

Eric J Nestler

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6178540/eric-j-nestler-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Chronic antidepressant treatment increases neurogenesis in adult rat hippocampus. <i>Journal of Neuroscience</i> , 2000 , 20, 9104-10	6.6	2532
431	Neurobiology of depression. <i>Neuron</i> , 2002 , 34, 13-25	13.9	2305
430	Neural mechanisms of addiction: the role of reward-related learning and memory. <i>Annual Review of Neuroscience</i> , 2006 , 29, 565-98	17	2134
429	The molecular neurobiology of depression. <i>Nature</i> , 2008 , 455, 894-902	50.4	1915
428	Essential role of BDNF in the mesolimbic dopamine pathway in social defeat stress. <i>Science</i> , 2006 , 311, 864-8	33.3	1559
427	Molecular adaptations underlying susceptibility and resistance to social defeat in brain reward regions. <i>Cell</i> , 2007 , 131, 391-404	56.2	1492
426	The mesolimbic dopamine reward circuit in depression. <i>Biological Psychiatry</i> , 2006 , 59, 1151-9	7.9	1472
425	Molecular basis of long-term plasticity underlying addiction. <i>Nature Reviews Neuroscience</i> , 2001 , 2, 119-28	28.5	1433
424	Animal models of neuropsychiatric disorders. <i>Nature Neuroscience</i> , 2010 , 13, 1161-9	25.5	1415
423	Sustained hippocampal chromatin regulation in a mouse model of depression and antidepressant action. <i>Nature Neuroscience</i> , 2006 , 9, 519-25	25.5	1402
422	New approaches to antidepressant drug discovery: beyond monoamines. <i>Nature Reviews Neuroscience</i> , 2006 , 7, 137-51	13.5	1162
421	Molecular and cellular basis of addiction. <i>Science</i> , 1997 , 278, 58-63	33.3	1136
420	Epigenetic regulation in psychiatric disorders. <i>Nature Reviews Neuroscience</i> , 2007 , 8, 355-67	13.5	1090
419	Is there a common molecular pathway for addiction?. <i>Nature Neuroscience</i> , 2005 , 8, 1445-9	25.5	1036
418	The brain reward circuitry in mood disorders. <i>Nature Reviews Neuroscience</i> , 2013 , 14, 609-25	13.5	1035
417	The many faces of CREB. <i>Trends in Neurosciences</i> , 2005 , 28, 436-45	13.3	992
416	Psychobiology and molecular genetics of resilience. <i>Nature Reviews Neuroscience</i> , 2009 , 10, 446-57	13.5	872

415	Rapid regulation of depression-related behaviours by control of midbrain dopamine neurons. <i>Nature</i> , 2013 , 493, 532-6	50.4	731
414	Neurobiology of resilience. <i>Nature Neuroscience</i> , 2012 , 15, 1475-84	25.5	715
413	Transcriptional and epigenetic mechanisms of addiction. <i>Nature Reviews Neuroscience</i> , 2011 , 12, 623-37	13.5	673
412	Mania-like behavior induced by disruption of CLOCK. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 6406-11	11.5	619
411	Chromatin remodeling is a key mechanism underlying cocaine-induced plasticity in striatum. <i>Neuron</i> , 2005 , 48, 303-14	13.9	615
410	Cell type-specific loss of BDNF signaling mimics optogenetic control of cocaine reward. <i>Science</i> , 2010 , 330, 385-90	33.3	612
409	ngs.plot: Quick mining and visualization of next-generation sequencing data by integrating genomic databases. <i>BMC Genomics</i> , 2014 , 15, 284	4.5	561
408	Expression of the transcription factor deltaFosB in the brain controls sensitivity to cocaine. <i>Nature</i> , 1999 , 401, 272-6	50.4	534
407	Essential role of brain-derived neurotrophic factor in adult hippocampal function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 10827-32	11.5	533
406	Regulation of gene expression and cocaine reward by CREB and DeltaFosB. <i>Nature Neuroscience</i> , 2003 , 6, 1208-15	25.5	506
405	Essential role of the histone methyltransferase G9a in cocaine-induced plasticity. <i>Science</i> , 2010 , 327, 213-6	33.3	504
404	Histone deacetylase 5 epigenetically controls behavioral adaptations to chronic emotional stimuli. <i>Neuron</i> , 2007 , 56, 517-29	13.9	493
403	Induction of a long-lasting AP-1 complex composed of altered Fos-like proteins in brain by chronic cocaine and other chronic treatments. <i>Neuron</i> , 1994 , 13, 1235-44	13.9	486
402	Dnmt3a regulates emotional behavior and spine plasticity in the nucleus accumbens. <i>Nature Neuroscience</i> , 2010 , 13, 1137-43	25.5	482
401	The addicted synapse: mechanisms of synaptic and structural plasticity in nucleus accumbens. <i>Trends in Neurosciences</i> , 2010 , 33, 267-76	13.3	473
400	Linking molecules to mood: new insight into the biology of depression. <i>American Journal of Psychiatry</i> , 2010 , 167, 1305-20	11.9	471
399	Antidepressant actions of histone deacetylase inhibitors. <i>Journal of Neuroscience</i> , 2009 , 29, 11451-60	6.6	457
398	The orexigenic hormone ghrelin defends against depressive symptoms of chronic stress. <i>Nature Neuroscience</i> , 2008 , 11, 752-3	25.5	450

397	Protein phosphorylation in the brain. <i>Nature</i> , 1983 , 305, 583-8	50.4	450
396	Antidepressant effect of optogenetic stimulation of the medial prefrontal cortex. <i>Journal of Neuroscience</i> , 2010 , 30, 16082-90	6.6	445
395	Preclinical models: status of basic research in depression. <i>Biological Psychiatry</i> , 2002 , 52, 503-28	7.9	441
394	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> , 1991 , 548, 100-10	3.7	437
393	Molecular mechanisms of drug addiction. <i>Neuropharmacology</i> , 2004 , 47 Suppl 1, 24-32	5.5	434
392	Altered responsiveness to cocaine and increased immobility in the forced swim test associated with elevated cAMP response element-binding protein expression in nucleus accumbens. <i>Journal of Neuroscience</i> , 2001 , 21, 7397-403	6.6	431
391	Brain-derived neurotrophic factor conditional knockouts show gender differences in depression-related behaviors. <i>Biological Psychiatry</i> , 2007 , 61, 187-97	7.9	412
390	CREB activity in the nucleus accumbens shell controls gating of behavioral responses to emotional stimuli. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 11435-40	11.5	410
389	Decoding the epigenetic language of neuronal plasticity. <i>Neuron</i> , 2008 , 60, 961-74	13.9	408
388	Effects of chronic exposure to cocaine are regulated by the neuronal protein Cdk5. <i>Nature</i> , 2001 , 410, 376-80	50.4	404
387	Regulation of dopaminergic transmission and cocaine reward by the Clock gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 9377-81	11.5	393
386	DeltaFosB in brain reward circuits mediates resilience to stress and antidepressant responses. <i>Nature Neuroscience</i> , 2010 , 13, 745-52	25.5	365
385	Histone modifications at gene promoter regions in rat hippocampus after acute and chronic electroconvulsive seizures. <i>Journal of Neuroscience</i> , 2004 , 24, 5603-10	6.6	355
384	Brain-derived neurotrophic factor in the ventral midbrain-nucleus accumbens pathway: a role in depression. <i>Biological Psychiatry</i> , 2003 , 54, 994-1005	7.9	333
383	Homeostatic and hedonic signals interact in the regulation of food intake. <i>Journal of Nutrition</i> , 2009 , 139, 629-32	4.1	332
382	Historical review: Molecular and cellular mechanisms of opiate and cocaine addiction. <i>Trends in Pharmacological Sciences</i> , 2004 , 25, 210-8	13.2	332
381	Enhancement of locomotor activity and conditioned reward to cocaine by brain-derived neurotrophic factor. <i>Journal of Neuroscience</i> , 1999 , 19, 4110-22	6.6	332
380	Sex-specific transcriptional signatures in human depression. <i>Nature Medicine</i> , 2017 , 23, 1102-1111	50.5	325

379	DeltaFosB: a molecular switch for long-term adaptation in the brain. <i>Molecular Brain Research</i> , 2004 , 132, 146-54		309
378	Genome-wide analysis of chromatin regulation by cocaine reveals a role for sirtuins. <i>Neuron</i> , 2009 , 62, 335-48	13.9	308
377	Epigenetic mechanisms in drug addiction. <i>Trends in Molecular Medicine</i> , 2008 , 14, 341-50	11.5	302
376	Animal models of depression: molecular perspectives. <i>Current Topics in Behavioral Neurosciences</i> , 2011 , 7, 121-47	3.4	300
375	The hypothalamic neuropeptide melanin-concentrating hormone acts in the nucleus accumbens to modulate feeding behavior and forced-swim performance. <i>Journal of Neuroscience</i> , 2005 , 25, 2933-40	6.6	289
374	Sensitization to morphine induced by viral-mediated gene transfer. <i>Science</i> , 1997 , 277, 812-4	33.3	285
373	Common molecular and cellular substrates of addiction and memory. <i>Neurobiology of Learning and Memory</i> , 2002 , 78, 637-47	3.1	284
372	Increased vulnerability to cocaine in mice lacking the serotonin-1B receptor. <i>Nature</i> , 1998 , 393, 175-8	50.4	276
371	Regulation of ERK (extracellular signal regulated kinase), part of the neurotrophin signal transduction cascade, in the rat mesolimbic dopamine system by chronic exposure to morphine or cocaine. <i>Journal of Neuroscience</i> , 1996 , 16, 4707-15	6.6	276
370	Review. Transcriptional mechanisms of addiction: role of DeltaFosB. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008 , 363, 3245-55	5.8	275
369	Epigenetic mechanisms of drug addiction. <i>Neuropharmacology</i> , 2014 , 76 Pt B, 259-68	5.5	274
368	Chronic Fos-related antigens: stable variants of deltaFosB induced in brain by chronic treatments. <i>Journal of Neuroscience</i> , 1997 , 17, 4933-41	6.6	272
367	Neurotrophic factors and structural plasticity in addiction. <i>Neuropharmacology</i> , 2009 , 56 Suppl 1, 73-82	5.5	267
366	CREB modulates excitability of nucleus accumbens neurons. <i>Nature Neuroscience</i> , 2006 , 9, 475-7	25.5	265
365	Mesolimbic dopamine neurons in the brain reward circuit mediate susceptibility to social defeat and antidepressant action. <i>Journal of Neuroscience</i> , 2010 , 30, 16453-8	6.6	264
364	Molecular neurobiology of drug addiction. <i>Annual Review of Medicine</i> , 2004 , 55, 113-32	17.4	262
363	Epigenetics of the depressed brain: role of histone acetylation and methylation. <i>Neuropsychopharmacology</i> , 2013 , 38, 124-37	8.7	261
362	Induction of deltaFosB in reward-related brain structures after chronic stress. <i>Journal of Neuroscience</i> , 2004 , 24, 10594-602	6.6	261

361	Inhibition of cAMP response element-binding protein or dynorphin in the nucleus accumbens produces an antidepressant-like effect. <i>Journal of Neuroscience</i> , 2002 , 22, 10883-90	6.6	260
360	Paternal transmission of stress-induced pathologies. <i>Biological Psychiatry</i> , 2011 , 70, 408-14	7.9	254
359	CREB regulation of nucleus accumbens excitability mediates social isolation-induced behavioral deficits. <i>Nature Neuroscience</i> , 2009 , 12, 200-9	25.5	252
358	Ventral hippocampal afferents to the nucleus accumbens regulate susceptibility to depression. <i>Nature Communications</i> , 2015 , 6, 7062	17.4	242
357	The striatal balancing act in drug addiction: distinct roles of direct and indirect pathway medium spiny neurons. <i>Frontiers in Neuroanatomy</i> , 2011 , 5, 41	3.6	236
356	CREB (cAMP response element-binding protein) in the locus coeruleus: biochemical, physiological, and behavioral evidence for a role in opiate dependence. <i>Journal of Neuroscience</i> , 1997 , 17, 7890-901	6.6	231
355	Sex Differences in Nucleus Accumbens Transcriptome Profiles Associated with Susceptibility versus Resilience to Subchronic Variable Stress. <i>Journal of Neuroscience</i> , 2015 , 35, 16362-76	6.6	229
354	Maturation of silent synapses in amygdala-accumbens projection contributes to incubation of cocaine craving. <i>Nature Neuroscience</i> , 2013 , 16, 1644-51	25.5	212
353	diffReps: detecting differential chromatin modification sites from ChIP-seq data with biological replicates. <i>PLoS ONE</i> , 2013 , 8, e65598	3.7	212
352	Treatment resistant depression: A multi-scale, systems biology approach. <i>Neuroscience and Biobehavioral Reviews</i> , 2018 , 84, 272-288	9	209
351	A role for repressive histone methylation in cocaine-induced vulnerability to stress. <i>Neuron</i> , 2011 , 71, 656-70	13.9	209
350	Cocaine regulates MEF2 to control synaptic and behavioral plasticity. <i>Neuron</i> , 2008 , 59, 621-33	13.9	209
349	An essential role for DeltaFosB in the nucleus accumbens in morphine action. <i>Nature Neuroscience</i> , 2006 , 9, 205-11	25.5	209
348	HDAC2 regulates atypical antipsychotic responses through the modulation of mGlu2 promoter activity. <i>Nature Neuroscience</i> , 2012 , 15, 1245-54	25.5	208
347	Imipramine treatment and resiliency exhibit similar chromatin regulation in the mouse nucleus accumbens in depression models. <i>Journal of Neuroscience</i> , 2009 , 29, 7820-32	6.6	207
346	The neurobiology of cocaine addiction. <i>Science & Practice Perspectives / A Publication of the National Institute on Drug Abuse, National Institutes of Health</i> , 2005 , 3, 4-10		204
345	Ecaterin mediates stress resilience through Dicer1/microRNA regulation. <i>Nature</i> , 2014 , 516, 51-5	50.4	202
344	Nuclear factor kappa B signaling regulates neuronal morphology and cocaine reward. <i>Journal of Neuroscience</i> , 2009 , 29, 3529-37	6.6	196

343	Prefrontal cortical circuit for depression- and anxiety-related behaviors mediated by cholecystokinin: role of FosB. <i>Journal of Neuroscience</i> , 2014 , 34, 3878-87	6.6	194
342	Epigenetic mechanisms of depression and antidepressant action. <i>Annual Review of Pharmacology and Toxicology</i> , 2013 , 53, 59-87	17.9	194
341	Epigenetic mechanisms of chronic pain. <i>Trends in Neurosciences</i> , 2015 , 38, 237-46	13.3	193
340	Delta FosB regulates wheel running. <i>Journal of Neuroscience</i> , 2002 , 22, 8133-8	6.6	192
339	Regulation of G proteins by chronic morphine in the rat locus coeruleus. <i>Brain Research</i> , 1989 , 476, 230-9	3.7	192
338	Morphine and cocaine exert common chronic actions on tyrosine hydroxylase in dopaminergic brain reward regions. <i>Journal of Neurochemistry</i> , 1991 , 57, 344-7	6	187
337	Early life stress confers lifelong stress susceptibility in mice via ventral tegmental area OTX2. <i>Science</i> , 2017 , 356, 1185-1188	33.3	186
336	DeltaFosB: a molecular mediator of long-term neural and behavioral plasticity. <i>Brain Research</i> , 1999 , 835, 10-7	3.7	186
335	Chronic ingestion of ethanol up-regulates NMDAR1 receptor subunit immunoreactivity in rat hippocampus. <i>Journal of Neurochemistry</i> , 1994 , 62, 1635-8	6	185
334	Orexin signaling mediates the antidepressant-like effect of calorie restriction. <i>Journal of Neuroscience</i> , 2008 , 28, 3071-5	6.6	183
333	Regional and cellular mapping of cAMP response element-mediated transcription during naltrexone-precipitated morphine withdrawal. <i>Journal of Neuroscience</i> , 2002 , 22, 3663-72	6.6	182
332	Delta FosB mediates epigenetic desensitization of the c-fos gene after chronic amphetamine exposure. <i>Journal of Neuroscience</i> , 2008 , 28, 7344-9	6.6	181
331	Striatal cell type-specific overexpression of DeltaFosB enhances incentive for cocaine. <i>Journal of Neuroscience</i> , 2003 , 23, 2488-93	6.6	177
330	Circuit-wide Transcriptional Profiling Reveals Brain Region-Specific Gene Networks Regulating Depression Susceptibility. <i>Neuron</i> , 2016 , 90, 969-83	13.9	176
329	Epigenetic Basis of Mental Illness. <i>Neuroscientist</i> , 2016 , 22, 447-63	7.6	175
328	FosB induction in striatal medium spiny neuron subtypes in response to chronic pharmacological, emotional, and optogenetic stimuli. <i>Journal of Neuroscience</i> , 2013 , 33, 18381-95	6.6	172
327	IRS2-Akt pathway in midbrain dopamine neurons regulates behavioral and cellular responses to opiates. <i>Nature Neuroscience</i> , 2007 , 10, 93-9	25.5	171
326	Regulation of cyclic AMP response element-binding protein (CREB) phosphorylation by acute and chronic morphine in the rat locus coeruleus. <i>Journal of Neurochemistry</i> , 1992 , 58, 1168-71	6	171

325	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
324	Regulation of drug reward by cAMP response element-binding protein: evidence for two functionally distinct subregions of the ventral tegmental area. <i>Journal of Neuroscience</i> , 2005 , 25, 5553-62	6.6	164
323	Critical Role of Histone Turnover in Neuronal Transcription and Plasticity. <i>Neuron</i> , 2015 , 87, 77-94	13.9	163
322	Locus-specific epigenetic remodeling controls addiction- and depression-related behaviors. <i>Nature Neuroscience</i> , 2014 , 17, 1720-7	25.5	161
321	Dopaminergic dynamics underlying sex-specific cocaine reward. <i>Nature Communications</i> , 2017 , 8, 13877	17.4	160
320	Induction of the c-fos proto-oncogene during opiate withdrawal in the locus coeruleus and other regions of rat brain. <i>Brain Research</i> , 1990 , 525, 256-66	3.7	160
319	The epigenetic landscape of addiction. <i>Annals of the New York Academy of Sciences</i> , 2011 , 1216, 99-113	6.5	158
318	Granulocyte-colony stimulating factor controls neural and behavioral plasticity in response to cocaine. <i>Nature Communications</i> , 2018 , 9, 9	17.4	151
317	Stress and CRF gate neural activation of BDNF in the mesolimbic reward pathway. <i>Nature Neuroscience</i> , 2014 , 17, 27-9	25.5	151
316	Cocaine dynamically regulates heterochromatin and repetitive element unsilencing in nucleus accumbens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 3035-40	11.5	146
315	Neurotrophic mechanisms in drug addiction. <i>NeuroMolecular Medicine</i> , 2004 , 5, 69-83	4.6	146
314	Cellular basis of memory for addiction. <i>Dialogues in Clinical Neuroscience</i> , 2013 , 15, 431-43	5.7	145
313	BDNF is a negative modulator of morphine action. <i>Science</i> , 2012 , 338, 124-8	33.3	144
312	BosB differentially modulates nucleus accumbens direct and indirect pathway function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 1923-8	11.5	144
311	DeltaFosB accumulates in a GABAergic cell population in the posterior tail of the ventral tegmental area after psychostimulant treatment. <i>European Journal of Neuroscience</i> , 2005 , 21, 2817-24	3.5	143
310	A silent synapse-based mechanism for cocaine-induced locomotor sensitization. <i>Journal of Neuroscience</i> , 2011 , 31, 8163-74	6.6	138
309	Rac1 is essential in cocaine-induced structural plasticity of nucleus accumbens neurons. <i>Nature Neuroscience</i> , 2012 , 15, 891-6	25.5	136
308	Environmental enrichment produces a behavioral phenotype mediated by low cyclic adenosine monophosphate response element binding (CREB) activity in the nucleus accumbens. <i>Biological Psychiatry</i> , 2010 , 67, 28-35	7.9	136

307	Neurobiological sequelae of witnessing stressful events in adult mice. <i>Biological Psychiatry</i> , 2013 , 73, 7-14	7.9	135
306	Neurobiology. Total recall-the memory of addiction. <i>Science</i> , 2001 , 292, 2266-7	33.3	135
305	Molecular control of locus coeruleus neurotransmission. <i>Biological Psychiatry</i> , 1999 , 46, 1131-9	7.9	132
304	Behavioral and structural responses to chronic cocaine require a feedforward loop involving FosB and calcium/calmodulin-dependent protein kinase II in the nucleus accumbens shell. <i>Journal of Neuroscience</i> , 2013 , 33, 4295-307	6.6	131
303	Dopaminergic brain reward regions of Lewis and Fischer rats display different levels of tyrosine hydroxylase and other morphine- and cocaine-regulated phosphoproteins. <i>Brain Research</i> , 1991 , 561, 147-50	3.7	131
302	Role of Tet1 and 5-hydroxymethylcytosine in cocaine action. <i>Nature Neuroscience</i> , 2015 , 18, 536-44	25.5	130
301	AKT signaling within the ventral tegmental area regulates cellular and behavioral responses to stressful stimuli. <i>Biological Psychiatry</i> , 2008 , 64, 691-700	7.9	130
300	Regulation of anxiety and initiation of sexual behavior by CREB in the nucleus accumbens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 8357-62	11.5	130
299	Alterations of the Host Microbiome Affect Behavioral Responses to Cocaine. <i>Scientific Reports</i> , 2016 , 6, 35455	4.9	129
298	Hippocampal-dependent antidepressant-like activity of histone deacetylase inhibition. <i>Neuroscience Letters</i> , 2011 , 493, 122-6	3.3	129
297	Class I HDAC inhibition blocks cocaine-induced plasticity by targeted changes in histone methylation. <i>Nature Neuroscience</i> , 2013 , 16, 434-40	25.5	128
296	Regulation of gene expression by chronic morphine and morphine withdrawal in the locus ceruleus and ventral tegmental area. <i>Journal of Neuroscience</i> , 2005 , 25, 6005-15	6.6	128
295	Role for GDNF in biochemical and behavioral adaptations to drugs of abuse. <i>Neuron</i> , 2000 , 26, 247-57	13.9	127
294	A novel role of the WNT-dishevelled-GSK3 β signaling cascade in the mouse nucleus accumbens in a social defeat model of depression. <i>Journal of Neuroscience</i> , 2011 , 31, 9084-92	6.6	124
293	Behavioral sensitization to cocaine: modulation by the cyclic AMP system in the nucleus accumbens. <i>Brain Research</i> , 1995 , 674, 299-306	3.7	124
292	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
291	The influence of DeltaFosB in the nucleus accumbens on natural reward-related behavior. <i>Journal of Neuroscience</i> , 2008 , 28, 10272-7	6.6	122
290	Epigenetic mechanisms of depression. <i>JAMA Psychiatry</i> , 2014 , 71, 454-6	14.5	120

289	The addicted brain. <i>Scientific American</i> , 2004 , 290, 78-85	0.5	120
288	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. <i>Journal of Neurochemistry</i> , 1992 , 58, 494-502	6	118
287	Induction of nuclear factor-kappaB in nucleus accumbens by chronic cocaine administration. <i>Journal of Neurochemistry</i> , 2001 , 79, 221-4	6	116
286	Effects of striatal FosB overexpression and ketamine on social defeat stress-induced anhedonia in mice. <i>Biological Psychiatry</i> , 2014 , 76, 550-8	7.9	115
285	Epigenetic signaling in psychiatric disorders: stress and depression. <i>Dialogues in Clinical Neuroscience</i> , 2014 , 16, 281-95	5.7	115
284	DeltaFosB induction in orbitofrontal cortex mediates tolerance to cocaine-induced cognitive dysfunction. <i>Journal of Neuroscience</i> , 2007 , 27, 10497-507	6.6	112
283	Epigenetic signaling in psychiatric disorders. <i>Journal of Molecular Biology</i> , 2014 , 426, 3389-412	6.5	111
282	Opposite modulation of opiate withdrawal behaviors on microinfusion of a protein kinase A inhibitor versus activator into the locus coeruleus or periaqueductal gray. <i>Journal of Neuroscience</i> , 1997 , 17, 8520-7	6.6	111
281	Chronic electroconvulsive seizures down-regulate expression of the immediate-early genes c-fos and c-jun in rat cerebral cortex. <i>Journal of Neurochemistry</i> , 1990 , 54, 1920-5	6	111
280	The neural rejuvenation hypothesis of cocaine addiction. <i>Trends in Pharmacological Sciences</i> , 2014 , 35, 374-83	13.2	108
279	FosB: a transcriptional regulator of stress and antidepressant responses. <i>European Journal of Pharmacology</i> , 2015 , 753, 66-72	5.3	108
278	Chronic cocaine-regulated epigenomic changes in mouse nucleus accumbens. <i>Genome Biology</i> , 2014 , 15, R65	18.3	108
277	Use of herpes virus amplicon vectors to study brain disorders. <i>BioTechniques</i> , 2005 , 39, 381-91	2.5	108
276	Establishment of a repeated social defeat stress model in female mice. <i>Scientific Reports</i> , 2017 , 7, 12838	4.9	107
275	The Molecular Basis of Drug Addiction: Linking Epigenetic to Synaptic and Circuit Mechanisms. <i>Neuron</i> , 2019 , 102, 48-59	13.9	106
274	Opposing mechanisms mediate morphine- and cocaine-induced generation of silent synapses. <i>Nature Neuroscience</i> , 2016 , 19, 915-25	25.5	106
273	Essential role of the fosB gene in molecular, cellular, and behavioral actions of chronic electroconvulsive seizures. <i>Journal of Neuroscience</i> , 1998 , 18, 6952-62	6.6	106
272	Induction of deltaFosB in the periaqueductal gray by stress promotes active coping responses. <i>Neuron</i> , 2007 , 55, 289-300	13.9	104

271	Role of cAMP response element-binding protein in the rat locus ceruleus: regulation of neuronal activity and opiate withdrawal behaviors. <i>Journal of Neuroscience</i> , 2006 , 26, 4624-9	6.6	104
270	Elevated basal firing rates and enhanced responses to 8-Br-cAMP in locus coeruleus neurons in brain slices from opiate-dependent rats. <i>European Journal of Pharmacology</i> , 1992 , 211, 47-53	5.3	103
269	Role of DNA methylation in the nucleus accumbens in incubation of cocaine craving. <i>Journal of Neuroscience</i> , 2015 , 35, 8042-58	6.6	102
268	Differential regulation of neurotrophin and trk receptor mRNAs in catecholaminergic nuclei during chronic opiate treatment and withdrawal. <i>Journal of Neuroscience</i> , 1998 , 18, 10700-8	6.6	102
267	Morphine epigenomically regulates behavior through alterations in histone H3 lysine 9 dimethylation in the nucleus accumbens. <i>Journal of Neuroscience</i> , 2012 , 32, 17454-64	6.6	101
266	Enduring deficits in brain reward function after chronic social defeat in rats: susceptibility, resilience, and antidepressant response. <i>Biological Psychiatry</i> , 2014 , 76, 542-9	7.9	100
265	Tropomyosin-related kinase B in the mesolimbic dopamine system: region-specific effects on cocaine reward. <i>Biological Psychiatry</i> , 2009 , 65, 696-701	7.9	100
264	Role for mTOR signaling and neuronal activity in morphine-induced adaptations in ventral tegmental area dopamine neurons. <i>Neuron</i> , 2011 , 72, 977-90	13.9	99
263	Induction of cyclin-dependent kinase 5 in the hippocampus by chronic electroconvulsive seizures: role of [Delta]FosB. <i>Journal of Neuroscience</i> , 2000 , 20, 8965-71	6.6	94
262	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
261	Overexpression of CREB in the nucleus accumbens shell increases cocaine reinforcement in self-administering rats. <i>Journal of Neuroscience</i> , 2011 , 31, 16447-57	6.6	93
260	Role of nuclear factor kappaB in ovarian hormone-mediated stress hypersensitivity in female mice. <i>Biological Psychiatry</i> , 2009 , 65, 874-80	7.9	93
259	DeltaFosB in the nucleus accumbens regulates food-reinforced instrumental behavior and motivation. <i>Journal of Neuroscience</i> , 2006 , 26, 9196-204	6.6	90
258	Neuroanatomic Differences Associated With Stress Susceptibility and Resilience. <i>Biological Psychiatry</i> , 2016 , 79, 840-849	7.9	89
257	DNA methyltransferase DNMT3a contributes to neuropathic pain by repressing Kcna2 in primary afferent neurons. <i>Nature Communications</i> , 2017 , 8, 14712	17.4	89
256	Natural and drug rewards act on common neural plasticity mechanisms with FosB as a key mediator. <i>Journal of Neuroscience</i> , 2013 , 33, 3434-42	6.6	88
255	The methyltransferase SETDB1 regulates a large neuron-specific topological chromatin domain. <i>Nature Genetics</i> , 2017 , 49, 1239-1250	36.3	88
254	Proenkephalin mediates the enduring effects of adolescent cannabis exposure associated with adult opiate vulnerability. <i>Biological Psychiatry</i> , 2012 , 72, 803-10	7.9	88

253	SIRT1 Mediates Depression-Like Behaviors in the Nucleus Accumbens. <i>Journal of Neuroscience</i> , 2016 , 36, 8441-52	6.6	88
252	Epigenetic mechanisms of drug addiction. <i>Current Opinion in Neurobiology</i> , 2013 , 23, 521-8	7.6	86
251	A beta3-adrenergic-leptin-melanocortin circuit regulates behavioral and metabolic changes induced by chronic stress. <i>Biological Psychiatry</i> , 2010 , 67, 1075-82	7.9	86
250	Transcriptional mechanisms of drug addiction. <i>Clinical Psychopharmacology and Neuroscience</i> , 2012 , 10, 136-43	3.4	86
249	Neurobiology of Resilience: Interface Between Mind and Body. <i>Biological Psychiatry</i> , 2019 , 86, 410-420	7.9	85
248	Incubation of methamphetamine craving is associated with selective increases in expression of Bdnf and trkb, glutamate receptors, and epigenetic enzymes in cue-activated fos-expressing dorsal striatal neurons. <i>Journal of Neuroscience</i> , 2015 , 35, 8232-44	6.6	85
247	Region-specific induction of deltaFosB by repeated administration of typical versus atypical antipsychotic drugs. <i>Synapse</i> , 1999 , 33, 118-28	2.4	84
246	Chronic ethanol administration regulates the expression of GABAA receptor alpha 1 and alpha 5 subunits in the ventral tegmental area and hippocampus. <i>Journal of Neurochemistry</i> , 1997 , 68, 121-7	6	83
245	Biochemical adaptations in the mesolimbic dopamine system in response to heroin self-administration. <i>Synapse</i> , 1995 , 21, 312-8	2.4	83
244	Neural Substrates of Depression and Resilience. <i>Neurotherapeutics</i> , 2017 , 14, 677-686	6.4	82
243	Subregional, dendritic compartment, and spine subtype specificity in cocaine regulation of dendritic spines in the nucleus accumbens. <i>Journal of Neuroscience</i> , 2012 , 32, 6957-66	6.6	82
242	Histone acetylation in drug addiction. <i>Seminars in Cell and Developmental Biology</i> , 2009 , 20, 387-94	7.5	82
241	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
240	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
239	Cocaine Self-administration Alters Transcriptome-wide Responses in the Brain's Reward Circuitry. <i>Biological Psychiatry</i> , 2018 , 84, 867-880	7.9	80
238	Essential role of SIRT1 signaling in the nucleus accumbens in cocaine and morphine action. <i>Journal of Neuroscience</i> , 2013 , 33, 16088-98	6.6	80
237	Nerve impulses increase the phosphorylation state of protein I in rabbit superior cervical ganglion. <i>Nature</i> , 1982 , 296, 452-4	50.4	80
236	From synapse to nucleus: novel targets for treating depression. <i>Neuropharmacology</i> , 2010 , 58, 683-93	5.5	79

235	Altered sensitivity to rewarding and aversive drugs in mice with inducible disruption of cAMP response element-binding protein function within the nucleus accumbens. <i>Journal of Neuroscience</i> , 2009 , 29, 1855-9	6.6	79
234	Molecular neurobiology of drug addiction. <i>Neuropsychopharmacology</i> , 1994 , 11, 77-87	8.7	79
233	Nucleus accumbens dopamine mediates amphetamine-induced impairment of social bonding in a monogamous rodent species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 1217-22	11.5	78
232	Methyl supplementation attenuates cocaine-seeking behaviors and cocaine-induced c-Fos activation in a DNA methylation-dependent manner. <i>Journal of Neuroscience</i> , 2015 , 35, 8948-58	6.6	77
231	Epigenetic basis of opiate suppression of Bdnf gene expression in the ventral tegmental area. <i>Nature Neuroscience</i> , 2015 , 18, 415-22	25.5	77
230	Striatal overexpression of DeltaJunD resets L-DOPA-induced dyskinesia in a primate model of Parkinson disease. <i>Biological Psychiatry</i> , 2009 , 66, 554-61	7.9	76
229	Regulation of CRE-mediated transcription in mouse brain by amphetamine. <i>Synapse</i> , 2003 , 48, 10-7	2.4	76
228	Analytical tools and current challenges in the modern era of neuroepigenomics. <i>Nature Neuroscience</i> , 2014 , 17, 1476-90	25.5	75
227	Opiate-induced molecular and cellular plasticity of ventral tegmental area and locus coeruleus catecholamine neurons. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2012 , 2, a012070	5.4	75
226	Fluoxetine epigenetically alters the CaMKII β promoter in nucleus accumbens to regulate FosB binding and antidepressant effects. <i>Neuropsychopharmacology</i> , 2014 , 39, 1178-86	8.7	74
225	Inhibition of Cdk5 in the nucleus accumbens enhances the locomotor-activating and incentive-motivational effects of cocaine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 4147-52	11.5	74
224	Loss of BDNF signaling in D1R-expressing NAc neurons enhances morphine reward by reducing GABA inhibition. <i>Neuropsychopharmacology</i> , 2014 , 39, 2646-53	8.7	73
223	Serum response factor promotes resilience to chronic social stress through the induction of DeltaFosB. <i>Journal of Neuroscience</i> , 2010 , 30, 14585-92	6.6	72
222	Extracellular signal-regulated kinase-2 within the ventral tegmental area regulates responses to stress. <i>Journal of Neuroscience</i> , 2010 , 30, 7652-63	6.6	72
221	Increased impulsivity during withdrawal from cocaine self-administration: role for DeltaFosB in the orbitofrontal cortex. <i>Cerebral Cortex</i> , 2009 , 19, 435-44	5.1	72
220	Regulation of DeltaFosB stability by phosphorylation. <i>Journal of Neuroscience</i> , 2006 , 26, 5131-42	6.6	72
219	SIRT1-FOXO3a regulate cocaine actions in the nucleus accumbens. <i>Journal of Neuroscience</i> , 2015 , 35, 3100-11	6.6	71
218	Induction of activating transcription factors (ATFs) ATF2, ATF3, and ATF4 in the nucleus accumbens and their regulation of emotional behavior. <i>Journal of Neuroscience</i> , 2008 , 28, 2025-32	6.6	70

217	Brain-wide Electrical Spatiotemporal Dynamics Encode Depression Vulnerability. <i>Cell</i> , 2018 , 173, 166-180	6.14	69
216	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
215	Endogenous ADP-ribosylation in brain: initial characterization of substrate proteins. <i>Journal of Neurochemistry</i> , 1991 , 57, 2124-32	6	68
214	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
213	ACF chromatin-remodeling complex mediates stress-induced depressive-like behavior. <i>Nature Medicine</i> , 2015 , 21, 1146-53	50.5	66
212	G9a influences neuronal subtype specification in striatum. <i>Nature Neuroscience</i> , 2014 , 17, 533-9	25.5	66
211	Regulation of GluR2 promoter activity by neurotrophic factors via a neuron-restrictive silencer element. <i>European Journal of Neuroscience</i> , 2000 , 12, 1525-33	3.5	66
210	Regulation of chromatin states by drugs of abuse. <i>Current Opinion in Neurobiology</i> , 2015 , 30, 112-21	7.6	65
209	Epigenetics: Stress makes its molecular mark. <i>Nature</i> , 2012 , 490, 171-2	50.4	65
208	Chromatin regulation in drug addiction and depression. <i>Dialogues in Clinical Neuroscience</i> , 2009 , 11, 257-68	6.8	65
207	Proteasome-dependent and -independent mechanisms for FosB destabilization: identification of FosB degron domains and implications for DeltaFosB stability. <i>European Journal of Neuroscience</i> , 2007 , 25, 3009-19	3.5	64
206	Epigenetic Mechanisms of Opioid Addiction. <i>Biological Psychiatry</i> , 2020 , 87, 22-33	7.9	62
205	CREB modulates the functional output of nucleus accumbens neurons: a critical role of N-methyl-D-aspartate glutamate receptor (NMDAR) receptors. <i>Journal of Biological Chemistry</i> , 2008 , 283, 2751-60	5.4	61
204	The critical importance of basic animal research for neuropsychiatric disorders. <i>Neuropsychopharmacology</i> , 2019 , 44, 1349-1353	8.7	60
203	Estrogen receptor α drives pro-resilient transcription in mouse models of depression. <i>Nature Communications</i> , 2018 , 9, 1116	17.4	59
202	Serum response factor and cAMP response element binding protein are both required for cocaine induction of FosB. <i>Journal of Neuroscience</i> , 2012 , 32, 7577-84	6.6	59
201	Delta FosB-mediated alterations in dopamine signaling are normalized by a palatable high-fat diet. <i>Biological Psychiatry</i> , 2008 , 64, 941-50	7.9	59
200	Induction of inducible cAMP early repressor expression in nucleus accumbens by stress or amphetamine increases behavioral responses to emotional stimuli. <i>Journal of Neuroscience</i> , 2006 , 26, 8235-42	6.6	59

199	Herpes Simplex Virus-Mediated Gene Transfer As a Tool for Neuropsychiatric Research. <i>Critical Reviews in Neurobiology</i> , 2000 , 14, 20		59
198	Early life stress alters transcriptomic patterning across reward circuitry in male and female mice. <i>Nature Communications</i> , 2019 , 10, 5098	17.4	58
197	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
196	Striatal regulation of FosB, FosB, and cFos during cocaine self-administration and withdrawal. <i>Journal of Neurochemistry</i> , 2010 , 115, 112-22	6	56
195	Regulation of fosB and DeltafosB mRNA expression: in vivo and in vitro studies. <i>Brain Research</i> , 2007 , 1143, 22-33	3.7	56
194	Phospholipase Cgamma in distinct regions of the ventral tegmental area differentially modulates mood-related behaviors. <i>Journal of Neuroscience</i> , 2003 , 23, 7569-76	6.6	56
193	In Vivo Fiber Photometry Reveals Signature of Future Stress Susceptibility in Nucleus Accumbens. <i>Neuropsychopharmacology</i> , 2018 , 43, 255-263	8.7	55
192	Understanding the epigenetic basis of sex differences in depression. <i>Journal of Neuroscience Research</i> , 2017 , 95, 692-702	4.4	55
191	Inducible and brain region-specific CREB transgenic mice. <i>Molecular Pharmacology</i> , 2002 , 61, 1453-64	4.3	54
190	Role of the Brain's Reward Circuitry in Depression: Transcriptional Mechanisms. <i>International Review of Neurobiology</i> , 2015 , 124, 151-70	4.4	53
189	Epigenetic mechanisms in psychiatry. <i>Biological Psychiatry</i> , 2009 , 65, 189-90	7.9	53
188	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
187	Bidirectional Synaptic Structural Plasticity after Chronic Cocaine Administration Occurs through Rap1 Small GTPase Signaling. <i>Neuron</i> , 2016 , 89, 566-82	13.9	52
186	The role of ventral striatal cAMP signaling in stress-induced behaviors. <i>Nature Neuroscience</i> , 2015 , 18, 1094-100	25.5	50
185	Neuroepigenetics and addiction. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2018 , 148, 747-765	3	50
184	Differential induction of FosB isoforms throughout the brain by fluoxetine and chronic stress. <i>Neuropharmacology</i> , 2015 , 99, 28-37	5.5	49
183	Mapping brain metabolic connectivity in awake rats with PET and optogenetic stimulation. <i>Journal of Neuroscience</i> , 2013 , 33, 6343-9	6.6	49
182	Essential role of the cAMP-response-element binding protein pathway in opiate-induced homeostatic adaptations of locus coeruleus neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 17011-6	11.5	49

181	Transgenerational Epigenetic Contributions to Stress Responses: Fact or Fiction?. <i>PLoS Biology</i> , 2016 , 14, e1002426	9.7	49
180	Hippocampal HDAC4 contributes to postnatal fluoxetine-evoked depression-like behavior. <i>Neuropsychopharmacology</i> , 2014 , 39, 2221-32	8.7	48
179	Influence of cocaine on the JAK-STAT pathway in the mesolimbic dopamine system. <i>Journal of Neuroscience</i> , 1996 , 16, 8019-26	6.6	48
178	Potential utility of optogenetics in the study of depression. <i>Biological Psychiatry</i> , 2012 , 71, 1068-74	7.9	47
177	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
176	Molecular and functional analysis of hyperpolarization-activated pacemaker channels in the hippocampus after entorhinal cortex lesion. <i>FASEB Journal</i> , 2001 , 15, 2689-701	0.9	46
175	Sex-Specific Role for the Long Non-coding RNA LINC00473 in Depression. <i>Neuron</i> , 2020 , 106, 912-926.e513,9		46
174	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
173	Early life social stress induced changes in depression and anxiety associated neural pathways which are correlated with impaired maternal care. <i>Neuropeptides</i> , 2015 , 52, 103-11	3.3	45
172	Progress in Epigenetics of Depression. <i>Progress in Molecular Biology and Translational Science</i> , 2018 , 157, 41-66	4	45
171	Essential role of poly(ADP-ribosyl)ation in cocaine action. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 2005-10	11.5	44
170	BosB 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
169	Epigenetic suppression of hippocampal calbindin-D28k by BosB drives seizure-related cognitive deficits. <i>Nature Medicine</i> , 2017 , 23, 1377-1383	50.5	42
168	Chronic administration of lithium or other antidepressants increases levels of DARPP-32 in rat frontal cortex. <i>Journal of Neurochemistry</i> , 1992 , 59, 1164-7	6	41
167	Orexin signaling in GABAergic lateral habenula neurons modulates aggressive behavior in male mice. <i>Nature Neuroscience</i> , 2020 , 23, 638-650	25.5	40
166	Unraveling the epigenetic landscape of depression: focus on early life stress?. <i>Dialogues in Clinical Neuroscience</i> , 2019 , 21, 341-357	5.7	39
165	Drug experience epigenetically primes Fosb gene inducibility in rat nucleus accumbens. <i>Journal of Neuroscience</i> , 2012 , 32, 10267-72	6.6	38
164	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

163	Epigenetics and addiction. <i>Current Opinion in Neurobiology</i> , 2019 , 59, 128-136	7.6	37
162	CRACKing the histone code: cocaine's effects on chromatin structure and function. <i>Hormones and Behavior</i> , 2011 , 59, 321-30	3.7	37
161	Increased cyclic GMP levels associated with contraction in muscle fibres of the giant barnacle. <i>Nature</i> , 1977 , 267, 534-6	50.4	37
160	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
159	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
158	Viral tools for neuroscience. <i>Nature Reviews Neuroscience</i> , 2020 , 21, 669-681	13.5	36
157	Tet1 in Nucleus Accumbens Opposes Depression- and Anxiety-Like Behaviors. <i>Neuropsychopharmacology</i> , 2017 , 42, 1657-1669	8.7	35
156	Stress resilience is promoted by a Zfp189-driven transcriptional network in prefrontal cortex. <i>Nature Neuroscience</i> , 2019 , 22, 1413-1423	25.5	35
155	Regulation of phospholipase Cgamma in the mesolimbic dopamine system by chronic morphine administration. <i>Journal of Neurochemistry</i> , 1999 , 73, 1520-8	6	35
154	Regulation of neuronal nitric oxide synthase by chronic ethanol ingestion. <i>Synapse</i> , 1995 , 21, 93-5	2.4	35
153	Fosb gene products contribute to excitotoxic microglial activation by regulating the expression of complement C5a receptors in microglia. <i>Glia</i> , 2014 , 62, 1284-98	9	34
152	FosB enhances the rewarding effects of cocaine while reducing the pro-depressive effects of the kappa-opioid receptor agonist U50488. <i>Biological Psychiatry</i> , 2012 , 71, 44-50	7.9	34
151	AMPA antagonist LY293558 blocks the development, without blocking the expression, of behavioral sensitization to morphine. <i>Synapse</i> , 1999 , 31, 256-62	2.4	34
150	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
149	Long-term haloperidol administration enhances and short-term administration attenuates the behavioral effects of cocaine in a place conditioning procedure. <i>Psychopharmacology</i> , 1996 , 128, 304-12	4.7	33
148	Shared Transcriptional Signatures in Major Depressive Disorder and Mouse Chronic Stress Models. <i>Biological Psychiatry</i> , 2020 , 88, 159-168	7.9	32
147	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
146	Multidimensional Predictors of Susceptibility and Resilience to Social Defeat Stress. <i>Biological Psychiatry</i> , 2019 , 86, 483-491	7.9	32

145	Overexpression of DeltaFosB in nucleus accumbens mimics the protective addiction phenotype, but not the protective depression phenotype of environmental enrichment. <i>Frontiers in Behavioral Neuroscience</i> , 2014 , 8, 297	3.5	32
144	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
143	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	31
142	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
141	Methylation in OTX2 and related genes, maltreatment, and depression in children. <i>Neuropsychopharmacology</i> , 2018 , 43, 2204-2211	8.7	31
140	Silent synapses dictate cocaine memory destabilization and reconsolidation. <i>Nature Neuroscience</i> , 2020 , 23, 32-46	25.5	31
139	Role of Mesolimbic Brain-Derived Neurotrophic Factor in Depression. <i>Biological Psychiatry</i> , 2019 , 86, 738-748	7.9	30
138	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
137	DeltaFosB induction in orbitofrontal cortex potentiates locomotor sensitization despite attenuating the cognitive dysfunction caused by cocaine. <i>Pharmacology Biochemistry and Behavior</i> , 2009 , 93, 278-84	3.9	30
136	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
135	Repressive epigenetic changes at the mGlu2 promoter in frontal cortex of 5-HT2A knockout mice. <i>Molecular Pharmacology</i> , 2013 , 83, 1166-75	4.3	29
134	β and βAdrenergic Receptor-Mediated Mesolimbic Homeostatic Plasticity Confers Resilience to Social Stress in Susceptible Mice. <i>Biological Psychiatry</i> , 2019 , 85, 226-236	7.9	29
133	Activator Protein-1: redox switch controlling structure and DNA-binding. <i>Nucleic Acids Research</i> , 2017 , 45, 11425-11436	20.1	28
132	Alterations in nitric oxide-stimulated endogenous ADP-ribosylation associated with long-term potentiation in rat hippocampus. <i>Journal of Neurochemistry</i> , 1993 , 61, 1542-5	6	28
131	Cell type-specific regulation of CREB gene expression: mutational analysis of CREB promoter activity. <i>Journal of Neurochemistry</i> , 1998 , 71, 1865-74	6	27
130	Nicotinic cholinergic stimulation increases cyclic GMP levels in vertebrate skeletal muscle. <i>Nature</i> , 1978 , 275, 451-3	50.4	26
129	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
128	Gadd45b mediates depressive-like role through DNA demethylation. <i>Scientific Reports</i> , 2019 , 9, 4615	4.9	25

127	Phylogenetic survey of proteins related to synapsin I and biochemical analysis of four such proteins from fish brain. <i>Journal of Neurochemistry</i> , 1985 , 45, 63-72	6	25
126	Role of Dorsal Striatum Histone Deacetylase 5 in Incubation of Methamphetamine Craving. <i>Biological Psychiatry</i> , 2018 , 84, 213-222	7.9	24
125	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
124	Cell-type specific expression of p11 controls cocaine reward. <i>Biological Psychiatry</i> , 2014 , 76, 794-801	7.9	24
123	FosB is essential for the enhancement of stress tolerance and antagonizes locomotor sensitization by FosB. <i>Biological Psychiatry</i> , 2011 , 70, 487-95	7.9	24
122	Phf8 loss confers resistance to depression-like and anxiety-like behaviors in mice. <i>Nature Communications</i> , 2017 , 8, 15142	17.4	23
121	Meeting Report: Can We Make Animal Models of Human Mental Illness?. <i>Biological Psychiatry</i> , 2018 , 84, 542-545	7.9	23
120	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
119	Dimerization and DNA-binding properties of the transcription factor DeltaFosB. <i>Biochemistry</i> , 2007 , 46, 8360-72	3.2	23
118	Regulation of DeltaFosB transcriptional activity by Ser27 phosphorylation. <i>European Journal of Neuroscience</i> , 2007 , 25, 224-30	3.5	23
117	MiR-218: a molecular switch and potential biomarker of susceptibility to stress. <i>Molecular Psychiatry</i> , 2020 , 25, 951-964	15.1	23
116	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
115	In vivo locus-specific editing of the neuroepigenome. <i>Nature Reviews Neuroscience</i> , 2020 , 21, 471-484	13.5	22
114	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
113	Gene Network Dysregulation in Dorsolateral Prefrontal Cortex Neurons of Humans with Cocaine Use Disorder. <i>Scientific Reports</i> , 2017 , 7, 5412	4.9	21
112	Small molecule screening identifies regulators of the transcription factor FosB. <i>ACS Chemical Neuroscience</i> , 2012 , 3, 546-56	5.7	20
111	Cocaine Triggers Astrocyte-Mediated Synaptogenesis. <i>Biological Psychiatry</i> , 2021 , 89, 386-397	7.9	20
110	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

109	Threonine 149 phosphorylation enhances FosB transcriptional activity to control psychomotor responses to cocaine. <i>Journal of Neuroscience</i> , 2014 , 34, 11461-9	6.6	18
108	Regulation of endogenous ADP-ribosylation by acute and chronic lithium in rat brain. <i>Journal of Neurochemistry</i> , 1995 , 64, 2319-24	6	18
107	Identification of MARPP (14-20), morphine- and cyclic AMP-regulated phosphoproteins of 14-20 kDa, as myelin basic proteins: evidence for their acute and chronic regulation by morphine in rat brain. <i>Brain Research</i> , 1990 , 516, 57-65	3.7	18
106	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, 971-987	8.7	18
105	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
104	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
103	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
102	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
101	Paternal transgenerational epigenetic mechanisms mediating stress phenotypes of offspring. <i>European Journal of Neuroscience</i> , 2021 , 53, 271-280	3.5	17
100	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
99	Regulation of impulsive and aggressive behaviours by a novel lncRNA. <i>Molecular Psychiatry</i> , 2021 , 26, 3751-3764	15.1	16
98	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
97	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
96	Self-administration of ethanol, cocaine, or nicotine does not decrease the soma size of ventral tegmental area dopamine neurons. <i>PLoS ONE</i> , 2014 , 9, e95962	3.7	15
95	Downregulation of the CCAAT-enhancer binding protein beta in deltaFosB transgenic mice and by electroconvulsive seizures. <i>Neuropsychopharmacology</i> , 2004 , 29, 23-31	8.7	15
94	Chronic imipramine administration alters the activity and phosphorylation state of tyrosine hydroxylase in dopaminergic regions of rat brain. <i>Neuropsychopharmacology</i> , 1995 , 12, 113-21	8.7	15
93	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
92	FosB induction in prefrontal cortex by antipsychotic drugs is associated with negative behavioral outcomes. <i>Neuropsychopharmacology</i> , 2014 , 39, 538-44	8.7	14

91	Treating the brain deep down: Brain surgery for anorexia nervosa?. <i>Nature Medicine</i> , 2013 , 19, 678-9	50.5	14
90	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
89	Epigenetic Priming in Drug Addiction. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2018 , 83, 131-139	3.9	14
88	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
87	Effect of FosB overexpression on opioid and cannabinoid receptor-mediated signaling in the nucleus accumbens. <i>Neuropharmacology</i> , 2011 , 61, 1470-6	5.5	13
86	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
85	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
84	Cooperative synaptic and intrinsic plasticity in a disinaptic limbic circuit drive stress-induced anhedonia and passive coping in mice. <i>Molecular Psychiatry</i> , 2021 , 26, 1860-1879	15.1	12
83	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
82	Neuroepigenetic Editing. <i>Methods in Molecular Biology</i> , 2018 , 1767, 113-136	1.4	12
81	FOSB proteins in the orbitofrontal and dorsolateral prefrontal cortices of human alcoholics. <i>Addiction Biology</i> , 2009 , 14, 294-7	4.6	12
80	Regulation of BAZ1A and nucleosome positioning in the nucleus accumbens in response to cocaine. <i>Neuroscience</i> , 2017 , 353, 1-6	3.9	11
79	Biology and Bias in Cell Type-Specific RNAseq of Nucleus Accumbens Medium Spiny Neurons. <i>Scientific Reports</i> , 2019 , 9, 8350	4.9	11
78	Role of Long Noncoding RNA Gas5 in Cocaine Action. <i>Biological Psychiatry</i> , 2020 , 88, 758-766	7.9	11
77	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
76	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
75	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
74	Viral labeling of neurons synaptically connected to nucleus accumbens somatostatin interneurons. <i>PLoS ONE</i> , 2019 , 14, e0213476	3.7	10

73	The origins of molecular psychiatry. <i>Journal of Molecular Psychiatry</i> , 2013 , 1, 3		10
72	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
71	Dopaminergic Regulation of Nucleus Accumbens Cholinergic Interneurons Demarcates Susceptibility to Cocaine Addiction. <i>Biological Psychiatry</i> , 2020 , 88, 746-757	7.9	9
70	Regulation of neuronal PLCgamma by chronic morphine. <i>Brain Research</i> , 2007 , 1156, 9-20	3.7	9
69	The molecular basis for sex differences in depression susceptibility. <i>Current Opinion in Behavioral Sciences</i> , 2018 , 23, 1-6	4	8
68	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
67	Delta FosB and AP-1-mediated transcription modulate cannabinoid CB1receptor signaling and desensitization in striatal and limbic brain regions. <i>Biochemical Pharmacology</i> , 2014 , 91, 380-9	6	7
66	Molecular, Cellular, and Circuit Basis of Depression Susceptibility and Resilience 2019 , 123-136		7
65	Induction in Nucleus Accumbens by Cocaine Is Regulated by E2F3a. <i>ENeuro</i> , 2019 , 6,	3.9	6
64	Adolescent Social Isolation Reprograms the Medial Amygdala: Transcriptome and Sex Differences in Reward		6
63	miR-218 in Adolescence Predicts and Mediates Vulnerability to Stress. <i>Biological Psychiatry</i> , 2021 , 89, 911-919	7.9	6
62	Drug-activated cells: From immediate early genes to neuronal ensembles in addiction. <i>Advances in Pharmacology</i> , 2021 , 90, 173-216	5.7	6
61	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
60	Key transcription factors mediating cocaine-induced plasticity in the nucleus accumbens. <i>Molecular Psychiatry</i> , 2021 ,	15.1	5
59	A novel role for E2F3b in regulating cocaine action in the prefrontal cortex. <i>Neuropsychopharmacology</i> , 2019 , 44, 776-784	8.7	5
58	The Role of Deimination in Regenerative Reprogramming of Neurons. <i>Molecular Neurobiology</i> , 2019 , 56, 2618-2639	6.2	4
57	Human Transcriptome and Chromatin Modifications: An ENCODE Perspective. <i>Genomics and Informatics</i> , 2013 , 11, 60-7	1.9	4
56	Astrocytes in cocaine addiction and beyond. <i>Molecular Psychiatry</i> , 2021 ,	15.1	4

55	The role of FosB in the medial preoptic area: Differential effects of mating and cocaine history. <i>Behavioral Neuroscience</i> , 2016 , 130, 469-78	2.1	4
54	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
53	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
52	AMPA and NMDA Receptor Trafficking at Cocaine-Generated Synapses. <i>Journal of Neuroscience</i> , 2021 , 41, 1996-2011	6.6	4
51	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
50	Effects of gaboxadol on the expression of cocaine sensitization in rats. <i>Experimental and Clinical Psychopharmacology</i> , 2016 , 24, 131-41	3.2	3
49	DeltaFosB indirectly regulates Cck promoter activity. <i>Brain Research</i> , 2010 , 1329, 10-20	3.7	3
48	PSMC5, a 19S Proteasomal ATPase, Regulates Cocaine Action in the Nucleus Accumbens. <i>PLoS ONE</i> , 2015 , 10, e0126710	3.7	3
47	Multi-OMIC analysis of brain and serum from chronically-stressed mice reveals network disruptions in purine metabolism, fatty acid beta-oxidation, and antioxidant activity that are reversed by antidepressant treatment		3
46	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
45	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
44	Sperm transcriptional state associated with paternal transmission of stress phenotypes. <i>Journal of Neuroscience</i> , 2021 ,	6.6	3
43	Vitamin D deficiency exacerbates UV/endorphin and opioid addiction. <i>Science Advances</i> , 2021 , 7,	14.3	3
42	Computational Analysis of Multidimensional Behavioral Alterations After Chronic Social Defeat Stress. <i>Biological Psychiatry</i> , 2021 , 89, 920-928	7.9	3
41	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
40	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
39	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
38	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

37	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
36	Epigenetic signatures of chronic social stress in stress-susceptible animals		2
35	Generation and validation of a floxed FosB mouse line		2
34	Cocaine Triggers Glial-Mediated Synaptogenesis		2
33	Orexin signaling in GABAergic lateral habenula neurons modulates aggressive behavior		2
32	Methylation of the tyrosine hydroxylase gene is dysregulated by cocaine dependence in the human striatum. <i>iScience</i> , 2021 , 24, 103169	6.1	2
31	Beyond the neuron: Role of non-neuronal cells in stress disorders.. <i>Neuron</i> , 2022 ,	13.9	2
30	Personal reflections on a mentor extraordinaire: Paul Greengard, Ph.D. (1925-2019). <i>Neuropsychopharmacology</i> , 2019 , 44, 1837-1838	8.7	1
29	Drug Addiction and Reward 2013 , 173-195		1
28	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
27	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
26	MiR-218: A Molecular Switch and Potential Biomarker of Susceptibility to Stress		1
25	Epigenetic Mechanisms of Drug Addiction. <i>Research and Perspectives in Neurosciences</i> , 2012 , 145-160		1
24	Biology and Bias in Cell Type-Specific RNAseq of Nucleus Accumbens Medium Spiny Neurons		1
23	Molecular characterization of the resilient brain 2020 , 209-231		1
22	Self-assembly of the bZIP transcription factor FosB. <i>Current Research in Structural Biology</i> , 2020 , 2, 1-13	2.8	1
21	Long read, isoform aware sequencing of mouse nucleus accumbens after chronic cocaine treatment. <i>Scientific Reports</i> , 2021 , 11, 6729	4.9	1
20	Integration of evidence across human and model organism studies: A meeting report. <i>Genes, Brain and Behavior</i> , 2021 , 20, e12738	3.6	1

19	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
18	Sex-Specific Role for SLIT1 in Regulating Stress Susceptibility. <i>Biological Psychiatry</i> , 2022 , 91, 81-91	7.9	1
17	Region-specific induction of FosB by repeated administration of typical versus atypical antipsychotic drugs 1999 , 33, 118		1
16	Midbrain projection to the basolateral amygdala encodes anxiety-like but not depression-like behaviors.. <i>Nature Communications</i> , 2022 , 13, 1532	17.4	1
15	Neurodegenerative dementias: connecting psychiatry and neurology through a shared neurobiology. <i>Biological Psychiatry</i> , 2014 , 75, 518-9	7.9	0
14	Biological Psychiatry and Biological Psychiatry: Cognitive Neuroscience and Neuroimaging Adopt Neuroscience-Based Nomenclature. <i>Biological Psychiatry</i> , 2016 , 80, 2-3	7.9	0
13	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
12	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	
11	Neuroepigenomics and Human Disease 2016 , 73-91		
10	Planning the new national institute on substance use and addiction disorders. <i>Biological Psychiatry</i> , 2012 , 72, 166-7	7.9	
9	Epigenetic mechanisms in drug addiction and depression 79-89		
8	Inducible Genetic Tools for CNS Drug Discovery. <i>CNS Neuroscience & Therapeutics</i> , 2006 , 5, 17-17		
7	RGS9-2 differentially regulates adenylyl cyclase signaling by opioid and cannabinoid receptors in the mouse CNS. <i>FASEB Journal</i> , 2008 , 22, 712.10	0.9	
6	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	
5	CREB regulation of the CART gene in the rat nucleus accumbens and GH3 cultured cells. <i>FASEB Journal</i> , 2010 , 24, 578.1	0.9	
4	Repeated cannabinoid administration induces FosB and sensitizes mu opioid receptor activity in the nucleus accumbens. <i>FASEB Journal</i> , 2013 , 27, 1096.6	0.9	
3	Ronald S. Duman (1954-2020): In Memoriam. <i>Biological Psychiatry</i> , 2021 , 90, 72-73	7.9	
2	Translational Neuroscience in Clinical Psychiatry 2016 , 18-23		

- 1 Teenage drinking and adult neuropsychiatric disorders: An epigenetic connection.. *Science Advances* , 2022, 8, eabq5934 14.3