

Eric J Nestler

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

432
papers

71,075
citations

130
h-index

261
g-index

591
ext. papers

80,435
ext. citations

10.3
avg, IF

8.3
L-index

#	Paper	IF	Citations
432	Whole blood transcriptional signatures associated with rapid antidepressant response to ketamine in patients with treatment resistant depression.. <i>Translational Psychiatry</i> , 2022 , 12, 12	8.6	1
431	Introduction to Special Issue: Insight Into Sex Differences in Neuropsychiatric Syndromes From Transcriptomic Analyses. <i>Biological Psychiatry</i> , 2022 , 91, 3-5	7.9	1
430	Reply to: Multiple Comparisons and Inappropriate Statistical Testing Lead to Spurious Sex Differences in Gene Expression. <i>Biological Psychiatry</i> , 2022 , 91, e3-e5	7.9	2
429	Sex-Specific Transcriptional Changes in Response to Adolescent Social Stress in the Brain's Reward Circuitry. <i>Biological Psychiatry</i> , 2022 , 91, 118-128	7.9	14
428	Sex-Specific Role for SLIT1 in Regulating Stress Susceptibility. <i>Biological Psychiatry</i> , 2022 , 91, 81-91	7.9	1
427	Midbrain projection to the basolateral amygdala encodes anxiety-like but not depression-like behaviors.. <i>Nature Communications</i> , 2022 , 13, 1532	17.4	1
426	Beyond the neuron: Role of non-neuronal cells in stress disorders.. <i>Neuron</i> , 2022 ,	13.9	2
425	Teenage drinking and adult neuropsychiatric disorders: An epigenetic connection.. <i>Science Advances</i> , 2022 , 8, eabq5934	14.3	
424	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	15.1	12
423	Regulation of impulsive and aggressive behaviours by a novel lncRNA. <i>Molecular Psychiatry</i> , 2021 , 26, 3751-3764	15.1	16
422	Cocaine-related DNA methylation in caudate neurons alters 3D chromatin structure of the IRXA gene cluster. <i>Molecular Psychiatry</i> , 2021 , 26, 3134-3151	15.1	5
421	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> , 2021 ,	7.9	3
420	Long read, isoform aware sequencing of mouse nucleus accumbens after chronic cocaine treatment. <i>Scientific Reports</i> , 2021 , 11, 6729	4.9	1
419	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	25.5	15
418	Astrocytes in cocaine addiction and beyond. <i>Molecular Psychiatry</i> , 2021 ,	15.1	4
417	Integration of evidence across human and model organism studies: A meeting report. <i>Genes, Brain and Behavior</i> , 2021 , 20, e12738	3.6	1
416	Nucleus Accumbens Medium Spiny Neuron Subtypes Differentially Regulate Stress-Associated Alterations in Sleep Architecture. <i>Biological Psychiatry</i> , 2021 , 89, 1138-1149	7.9	3

4 ¹⁵	Key transcription factors mediating cocaine-induced plasticity in the nucleus accumbens. <i>Molecular Psychiatry</i> , 2021 ,	15.1	5
4 ¹⁴	Sperm transcriptional state associated with paternal transmission of stress phenotypes. <i>Journal of Neuroscience</i> , 2021 ,	6.6	3
4 ¹³	Vitamin D deficiency exacerbates UV/endorphin and opioid addiction. <i>Science Advances</i> , 2021 , 7,	14.3	3
4 ¹²	Ronald S. Duman (1954-2020): In Memoriam. <i>Biological Psychiatry</i> , 2021 , 90, 72-73	7.9	
4 ¹¹	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	15.1	18
4 ¹⁰	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	9	4
4 ⁰⁹	Computational Analysis of Multidimensional Behavioral Alterations After Chronic Social Defeat Stress. <i>Biological Psychiatry</i> , 2021 , 89, 920-928	7.9	3
4 ⁰⁸	miR-218 in Adolescence Predicts and Mediates Vulnerability to Stress. <i>Biological Psychiatry</i> , 2021 , 89, 911-919	7.9	6
4 ⁰⁷	Cocaine Triggers Astrocyte-Mediated Synaptogenesis. <i>Biological Psychiatry</i> , 2021 , 89, 386-397	7.9	20
4 ⁰⁶	Paternal transgenerational epigenetic mechanisms mediating stress phenotypes of offspring. <i>European Journal of Neuroscience</i> , 2021 , 53, 271-280	3.5	17
4 ⁰⁵	Methylation of the tyrosine hydroxylase gene is dysregulated by cocaine dependence in the human striatum. <i>iScience</i> , 2021 , 24, 103169	6.1	2
4 ⁰⁴	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	7.9	3
4 ⁰³	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	7.9	4
4 ⁰²	Drug-activated cells: From immediate early genes to neuronal ensembles in addiction. <i>Advances in Pharmacology</i> , 2021 , 90, 173-216	5.7	6
4 ⁰¹	AMPA and NMDA Receptor Trafficking at Cocaine-Generated Synapses. <i>Journal of Neuroscience</i> , 2021 , 41, 1996-2011	6.6	4
4 ⁰⁰	Chronic intermittent hypoxia enhances tau seeding and propagation and exacerbates Alzheimer β -like memory and synaptic plasticity deficits and molecular signatures. <i>Alzheimeris and Dementia</i> , 2020 , 16, e045408	1.2	
399	Role of Long Noncoding RNA Gas5 in Cocaine Action. <i>Biological Psychiatry</i> , 2020 , 88, 758-766	7.9	11
398	Dopaminergic Regulation of Nucleus Accumbens Cholinergic Interneurons Demarcates Susceptibility to Cocaine Addiction. <i>Biological Psychiatry</i> , 2020 , 88, 746-757	7.9	9

397	Different adaptations of dopamine release in Nucleus Accumbens shell and core of individual alcohol drinking groups of mice. <i>Neuropharmacology</i> , 2020 , 175, 108176	5.5	2
396	The Netrin-1/DCC Guidance Cue Pathway as a Molecular Target in Depression: Translational Evidence. <i>Biological Psychiatry</i> , 2020 , 88, 611-624	7.9	15
395	Cocaine-regulated microRNA miR-124 controls poly (ADP-ribose) polymerase-1 expression in neuronal cells. <i>Scientific Reports</i> , 2020 , 10, 11197	4.9	12
394	Shared Transcriptional Signatures in Major Depressive Disorder and Mouse Chronic Stress Models. <i>Biological Psychiatry</i> , 2020 , 88, 159-168	7.9	32
393	Orexin signaling in GABAergic lateral habenula neurons modulates aggressive behavior in male mice. <i>Nature Neuroscience</i> , 2020 , 23, 638-650	25.5	40
392	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	7.6	82
391	Molecular characterization of the resilient brain 2020 , 209-231		1
390	Self-assembly of the bZIP transcription factor FosB. <i>Current Research in Structural Biology</i> , 2020 , 2, 1-13	2.8	1
389	Silent synapses dictate cocaine memory destabilization and reconsolidation. <i>Nature Neuroscience</i> , 2020 , 23, 32-46	25.5	31
388	In vivo locus-specific editing of the neuroepigenome. <i>Nature Reviews Neuroscience</i> , 2020 , 21, 471-484	13.5	22
387	Chronic stress and antidepressant treatment alter purine metabolism and beta oxidation within mouse brain and serum. <i>Scientific Reports</i> , 2020 , 10, 18134	4.9	11
386	Viral tools for neuroscience. <i>Nature Reviews Neuroscience</i> , 2020 , 21, 669-681	13.5	36
385	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	15.1	26
384	MiR-218: a molecular switch and potential biomarker of susceptibility to stress. <i>Molecular Psychiatry</i> , 2020 , 25, 951-964	15.1	23
383	Epigenetic Mechanisms of Opioid Addiction. <i>Biological Psychiatry</i> , 2020 , 87, 22-33	7.9	62
382	Resilience to Stress and Resilience to Pain: Lessons from Molecular Neurobiology and Genetics. <i>Trends in Molecular Medicine</i> , 2020 , 26, 924-935	11.5	1
381	Sex-Specific Role for the Long Non-coding RNA LINC00473 in Depression. <i>Neuron</i> , 2020 , 106, 912-926.e513.9	5.9	46
380	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	8.7	17

379	Biology and Bias in Cell Type-Specific RNAseq of Nucleus Accumbens Medium Spiny Neurons. <i>Scientific Reports</i> , 2019 , 9, 8350	4.9	11
378	Role of Mesolimbic Brain-Derived Neurotrophic Factor in Depression. <i>Biological Psychiatry</i> , 2019 , 86, 738-748	7.9	30
377	The critical importance of basic animal research for neuropsychiatric disorders. <i>Neuropsychopharmacology</i> , 2019 , 44, 1349-1353	8.7	60
376	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	6.6	12
375	Neurobiology of Resilience: Interface Between Mind and Body. <i>Biological Psychiatry</i> , 2019 , 86, 410-420	7.9	85
374	Viral labeling of neurons synaptically connected to nucleus accumbens somatostatin interneurons. <i>PLoS ONE</i> , 2019 , 14, e0213476	3.7	10
373	Environmental Programming of Susceptibility and Resilience to Stress in Adulthood in Male Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2019 , 13, 40	3.5	36
372	Long-Term Behavioral Effects of Post-weaning Social Isolation in Males and Females. <i>Frontiers in Behavioral Neuroscience</i> , 2019 , 13, 66	3.5	52
371	Gadd45b mediates depressive-like role through DNA demethylation. <i>Scientific Reports</i> , 2019 , 9, 4615	4.9	25
370	The Molecular Basis of Drug Addiction: Linking Epigenetic to Synaptic and Circuit Mechanisms. <i>Neuron</i> , 2019 , 102, 48-59	13.9	106
369	The Role of Deimination in Regenerative Reprogramming of Neurons. <i>Molecular Neurobiology</i> , 2019 , 56, 2618-2639	6.2	4
368	Stress resilience is promoted by a Zfp189-driven transcriptional network in prefrontal cortex. <i>Nature Neuroscience</i> , 2019 , 22, 1413-1423	25.5	35
367	Personal reflections on a mentor extraordinaire: Paul Greengard, Ph.D. (1925-2019). <i>Neuropsychopharmacology</i> , 2019 , 44, 1837-1838	8.7	1
366	Multidimensional Predictors of Susceptibility and Resilience to Social Defeat Stress. <i>Biological Psychiatry</i> , 2019 , 86, 483-491	7.9	32
365	Exercise Modalities Improve Aversive Memory and Survival Rate in Aged Rats: Role of Hippocampal Epigenetic Modifications. <i>Molecular Neurobiology</i> , 2019 , 56, 8408-8419	6.2	16
364	Epigenetics and addiction. <i>Current Opinion in Neurobiology</i> , 2019 , 59, 128-136	7.6	37
363	Early life stress alters transcriptomic patterning across reward circuitry in male and female mice. <i>Nature Communications</i> , 2019 , 10, 5098	17.4	58
362	Induction in Nucleus Accumbens by Cocaine Is Regulated by E2F3a. <i>ENeuro</i> , 2019 , 6,	3.9	6

361	Unraveling the epigenetic landscape of depression: focus on early life stress?. <i>Dialogues in Clinical Neuroscience</i> , 2019 , 21, 341-357	5-7	39
360	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	0.9	
359	Molecular, Cellular, and Circuit Basis of Depression Susceptibility and Resilience 2019 , 123-136		7
358	Cognition and Related Neural Findings on Methamphetamine Use Disorder: Insights and Treatment Implications From Schizophrenia Research. <i>Frontiers in Psychiatry</i> , 2019 , 10, 880	5	16
357	β and β ₂ Adrenergic Receptor-Mediated Mesolimbic Homeostatic Plasticity Confers Resilience to Social Stress in Susceptible Mice. <i>Biological Psychiatry</i> , 2019 , 85, 226-236	7.9	29
356	A novel role for E2F3b in regulating cocaine action in the prefrontal cortex. <i>Neuropsychopharmacology</i> , 2019 , 44, 776-784	8.7	5
355	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	8.7	18
354	Meeting Report: Can We Make Animal Models of Human Mental Illness?. <i>Biological Psychiatry</i> , 2018 , 84, 542-545	7.9	23
353	Granulocyte-colony stimulating factor controls neural and behavioral plasticity in response to cocaine. <i>Nature Communications</i> , 2018 , 9, 9	17.4	151
352	Transcription Factor E2F3a in Nucleus Accumbens Affects Cocaine Action via Transcription and Alternative Splicing. <i>Biological Psychiatry</i> , 2018 , 84, 167-179	7.9	17
351	The molecular basis for sex differences in depression susceptibility. <i>Current Opinion in Behavioral Sciences</i> , 2018 , 23, 1-6	4	8
350	Role of Dorsal Striatum Histone Deacetylase 5 in Incubation of Methamphetamine Craving. <i>Biological Psychiatry</i> , 2018 , 84, 213-222	7.9	24
349	Cocaine Self-administration Alters Transcriptome-wide Responses in the Brain's Reward Circuitry. <i>Biological Psychiatry</i> , 2018 , 84, 867-880	7.9	80
348	Estrogen receptor β drives pro-resilient transcription in mouse models of depression. <i>Nature Communications</i> , 2018 , 9, 1116	17.4	59
347	Brain-wide Electrical Spatiotemporal Dynamics Encode Depression Vulnerability. <i>Cell</i> , 2018 , 173, 166-180	9.6	69
346	Viral Expression of Epigenome Editing Tools in Rodent Brain Using Stereotaxic Surgery Techniques. <i>Methods in Molecular Biology</i> , 2018 , 1767, 205-214	1.4	3
345	Neuroepigenetic Editing. <i>Methods in Molecular Biology</i> , 2018 , 1767, 113-136	1.4	12
344	Cell-Type-Specific Epigenetic Editing at the Fosb Gene Controls Susceptibility to Social Defeat Stress. <i>Neuropsychopharmacology</i> , 2018 , 43, 272-284	8.7	57

343	In Vivo Fiber Photometry Reveals Signature of Future Stress Susceptibility in Nucleus Accumbens. <i>Neuropsychopharmacology</i> , 2018 , 43, 255-263	8.7	55
342	Treatment resistant depression: A multi-scale, systems biology approach. <i>Neuroscience and Biobehavioral Reviews</i> , 2018 , 84, 272-288	9	209
341	Genome-wide transcriptional profiling of central amygdala and orbitofrontal cortex during incubation of methamphetamine craving. <i>Neuropsychopharmacology</i> , 2018 , 43, 2426-2434	8.7	13
340	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	6	8
339	Transcriptional and physiological adaptations in nucleus accumbens somatostatin interneurons that regulate behavioral responses to cocaine. <i>Nature Communications</i> , 2018 , 9, 3149	17.4	22
338	Methylation in OTX2 and related genes, maltreatment, and depression in children. <i>Neuropsychopharmacology</i> , 2018 , 43, 2204-2211	8.7	31
337	Neuroepigenetics and addiction. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2018 , 148, 747-765	3	50
336	Voluntary wheel running promotes resilience to chronic social defeat stress in mice: a role for nucleus accumbens FosB. <i>Neuropsychopharmacology</i> , 2018 , 43, 1934-1942	8.7	24
335	Cell-Type-Specific Role of FosB in Nucleus Accumbens In Modulating Intermale Aggression. <i>Journal of Neuroscience</i> , 2018 , 38, 5913-5924	6.6	30
334	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	6.6	34
333	Epigenetic Priming in Drug Addiction. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2018 , 83, 131-139	3.9	14
332	Stereotaxic Surgery and Viral Delivery of Zinc-Finger Epigenetic Editing Tools in Rodent Brain. <i>Methods in Molecular Biology</i> , 2018 , 1867, 229-238	1.4	3
331	Progress in Epigenetics of Depression. <i>Progress in Molecular Biology and Translational Science</i> , 2018 , 157, 41-66	4	45
330	Ketamine and Imipramine Reverse Transcriptional Signatures of Susceptibility and Induce Resilience-Specific Gene Expression Profiles. <i>Biological Psychiatry</i> , 2017 , 81, 285-295	7.9	81
329	Dopaminergic dynamics underlying sex-specific cocaine reward. <i>Nature Communications</i> , 2017 , 8, 13877	17.4	160
328	Tet1 in Nucleus Accumbens Opposes Depression- and Anxiety-Like Behaviors. <i>Neuropsychopharmacology</i> , 2017 , 42, 1657-1669	8.7	35
327	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	11.5	10
326	DNA methyltransferase DNMT3a contributes to neuropathic pain by repressing Kcna2 in primary afferent neurons. <i>Nature Communications</i> , 2017 , 8, 14712	17.4	89

325	Brain-Derived Neurotrophic Factor in the Mesolimbic Reward Circuitry Mediates Nociception in Chronic Neuropathic Pain. <i>Biological Psychiatry</i> , 2017 , 82, 608-618	7.9	45
324	Neural Substrates of Depression and Resilience. <i>Neurotherapeutics</i> , 2017 , 14, 677-686	6.4	82
323	Regulation of BAZ1A and nucleosome positioning in the nucleus accumbens in response to cocaine. <i>Neuroscience</i> , 2017 , 353, 1-6	3.9	11
322	Cocaine-Induced Chromatin Modifications Associate With Increased Expression and Three-Dimensional Looping of <i>Auts2</i> . <i>Biological Psychiatry</i> , 2017 , 82, 794-805	7.9	31
321	Phf8 loss confers resistance to depression-like and anxiety-like behaviors in mice. <i>Nature Communications</i> , 2017 , 8, 15142	17.4	23
320	Early life stress confers lifelong stress susceptibility in mice via ventral tegmental area OTX2. <i>Science</i> , 2017 , 356, 1185-1188	33.3	186
319	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	17.4	93
318	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 ^{11.5}	11.5	31
317	Establishment of a repeated social defeat stress model in female mice. <i>Scientific Reports</i> , 2017 , 7, 12838	4.9	107
316	Epigenetic suppression of hippocampal calbindin-D28k by <i>EosB</i> drives seizure-related cognitive deficits. <i>Nature Medicine</i> , 2017 , 23, 1377-1383	50.5	42
315	Sex-specific transcriptional signatures in human depression. <i>Nature Medicine</i> , 2017 , 23, 1102-1111	50.5	325
314	Perinatal Malnutrition Leads to Sexually Dimorphic Behavioral Responses with Associated Epigenetic Changes in the Mouse Brain. <i>Scientific Reports</i> , 2017 , 7, 11082	4.9	11
313	Gene Network Dysregulation in Dorsolateral Prefrontal Cortex Neurons of Humans with Cocaine Use Disorder. <i>Scientific Reports</i> , 2017 , 7, 5412	4.9	21
312	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	11.5	23
311	<i>EosB</i> Regulates Gene Expression and Cognitive Dysfunction in a Mouse Model of Alzheimer's Disease. <i>Cell Reports</i> , 2017 , 20, 344-355	10.6	44
310	The methyltransferase SETDB1 regulates a large neuron-specific topological chromatin domain. <i>Nature Genetics</i> , 2017 , 49, 1239-1250	36.3	88
309	Understanding the epigenetic basis of sex differences in depression. <i>Journal of Neuroscience Research</i> , 2017 , 95, 692-702	4.4	55
308	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	7.9	69

307	Activator Protein-1: redox switch controlling structure and DNA-binding. <i>Nucleic Acids Research</i> , 2017 , 45, 11425-11436	20.1	28
306	Poly (ADP-Ribose) Polymerase-1 (PARP-1) Induction by Cocaine Is Post-Transcriptionally Regulated by miR-125b. <i>ENeuro</i> , 2017 , 4,	3.9	17
305	Neuroanatomic Differences Associated With Stress Susceptibility and Resilience. <i>Biological Psychiatry</i> , 2016 , 79, 840-849	7.9	89
304	Epigenetic Basis of Mental Illness. <i>Neuroscientist</i> , 2016 , 22, 447-63	7.6	175
303	Constance E. Lieber, Theodore R. Stanley, and the Enduring Impact of Philanthropy on Psychiatry Research. <i>Biological Psychiatry</i> , 2016 , 80, 84-86	7.9	2
302	Neuroepigenomics and Human Disease 2016 , 73-91		
301	Effects of gaboxadol on the expression of cocaine sensitization in rats. <i>Experimental and Clinical Psychopharmacology</i> , 2016 , 24, 131-41	3.2	3
300	Aberrant H3.3 dynamics in NAc promote vulnerability to depressive-like behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 12562-12567	11.5	32
299	Alterations of the Host Microbiome Affect Behavioral Responses to Cocaine. <i>Scientific Reports</i> , 2016 , 6, 35455	4.9	129
298	Opposing mechanisms mediate morphine- and cocaine-induced generation of silent synapses. <i>Nature Neuroscience</i> , 2016 , 19, 915-25	25.5	106
297	Stress and Cocaine Trigger Divergent and Cell Type-Specific Regulation of Synaptic Transmission at Single Spines in Nucleus Accumbens. <i>Biological Psychiatry</i> , 2016 , 79, 898-905	7.9	46
296	Bidirectional Synaptic Structural Plasticity after Chronic Cocaine Administration Occurs through Rap1 Small GTPase Signaling. <i>Neuron</i> , 2016 , 89, 566-82	13.9	52
295	In vivo imaging identifies temporal signature of D1 and D2 medium spiny neurons in cocaine reward. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 2726-31	11.5	170
294	Reflections on: "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". <i>Brain Research</i> , 2016 , 1645, 71-4	3.7	31
293	Essential Role of Mesolimbic Brain-Derived Neurotrophic Factor in Chronic Social Stress-Induced Depressive Behaviors. <i>Biological Psychiatry</i> , 2016 , 80, 469-478	7.9	123
292	A Role for Mitogen- and Stress-Activated Kinase 1 in L-DOPA-Induced Dyskinesia and FosB Expression. <i>Biological Psychiatry</i> , 2016 , 79, 362-371	7.9	36
291	Transgenerational Epigenetic Contributions to Stress Responses: Fact or Fiction?. <i>PLoS Biology</i> , 2016 , 14, e1002426	9.7	49
290	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	3.7	10

289 Translational Neuroscience in Clinical Psychiatry **2016**, 18-23

288	BAZ1B in Nucleus Accumbens Regulates Reward-Related Behaviors in Response to Distinct Emotional Stimuli. <i>Journal of Neuroscience</i> , 2016 , 36, 3954-61	6.6	22
287	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, 5089-94	11.5	30
286	Targeted Epigenetic Remodeling of the Cdk5 Gene in Nucleus Accumbens Regulates Cocaine- and Stress-Evoked Behavior. <i>Journal of Neuroscience</i> , 2016 , 36, 4690-7	6.6	67
285	Circuit-wide Transcriptional Profiling Reveals Brain Region-Specific Gene Networks Regulating Depression Susceptibility. <i>Neuron</i> , 2016 , 90, 969-83	13.9	176
284	Biological Psychiatry and Biological Psychiatry: Cognitive Neuroscience and Neuroimaging Adopt Neuroscience-Based Nomenclature. <i>Biological Psychiatry</i> , 2016 , 80, 2-3	7.9	0
283	The role of <i>EbsB</i> in the medial preoptic area: Differential effects of mating and cocaine history. <i>Behavioral Neuroscience</i> , 2016 , 130, 469-78	2.1	4
282	Biological Psychiatry and Biological Psychiatry: Cognitive Neuroscience and Neuroimaging Adopt Neuroscience-Based Nomenclature. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016 , 1, 300-301	3.4	0
281	SIRT1 Mediates Depression-Like Behaviors in the Nucleus Accumbens. <i>Journal of Neuroscience</i> , 2016 , 36, 8441-52	6.6	88
280	Histone arginine methylation in cocaine action in the nucleus accumbens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 9623-8	11.5	38
279	Morphine and cocaine increase serum- and glucocorticoid-inducible kinase 1 activity in the ventral tegmental area. <i>Journal of Neurochemistry</i> , 2015 , 132, 243-53	6	18
278	The role of ventral striatal cAMP signaling in stress-induced behaviors. <i>Nature Neuroscience</i> , 2015 , 18, 1094-100	25.5	50
277	Critical Role of Histone Turnover in Neuronal Transcription and Plasticity. <i>Neuron</i> , 2015 , 87, 77-94	13.9	163
276	Dishevelled-2 regulates cocaine-induced structural plasticity and Rac1 activity in the nucleus accumbens. <i>Neuroscience Letters</i> , 2015 , 598, 23-8	3.3	12
275	Role of Tet1 and 5-hydroxymethylcytosine in cocaine action. <i>Nature Neuroscience</i> , 2015 , 18, 536-44	25.5	130
274	Epigenetic mechanisms of chronic pain. <i>Trends in Neurosciences</i> , 2015 , 38, 237-46	13.3	193
273	ACF chromatin-remodeling complex mediates stress-induced depressive-like behavior. <i>Nature Medicine</i> , 2015 , 21, 1146-53	50.5	66
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1 Orexin signaling in GABAergic lateral habenula neurons modulates aggressive behavior

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