice. Biological Psychiatry, 2014, 76, 550-558.	1.3	146
144	Role for GDNF in Biochemical and Behavioral Adaptations to Drugs of Abuse. Neuron, 2000, 26, 247-257.	7.9	145

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145	The Influence of Î”FosB in the Nucleus Accumbens on Natural Reward-Related Behavior. Journal of Neuroscience, 2008, 28, 10272-10277.	3.7	145
146	Cocaine Self-administration Alters Transcriptome-wide Responses in the Brainâ€™s Reward Circuitry. Biological Psychiatry, 2018, 84, 867-880.	1.3	144
147	Dopaminergic brain reward regions of Lewis and Fischer rats display different levels of tyrosine hydroxylase and other morphine- and cocaine-regulated phosphoproteins. Brain Research, 1991, 561, 147-150.	2.3	143
148	Molecular control of locus coeruleus neurotransmission. Biological Psychiatry, 1999, 46, 1131-1139.	1.3	142
149	Neuroanatomic Differences Associated With Stress Susceptibility and Resilience. Biological Psychiatry, 2016, 79, 840-849.	1.3	140
150	Role of DNA Methylation in the Nucleus Accumbens in Incubation of Cocaine Craving. Journal of Neuroscience, 2015, 35, 8042-8058.	3.7	139
151	Epigenetic Signaling in Psychiatric Disorders. Journal of Molecular Biology, 2014, 426, 3389-3412.	4.2	137
152	Enduring Deficits in Brain Reward Function after Chronic Social Defeat in Rats: Susceptibility, Resilience, and Antidepressant Response. Biological Psychiatry, 2014, 76, 542-549.	1.3	135
153	Behavioral sensitization to cocaine: modulation by the cyclic AMP system in the nucleus accumbens. Brain Research, 1995, 674, 299-306.	2.3	133
154	The neural rejuvenation hypothesis of cocaine addiction. Trends in Pharmacological Sciences, 2014, 35, 374-383.	8.4	132
155	SIRT1 Mediates Depression-Like Behaviors in the Nucleus Accumbens. Journal of Neuroscience, 2016, 36, 8441-8452.	3.7	131
156	Transcriptional Mechanisms of Drug Addiction. Clinical Psychopharmacology and Neuroscience, 2012, 10, 136-143.	2.0	131
157	Role for mTOR Signaling and Neuronal Activity in Morphine-Induced Adaptations in Ventral Tegmental Area Dopamine Neurons. Neuron, 2011, 72, 977-990.	7.9	128
158	Ketamine and Imipramine Reverse Transcriptional Signatures of Susceptibility and Induce Resilience-Specific Gene Expression Profiles. Biological Psychiatry, 2017, 81, 285-295.	1.3	126
159	Coordinate Regulation of the Cyclic AMP System with Firing Rate and Expression of Tyrosine Hydroxylase in the Rat Locus Coeruleus: Effects of Chronic Stress and Drug Treatments. Journal of Neurochemistry, 1992, 58, 494-502.	4.0	125
160	Î”FosB Induction in Orbitofrontal Cortex Mediates Tolerance to Cocaine-Induced Cognitive Dysfunction. Journal of Neuroscience, 2007, 27, 10497-10507.	3.7	125
161	Induction of nuclear factor-Î²B in nucleus accumbens by chronic cocaine administration. Journal of Neurochemistry, 2008, 79, 221-224.	4.0	124
162	Induction of Î”FosB in the Periaqueductal Gray by Stress Promotes Active Coping Responses. Neuron, 2007, 55, 289-300.	7.9	121

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163	Morphine Epigenomically Regulates Behavior through Alterations in Histone H3 Lysine 9 Dimethylation in the Nucleus Accumbens. Journal of Neuroscience, 2012, 32, 17454-17464.	3.7	121
164	Incubation of Methamphetamine Craving Is Associated with Selective Increases in Expression ofBdnfandTrkb, Glutamate Receptors, and Epigenetic Enzymes in Cue-Activated Fos-Expressing Dorsal Striatal Neurons. Journal of Neuroscience, 2015, 35, 8232-8244.	3.7	121
165	Role of Nuclear Factor ÎºB in Ovarian Hormone-Mediated Stress Hypersensitivity in Female Mice. Biological Psychiatry, 2009, 65, 874-880.	1.3	120
166	Chronic Electroconvulsive Seizures Down?Regulate Expression of the Immediate-Early Genes c-fos and c-jun in Rat Cerebral Cortex. Journal of Neurochemistry, 1990, 54, 1920-1925.	4.0	119
167	Essential Role of thefosB Gene in Molecular, Cellular, and Behavioral Actions of Chronic Electroconvulsive Seizures. Journal of Neuroscience, 1998, 18, 6952-6962.	3.7	117
168	Essential Role of SIRT1 Signaling in the Nucleus Accumbens in Cocaine and Morphine Action. Journal of Neuroscience, 2013, 33, 16088-16098.	3.7	117
169	The critical importance of basic animal research for neuropsychiatric disorders. Neuropsychopharmacology, 2019, 44, 1349-1353.	5.5	116
170	Sex-Specific Role for the Long Non-coding RNA LINC00473 in Depression. Neuron, 2020, 106, 912-926.e5.	7.9	116
171	DCC Confers Susceptibility to Depression-like Behaviors in Humans and Mice and Is Regulated by miR-218. Biological Psychiatry, 2017, 81, 306-315.	1.3	115
172	Proenkephalin Mediates the Enduring Effects of Adolescent Cannabis Exposure Associated with Adult Opiate Vulnerability. Biological Psychiatry, 2012, 72, 803-810.	1.3	114
173	In Vivo Fiber Photometry Reveals Signature of Future Stress Susceptibility in Nucleus Accumbens. Neuropsychopharmacology, 2018, 43, 255-263.	5.5	113
174	Differential Regulation of Neurotrophin andtrkReceptor mRNAs in Catecholaminergic Nuclei during Chronic Opiate Treatment and Withdrawal. Journal of Neuroscience, 1998, 18, 10700-10708.	3.7	111
175	Loss of BDNF Signaling in D1R-Expressing NAc Neurons Enhances Morphine Reward by Reducing GABA Inhibition. Neuropsychopharmacology, 2014, 39, 2646-2653.	5.5	111
176	Elevated basal firing rates and enhanced responses to 8-Br-cAMP in locus coeruleus neurons in brain slices from opiate-dependent rats. European Journal of Pharmacology, 1992, 211, 47-53.	3.5	109
177	Role of cAMP Response Element-Binding Protein in the Rat Locus Ceruleus: Regulation of Neuronal Activity and Opiate Withdrawal Behaviors. Journal of Neuroscience, 2006, 26, 4624-4629.	3.7	109
178	Overexpression of CREB in the Nucleus Accumbens Shell Increases Cocaine Reinforcement in Self-Administering Rats. Journal of Neuroscience, 2011, 31, 16447-16457.	3.7	109
179	Induction of Cyclin-Dependent Kinase 5 in the Hippocampus by Chronic Electroconvulsive Seizures: Role of Î”FosB. Journal of Neuroscience, 2000, 20, 8965-8971.	3.7	107
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