

Eric J Nestler

List of Publications by Year in descending order

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436
papers

89,597
citations

231

141
h-index

319

283
g-index

619
all docs

619
docs citations

619
times ranked

43928
citing authors

#	ARTICLE	IF	CITATIONS
1	Advancing preclinical chronic stress models to promote therapeutic discovery for human stress disorders. <i>Neuropsychopharmacology</i> , 2024, 49, 215-226.	5.5	6
2	DeepRegFinder: deep learning-based regulatory elements finder. <i>Bioinformatics Advances</i> , 2024, 4, .	2.3	0
3	Circulating myeloid-derived MMP8 in stress susceptibility and depression. <i>Nature</i> , 2024, 626, 1108-1115.	35.3	13
4	tRNA epitranscriptomic alterations associated with opioid-induced reward-seeking and long-term opioid withdrawal in male mice. <i>Neuropsychopharmacology</i> , 2024, 49, 1276-1284.	5.5	0
5	A guide to science communication training for doctoral students. <i>Nature Neuroscience</i> , 2024, 27, 1211-1213.	14.3	0
6	Mono-methylation of lysine 27 at histone 3 confers lifelong susceptibility to stress. <i>Neuron</i> , 2024, , .	7.9	0
7	Cell Type-Specific Whole-Genome Landscape of β -FOSB Binding in the Nucleus Accumbens After Chronic Cocaine Exposure. <i>Biological Psychiatry</i> , 2023, 94, 367-377.	1.3	22
8	Integrating genetics and transcriptomics to study major depressive disorder: a conceptual framework, bioinformatic approaches, and recent findings. <i>Translational Psychiatry</i> , 2023, 13, .	4.9	5
9	Oxycodone withdrawal induces HDAC1/HDAC2-dependent transcriptional maladaptations in the reward pathway in a mouse model of peripheral nerve injury. <i>Nature Neuroscience</i> , 2023, 26, 1229-1244.	14.3	8
10	Transcriptional signatures of heroin intake and relapse throughout the brain reward circuitry in male mice. <i>Science Advances</i> , 2023, 9, .	10.7	15
11	Cell-Type-Specific Neuroproteomics of Synapses. <i>Biomolecules</i> , 2023, 13, 998.	4.1	2
12	Transcriptional dissection of symptomatic profiles across the brain of men and women with depression. <i>Nature Communications</i> , 2023, 14, .	12.8	5
13	The neurobiology of stress: Vulnerability, resilience, and major depression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	7.4	13
14	Sex-Specific Transcriptional Changes in Response to Adolescent Social Stress in the Brain's Reward Circuitry. <i>Biological Psychiatry</i> , 2022, 91, 118-128.	1.3	40
15	Sex-Specific Role for SLIT1 in Regulating Stress Susceptibility. <i>Biological Psychiatry</i> , 2022, 91, 81-91.	1.3	17
16	Chronic Intermittent Hypoxia Enhances Pathological Tau Seeding, Propagation, and Accumulation and Exacerbates Alzheimer-like Memory and Synaptic Plasticity Deficits and Molecular Signatures. <i>Biological Psychiatry</i> , 2022, 91, 346-358.	1.3	31
17	Astrocytes in cocaine addiction and beyond. <i>Molecular Psychiatry</i> , 2022, 27, 652-668.	8.0	34
18	Key transcription factors mediating cocaine-induced plasticity in the nucleus accumbens. <i>Molecular Psychiatry</i> , 2022, 27, 687-709.	8.0	48

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19	Reply to: Multiple Comparisons and Inappropriate Statistical Testing Lead to Spurious Sex Differences in Gene Expression. <i>Biological Psychiatry</i> , 2022, 91, e3-e5.	1.3	2
20	Introduction to Special Issue: Insight Into Sex Differences in Neuropsychiatric Syndromes From Transcriptomic Analyses. <i>Biological Psychiatry</i> , 2022, 91, 3-5.	1.3	3
21	Whole blood transcriptional signatures associated with rapid antidepressant response to ketamine in patients with treatment resistant depression. <i>Translational Psychiatry</i> , 2022, 12, 12.	4.9	16
22	̂FOSB: A Potentially Druggable Master Orchestrator of Activity-Dependent Gene Expression. <i>ACS Chemical Neuroscience</i> , 2022, 13, 296-307.	3.6	24
23	Midbrain projection to the basolateral amygdala encodes anxiety-like but not depression-like behaviors. <i>Nature Communications</i> , 2022, 13, 1532.	12.8	73
24	Beyond the neuron: Role of non-neuronal cells in stress disorders. <i>Neuron</i> , 2022, 110, 1116-1138.	7.9	28
25	Teenage drinking and adult neuropsychiatric disorders: An epigenetic connection. <i>Science Advances</i> , 2022, 8, eabq5934.	10.7	4
26	A novel HDAC1/2 inhibitor alleviates physical and emotional symptoms associated with spontaneous oxycodone withdrawal in neuropathic pain mice. <i>FASEB Journal</i> , 2022, 36, .	0.4	0
27	Crystallin Mu in Medial Amygdala Mediates the Effect of Social Experience on Cocaine Seeking in Males but Not in Females. <i>Biological Psychiatry</i> , 2022, 92, 895-906.	1.3	8
28	Comparative Transcriptional Analyses in the Nucleus Accumbens Identifies RGS2 as a Key Mediator of Depression-Related Behavior. <i>Biological Psychiatry</i> , 2022, 92, 942-951.	1.3	9
29	Blood miR-144-3p: a novel diagnostic and therapeutic tool for depression. <i>Molecular Psychiatry</i> , 2022, 27, 4536-4549.	8.0	31
30	Distinct forms of regret linked to resilience versus susceptibility to stress are regulated by region-specific CREB function in mice. <i>Science Advances</i> , 2022, 8, .	10.7	13
31	The long noncoding RNA FEDORA is a cell type- and sex-specific regulator of depression. <i>Science Advances</i> , 2022, 8, .	10.7	20
32	Pushing the boundaries of behavioral analysis could aid psychiatric drug discovery. <i>PLoS Biology</i> , 2022, 20, e3001904.	5.3	6
33	Regulation of impulsive and aggressive behaviours by a novel lncRNA. <i>Molecular Psychiatry</i> , 2021, 26, 3751-3764.	8.0	26
34	Cocaine-related DNA methylation in caudate neurons alters 3D chromatin structure of the IRXA gene cluster. <i>Molecular Psychiatry</i> , 2021, 26, 3134-3151.	8.0	17
35	Cooperative synaptic and intrinsic plasticity in a disynaptic limbic circuit drive stress-induced anhedonia and passive coping in mice. <i>Molecular Psychiatry</i> , 2021, 26, 1860-1879.	8.0	44
36	Complement pathway changes at age 12 are associated with psychotic experiences at age 18 in a longitudinal population-based study: evidence for a role of stress. <i>Molecular Psychiatry</i> , 2021, 26, 524-533.	8.0	39

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37	Genetics of methamphetamine use disorder: A systematic review and meta-analyses of gene association studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 120, 48-74.	6.5	18
38	Computational Analysis of Multidimensional Behavioral Alterations After Chronic Social Defeat Stress. <i>Biological Psychiatry</i> , 2021, 89, 920-928.	1.3	15
39	miR-218 in Adolescence Predicts and Mediates Vulnerability to Stress. <i>Biological Psychiatry</i> , 2021, 89, 911-919.	1.3	25
40	Cocaine Triggers Astrocyte-Mediated Synaptogenesis. <i>Biological Psychiatry</i> , 2021, 89, 386-397.	1.3	60
41	Paternal transgenerational epigenetic mechanisms mediating stress phenotypes of offspring. <i>European Journal of Neuroscience</i> , 2021, 53, 271-280.	3.5	34
42	Long read, isoform aware sequencing of mouse nucleus accumbens after chronic cocaine treatment. <i>Scientific Reports</i> , 2021, 11, 6729.	3.4	3
43	Long-term behavioral and cell-type-specific molecular effects of early life stress are mediated by H3K79me2 dynamics in medium spiny neurons. <i>Nature Neuroscience</i> , 2021, 24, 667-676.	14.3	72
44	Integration of evidence across human and model organism studies: A meeting report. <i>Genes, Brain and Behavior</i> , 2021, 20, e12738.	2.1	14
45	Nucleus Accumbens Medium Spiny Neuron Subtypes Differentially Regulate Stress-Associated Alterations in Sleep Architecture. <i>Biological Psychiatry</i> , 2021, 89, 1138-1149.	1.3	26
46	Sperm Transcriptional State Associated with Paternal Transmission of Stress Phenotypes. <i>Journal of Neuroscience</i> , 2021, 41, 6202-6216.	3.7	17
47	Vitamin D deficiency exacerbates UV/endorphin and opioid addiction. <i>Science Advances</i> , 2021, 7, .	10.7	21
48	Ronald S. Duman (1954–2020): In Memoriam. <i>Biological Psychiatry</i> , 2021, 90, 72-73.	1.3	0
49	Methylation of the tyrosine hydroxylase gene is dysregulated by cocaine dependence in the human striatum. <i>iScience</i> , 2021, 24, 103169.	4.0	13
50	Gene-Targeted, CREB-Mediated Induction of FosB Controls Distinct Downstream Transcriptional Patterns Within D1 and D2 Medium Spiny Neurons. <i>Biological Psychiatry</i> , 2021, 90, 540-549.	1.3	20
51	The Resilient Phenotype Induced by Prophylactic Ketamine Exposure During Adolescence Is Mediated by the Ventral Tegmental Area–Nucleus Accumbens Pathway. <i>Biological Psychiatry</i> , 2021, 90, 482-493.	1.3	21
52	Drug-activated cells: From immediate early genes to neuronal ensembles in addiction. <i>Advances in Pharmacology</i> , 2021, 90, 173-216.	3.4	28
53	AMPA and NMDA Receptor Trafficking at Cocaine-Generated Synapses. <i>Journal of Neuroscience</i> , 2021, 41, 1996-2011.	3.7	15
54	Effects of the KCNQ channel opener ezogabine on functional connectivity of the ventral striatum and clinical symptoms in patients with major depressive disorder. <i>Molecular Psychiatry</i> , 2020, 25, 1323-1333.	8.0	47

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55	MiR-218: a molecular switch and potential biomarker of susceptibility to stress. <i>Molecular Psychiatry</i> , 2020, 25, 951-964.	8.0	55
56	Epigenetic Mechanisms of Opioid Addiction. <i>Biological Psychiatry</i> , 2020, 87, 22-33.	1.3	163
57	Molecular characterization of the resilient brain. , 2020, , 209-231.		1
58	Self-assembly of the bZIP transcription factor \hat{I} FosB. <i>Current Research in Structural Biology</i> , 2020, 2, 1-13.	2.2	3
59	Silent synapses dictate cocaine memory destabilization and reconsolidation. <i>Nature Neuroscience</i> , 2020, 23, 32-46.	14.3	70
60	In vivo locus-specific editing of the neuroepigenome. <i>Nature Reviews Neuroscience</i> , 2020, 21, 471-484.	10.5	50
61	Chronic stress and antidepressant treatment alter purine metabolism and beta oxidation within mouse brain and serum. <i>Scientific Reports</i> , 2020, 10, 18134.	3.4	30
62	Viral tools for neuroscience. <i>Nature Reviews Neuroscience</i> , 2020, 21, 669-681.	10.5	100
63	Chronic intermittent hypoxia enhances tau seeding and propagation and exacerbates Alzheimer's-like memory and synaptic plasticity deficits and molecular signatures. <i>Alzheimer's and Dementia</i> , 2020, 16, e045408.	0.7	1
64	Role of Long Noncoding RNA Gas5 in Cocaine Action. <i>Biological Psychiatry</i> , 2020, 88, 758-766.	1.3	25
65	Dopaminergic Regulation of Nucleus Accumbens Cholinergic Interneurons Demarcates Susceptibility to Cocaine Addiction. <i>Biological Psychiatry</i> , 2020, 88, 746-757.	1.3	33
66	Different adaptations of dopamine release in Nucleus Accumbens shell and core of individual alcohol drinking groups of mice. <i>Neuropharmacology</i> , 2020, 175, 108176.	4.1	9
67	The Netrin-1/DCC Guidance Cue Pathway as a Molecular Target in Depression: Translational Evidence. <i>Biological Psychiatry</i> , 2020, 88, 611-624.	1.3	44
68	Cocaine-regulated microRNA miR-124 controls poly (ADP-ribose) polymerase-1 expression in neuronal cells. <i>Scientific Reports</i> , 2020, 10, 11197.	3.4	31
69	Ronald S. Duman, Ph.D. (1954-2020). <i>Neuropsychopharmacology</i> , 2020, 45, 1078-1078.	5.5	1
70	Shared Transcriptional Signatures in Major Depressive Disorder and Mouse Chronic Stress Models. <i>Biological Psychiatry</i> , 2020, 88, 159-168.	1.3	79
71	Orexin signaling in GABAergic lateral habenula neurons modulates aggressive behavior in male mice. <i>Nature Neuroscience</i> , 2020, 23, 638-650.	14.3	101
72	Resilience to Stress and Resilience to Pain: Lessons from Molecular Neurobiology and Genetics. <i>Trends in Molecular Medicine</i> , 2020, 26, 924-935.	7.0	15

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73	Sex-Specific Role for the Long Non-coding RNA LINC00473 in Depression. <i>Neuron</i> , 2020, 106, 912-926.e5.	7.9	116
74	Machine Learning to Predict Mortality and Critical Events in a Cohort of Patients With COVID-19 in New York City: Model Development and Validation. <i>Journal of Medical Internet Research</i> , 2020, 22, e24018.	4.4	183
75	The Role of Deimination in Regenerative Reprogramming of Neurons. <i>Molecular Neurobiology</i> , 2019, 56, 2618-2639.	4.1	5
76	Stress resilience is promoted by a Zfp189-driven transcriptional network in prefrontal cortex. <i>Nature Neuroscience</i> , 2019, 22, 1413-1423.	14.3	87
77	Personal reflections on a mentor extraordinaire: Paul Greengard, Ph.D. (1925–2019). <i>Neuropsychopharmacology</i> , 2019, 44, 1837-1838.	5.5	2
78	Multidimensional Predictors of Susceptibility and Resilience to Social Defeat Stress. <i>Biological Psychiatry</i> , 2019, 86, 483-491.	1.3	69
79	Exercise Modalities Improve Aversive Memory and Survival Rate in Aged Rats: Role of Hippocampal Epigenetic Modifications. <i>Molecular Neurobiology</i> , 2019, 56, 8408-8419.	4.1	24
80	Epigenetics and addiction. <i>Current Opinion in Neurobiology</i> , 2019, 59, 128-136.	4.2	89
81	Early life stress alters transcriptomic patterning across reward circuitry in male and female mice. <i>Nature Communications</i> , 2019, 10, 5098.	12.8	150
82	Knockdown of the histone di-methyltransferase G9a in nucleus accumbens shell decreases cocaine self-administration, stress-induced reinstatement, and anxiety. <i>Neuropsychopharmacology</i> , 2019, 44, 1370-1376.	5.5	29
83	Biology and Bias in Cell Type-Specific RNAseq of Nucleus Accumbens Medium Spiny Neurons. <i>Scientific Reports</i> , 2019, 9, 8350.	3.4	31
84	Paul Greengard (1925–2019). <i>Cell</i> , 2019, 177, 1365-1366.	27.3	2
85	Role of Mesolimbic Brain-Derived Neurotrophic Factor in Depression. <i>Biological Psychiatry</i> , 2019, 86, 738-748.	1.3	87
86	The critical importance of basic animal research for neuropsychiatric disorders. <i>Neuropsychopharmacology</i> , 2019, 44, 1349-1353.	5.5	116
87	Synaptic Microtubule-Associated Protein EB3 and SRC Phosphorylation Mediate Structural and Behavioral Adaptations During Withdrawal From Cocaine Self-Administration. <i>Journal of Neuroscience</i> , 2019, 39, 5634-5646.	3.7	31
88	Neurobiology of Resilience: Interface Between Mind and Body. <i>Biological Psychiatry</i> , 2019, 86, 410-420.	1.3	193
89	Viral labeling of neurons synaptically connected to nucleus accumbens somatostatin interneurons. <i>PLoS ONE</i> , 2019, 14, e0213476.	2.5	14
90	Environmental Programming of Susceptibility and Resilience to Stress in Adulthood in Male Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 40.	2.1	84

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91	Long-Term Behavioral Effects of Post-weaning Social Isolation in Males and Females. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 66.	2.1	100
92	Gadd45b mediates depressive-like role through DNA demethylation. <i>Scientific Reports</i> , 2019, 9, 4615.	3.4	43
93	The Molecular Basis of Drug Addiction: Linking Epigenetic to Synaptic and Circuit Mechanisms. <i>Neuron</i> , 2019, 102, 48-59.	7.9	241
94	Molecular, Cellular, and Circuit Basis of Depression Susceptibility and Resilience. , 2019, , 123-136.		9
95	Cognition and Related Neural Findings on Methamphetamine Use Disorder: Insights and Treatment Implications From Schizophrenia Research. <i>Frontiers in Psychiatry</i> , 2019, 10, 880.	2.7	30
96	Î±1- and Î²3-Adrenergic Receptor-Mediated Mesolimbic Homeostatic Plasticity Confers Resilience to Social Stress in Susceptible Mice. <i>Biological Psychiatry</i> , 2019, 85, 226-236.	1.3	62
97	A novel role for E2F3b in regulating cocaine action in the prefrontal cortex. <i>Neuropsychopharmacology</i> , 2019, 44, 776-784.	5.5	13
98	VGF and its C-terminal peptide TLQP-62 in ventromedial prefrontal cortex regulate depression-related behaviors and the response to ketamine. <i>Neuropsychopharmacology</i> , 2019, 44, 971-981.	5.5	33
99	<i>Fosb</i> Induction in Nucleus Accumbens by Cocaine Is Regulated by E2F3a. <i>ENeuro</i> , 2019, 6, ENEURO.0325-18.2019.	1.9	15
100	Unraveling the epigenetic landscape of depression: focus on early life stress. <i>Dialogues in Clinical Neuroscience</i> , 2019, 21, 341-357.	4.3	79
101	Oxycodone-induced gene expression adaptations in the brain reward center in a murine model of neuropathic pain. <i>FASEB Journal</i> , 2019, 33, 808.19.	0.4	0
102	Meeting Report: Can We Make Animal Models of Human Mental Illness?. <i>Biological Psychiatry</i> , 2018, 84, 542-545.	1.3	40
103	Granulocyte-colony stimulating factor controls neural and behavioral plasticity in response to cocaine. <i>Nature Communications</i> , 2018, 9, 9.	12.8	222
104	Transcription Factor E2F3a in Nucleus Accumbens Affects Cocaine Action via Transcription and Alternative Splicing. <i>Biological Psychiatry</i> , 2018, 84, 167-179.	1.3	31
105	The molecular basis for sex differences in depression susceptibility. <i>Current Opinion in Behavioral Sciences</i> , 2018, 23, 1-6.	4.0	13
106	Role of Dorsal Striatum Histone Deacetylase 5 in Incubation of Methamphetamine Craving. <i>Biological Psychiatry</i> , 2018, 84, 213-222.	1.3	34
107	Cocaine Self-administration Alters Transcriptome-wide Responses in the Brain's Reward Circuitry. <i>Biological Psychiatry</i> , 2018, 84, 867-880.	1.3	144
108	Estrogen receptor Î± drives pro-resilient transcription in mouse models of depression. <i>Nature Communications</i> , 2018, 9, 1116.	12.8	86

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109	Brain-wide Electrical Spatiotemporal Dynamics Encode Depression Vulnerability. <i>Cell</i> , 2018, 173, 166-180.e14.	27.3	148
110	Viral Expression of Epigenome Editing Tools in Rodent Brain Using Stereotaxic Surgery Techniques. <i>Methods in Molecular Biology</i> , 2018, 1767, 205-214.	0.7	9
111	Neuroepigenetic Editing. <i>Methods in Molecular Biology</i> , 2018, 1767, 113-136.	0.7	18
112	Cell-Type-Specific Epigenetic Editing at the Fosb Gene Controls Susceptibility to Social Defeat Stress. <i>Neuropsychopharmacology</i> , 2018, 43, 272-284.	5.5	92
113	In Vivo Fiber Photometry Reveals Signature of Future Stress Susceptibility in Nucleus Accumbens. <i>Neuropsychopharmacology</i> , 2018, 43, 255-263.	5.5	113
114	Treatment resistant depression: A multi-scale, systems biology approach. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 84, 272-288.	6.5	340
115	Overexpression of the Histone Dimethyltransferase G9a in Nucleus Accumbens Shell Increases Cocaine Self-Administration, Stress-Induced Reinstatement, and Anxiety. <i>Journal of Neuroscience</i> , 2018, 38, 803-813.	3.7	48
116	Epigenetic Priming in Drug Addiction. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2018, 83, 131-139.	1.1	25
117	Stereotaxic Surgery and Viral Delivery of Zinc-Finger Epigenetic Editing Tools in Rodent Brain. <i>Methods in Molecular Biology</i> , 2018, 1867, 229-238.	0.7	3
118	Progress in Epigenetics of Depression. <i>Progress in Molecular Biology and Translational Science</i> , 2018, 157, 41-66.	1.8	72
119	Genome-wide transcriptional profiling of central amygdala and orbitofrontal cortex during incubation of methamphetamine craving. <i>Neuropsychopharmacology</i> , 2018, 43, 2426-2434.	5.5	20
120	Withdrawal from repeated morphine administration augments expression of the RhoA network in the nucleus accumbens to control synaptic structure. <i>Journal of Neurochemistry</i> , 2018, 147, 84-98.	4.0	18
121	Transcriptional and physiological adaptations in nucleus accumbens somatostatin interneurons that regulate behavioral responses to cocaine. <i>Nature Communications</i> , 2018, 9, 3149.	12.8	43
122	Methylation in OTX2 and related genes, maltreatment, and depression in children. <i>Neuropsychopharmacology</i> , 2018, 43, 2204-2211.	5.5	39
123	Neuroepigenetics and addiction. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 148, 747-765.	0.3	77
124	Voluntary wheel running promotes resilience to chronic social defeat stress in mice: a role for nucleus accumbens δ -FosB. <i>Neuropsychopharmacology</i> , 2018, 43, 1934-1942.	5.5	42
125	Cell-Type-Specific Role of δ -FosB in Nucleus Accumbens In Modulating Intermale Aggression. <i>Journal of Neuroscience</i> , 2018, 38, 5913-5924.	3.7	54
126	Ketamine and Imipramine Reverse Transcriptional Signatures of Susceptibility and Induce Resilience-Specific Gene Expression Profiles. <i>Biological Psychiatry</i> , 2017, 81, 285-295.	1.3	126

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127	Dopaminergic dynamics underlying sex-specific cocaine reward. <i>Nature Communications</i> , 2017, 8, 13877.	12.8	285
128	Tet1 in Nucleus Accumbens Opposes Depression- and Anxiety-Like Behaviors. <i>Neuropsychopharmacology</i> , 2017, 42, 1657-1669.	5.5	54
129	WAVE1 in neurons expressing the D1 dopamine receptor regulates cellular and behavioral actions of cocaine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1395-1400.	7.4	26
130	DNA methyltransferase DNMT3a contributes to neuropathic pain by repressing Kcna2 in primary afferent neurons. <i>Nature Communications</i> , 2017, 8, 14712.	12.8	161
131	Brain-Derived Neurotrophic Factor in the Mesolimbic Reward Circuitry Mediates Nociception in Chronic Neuropathic Pain. <i>Biological Psychiatry</i> , 2017, 82, 608-618.	1.3	83
132	Neural Substrates of Depression and Resilience. <i>Neurotherapeutics</i> , 2017, 14, 677-686.	4.6	147
133	Regulation of BAZ1A and nucleosome positioning in the nucleus accumbens in response to cocaine. <i>Neuroscience</i> , 2017, 353, 1-6.	2.4	11
134	Cocaine-Induced Chromatin Modifications Associate With Increased Expression and Three-Dimensional Looping of <i>Auts2</i> . <i>Biological Psychiatry</i> , 2017, 82, 794-805.	1.3	50
135	Phf8 loss confers resistance to depression-like and anxiety-like behaviors in mice. <i>Nature Communications</i> , 2017, 8, 15142.	12.8	39
136	MicroRNAs 146a/b-5 and 425-3p and 24-3p are markers of antidepressant response and regulate MAPK/Wnt-system genes. <i>Nature Communications</i> , 2017, 8, 15497.	12.8	154
137	Nucleus accumbens feedforward inhibition circuit promotes cocaine self-administration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8750-E8759.	7.4	65
138	Establishment of a repeated social defeat stress model in female mice. <i>Scientific Reports</i> , 2017, 7, 12838.	3.4	185
139	Epigenetic suppression of hippocampal calbindin-D28k by $\hat{\gamma}$ FosB drives seizure-related cognitive deficits. <i>Nature Medicine</i> , 2017, 23, 1377-1383.	29.5	98
140	Sex-specific transcriptional signatures in human depression. <i>Nature Medicine</i> , 2017, 23, 1102-1111.	29.5	576
141	Perinatal Malnutrition Leads to Sexually Dimorphic Behavioral Responses with Associated Epigenetic Changes in the Mouse Brain. <i>Scientific Reports</i> , 2017, 7, 11082.	3.4	25
142	Gene Network Dysregulation in Dorsolateral Prefrontal Cortex Neurons of Humans with Cocaine Use Disorder. <i>Scientific Reports</i> , 2017, 7, 5412.	3.4	44
143	BDNF-TrkB controls cocaine-induced dendritic spines in rodent nucleus accumbens dissociated from increases in addictive behaviors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9469-9474.	7.4	33
144	$\hat{\gamma}$ FosB Regulates Gene Expression and Cognitive Dysfunction in a Mouse Model of Alzheimer's Disease. <i>Cell Reports</i> , 2017, 20, 344-355.	6.2	97

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145	Understanding the epigenetic basis of sex differences in depression. <i>Journal of Neuroscience Research</i> , 2017, 95, 692-702.	3.0	70
146	DCC Confers Susceptibility to Depression-like Behaviors in Humans and Mice and Is Regulated by miR-218. <i>Biological Psychiatry</i> , 2017, 81, 306-315.	1.3	115
147	Activator Protein-1: redox switch controlling structure and DNA-binding. <i>Nucleic Acids Research</i> , 2017, 45, 11425-11436.	13.8	57
148	Poly (ADP-Ribose) Polymerase-1 (PARP-1) Induction by Cocaine Is Post-Transcriptionally Regulated by miR-125b. <i>ENeuro</i> , 2017, 4, ENEURO.0089-17.2017.	1.9	24
149	Bioinformatic Analysis for Profiling Drug-induced Chromatin Modification Landscapes in Mouse Brain Using ChIP-seq Data. <i>Bio-protocol</i> , 2017, 7, .	0.4	0
150	Transgenerational Epigenetic Contributions to Stress Responses: Fact or Fiction?. <i>PLoS Biology</i> , 2016, 14, e1002426.	5.3	70
151	A Novel Analytical Strategy to Identify Fusion Transcripts between Repetitive Elements and Protein Coding-Exons Using RNA-Seq. <i>PLoS ONE</i> , 2016, 11, e0159028.	2.5	11
152	Translational Neuroscience in Clinical Psychiatry. , 2016, , 18-23.		0
153	BAZ1B in Nucleus Accumbens Regulates Reward-Related Behaviors in Response to Distinct Emotional Stimuli. <i>Journal of Neuroscience</i> , 2016, 36, 3954-3961.	3.7	41
154	Re-silencing of silent synapses unmasks anti-relapse effects of environmental enrichment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5089-5094.	7.4	41
155	Targeted Epigenetic Remodeling of the <i>Cdk5</i> Gene in Nucleus Accumbens Regulates Cocaine- and Stress-Evoked Behavior. <i>Journal of Neuroscience</i> , 2016, 36, 4690-4697.	3.7	96
156	Circuit-wide Transcriptional Profiling Reveals Brain Region-Specific Gene Networks Regulating Depression Susceptibility. <i>Neuron</i> , 2016, 90, 969-983.	7.9	292
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