

# Structural plasticity associated with exposure to drugs

Neuropharmacology

47, 33-46

DOI: [10.1016/j.neuropharm.2004.06.025](https://doi.org/10.1016/j.neuropharm.2004.06.025)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Stimulants and psychosis. , 0, , 127-140.		0
2	BEHAVIORAL PERSPECTIVES ON THE NEUROSCIENCE OF DRUG ADDICTION. Journal of the Experimental Analysis of Behavior, 2005, 84, 667-681.	0.8	42
3	Psychostimulants, Madness, Memory... and RGS Proteins?. NeuroMolecular Medicine, 2005, 7, 101-128.	1.8	12
5	Addiction and its brain science. Addiction, 2005, 100, 1813-1822.	1.7	73
6	Is there a common molecular pathway for addiction?. Nature Neuroscience, 2005, 8, 1445-1449.	7.1	1,200
7	Repeated cocaine exposure in vivo facilitates LTP induction in midbrain dopamine neurons. Nature, 2005, 437, 1027-1031.	13.7	524
8	Behavioral and neural mechanisms of compulsive drug seeking. European Journal of Pharmacology, 2005, 526, 77-88.	1.7	112
9	Novel pharmacotherapeutic targets for the management of drug addiction. European Journal of Pharmacology, 2005, 526, 101-112.	1.7	35
10	Opioids and addiction: Emerging pharmaceutical strategies for reducing reward and opponent processes. Clinical Neuroscience Research, 2005, 5, 103-115.	0.8	14
11	Acute and repeated administration of cocaine differentially regulates expression of PSA-NCAM-positive neurons in the rat hippocampus. Brain Research, 2005, 1055, 149-155.	1.1	34
12	The effect of "binge" cocaine administration on the expression of cyclin-dependent kinase 5 and its activator p35 in various regions of rat brain. Brain Research, 2005, 1063, 195-200.	1.1	7
13	Increased AMPA GluR1 receptor subunit labeling on the plasma membrane of dendrites in the basolateral amygdala of rats self-administering morphine. Synapse, 2005, 58, 1-12.	0.6	53
14	Extended cocaine self-administration and deprivation produces region-specific and time-dependent changes in connexin36 expression in rat brain. Synapse, 2005, 58, 141-150.	0.6	22
15	The "Ups and Downs" of Signaling Cascades in Addiction. Science Signaling, 2005, 2005, re14-re14.	1.6	83
16	Chronic Morphine Up-Regulates G $\alpha$ 12 and Cytoskeletal Proteins in Chinese Hamster Ovary Cells Expressing the Cloned $\mu$ Opioid Receptor. Journal of Pharmacology and Experimental Therapeutics, 2005, 315, 248-255.	1.3	14
17	Enhancement of auditory fear conditioning after housing in a complex environment is attenuated by prior treatment with amphetamine. Learning and Memory, 2005, 12, 553-556.	0.5	12
18	Selective Disruption of Nucleus Accumbens Gating Mechanisms in Rats Behaviorally Sensitized to Methamphetamine. Journal of Neuroscience, 2005, 25, 6687-6695.	1.7	29
19	Recent Advances in the Pharmacotherapeutic Management of Drug Dependence and Addiction. Current Psychiatry Reviews, 2005, 1, 45-67.	0.9	8

#	ARTICLE	IF	CITATIONS
20	Comparison of basal and D-1 dopamine receptor agonist-stimulated neuropeptide gene expression in caudate-putamen and nucleus accumbens of ad libitum fed and food-restricted rats. <i>Molecular Brain Research</i> , 2005, 141, 121-127.	2.5	32
21	Periadolescent nicotine administration produces enduring changes in dendritic morphology of medium spiny neurons from nucleus accumbens. <i>Neuroscience Letters</i> , 2005, 385, 163-167.	1.0	39
22	Pleiotrophin gene transcription in the rat nucleus accumbens is stimulated by an acute dose of amphetamine. <i>Brain Research Bulletin</i> , 2005, 65, 529-532.	1.4	42
23	Why does the rapid delivery of drugs to the brain promote addiction?. <i>Trends in Pharmacological Sciences</i> , 2005, 26, 82-87.	4.0	184
24	New treatments for cocaine abuse. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2005, 2, 79-86.	0.5	8
25	A sensitizing regimen of methamphetamine causes impairments in a novelty preference task of object recognition. <i>Behavioural Brain Research</i> , 2006, 170, 167-172.	1.2	35
26	A Proteomics Approach to Identify Long-Term Molecular Changes in Rat Medial Prefrontal Cortex Resulting from Sucrose Self-Administration. <i>Journal of Proteome Research</i> , 2006, 5, 147-154.	1.8	12
27	Differential impact of severity of drug use on frontal behavioral symptoms. <i>Addictive Behaviors</i> , 2006, 31, 1373-1382.	1.7	105
28	Essential Role of BDNF in the Mesolimbic Dopamine Pathway in Social Defeat Stress. <i>Science</i> , 2006, 311, 864-868.	6.0	1,869
29	Drug addiction: the neurobiology of disrupted self-control. <i>Trends in Molecular Medicine</i> , 2006, 12, 559-566.	3.5	502
30	Chronic morphine exposure impairs short-term synaptic depression of geniculo-cortical visual pathway in vivo. <i>Neuroscience Letters</i> , 2006, 410, 228-233.	1.0	9
31	Brain neurotensin, psychostimulants, and stress " emphasis on neuroanatomical substrates. <i>Peptides</i> , 2006, 27, 2364-2384.	1.2	61
32	Under the curve: Critical issues for elucidating D1 receptor function in working memory. <i>Neuroscience</i> , 2006, 139, 263-276.	1.1	290
33	Role of ERK in cocaine addiction. <i>Trends in Neurosciences</i> , 2006, 29, 695-703.	4.2	244
34	Intracellular 5-HT <sub>2C</sub> -receptor dephosphorylation: a new target for treating drug addiction. <i>Trends in Pharmacological Sciences</i> , 2006, 27, 455-458.	4.0	44
35	Subpopulation of Dorsal Horn Neurons Displays Enhanced N-methyl-d-aspartate Receptor Function after Chronic Morphine Exposure. <i>Anesthesiology</i> , 2006, 104, 815-825.	1.3	20
36	Executive dysfunction in substance dependent individuals during drug use and abstinence: An examination of the behavioral, cognitive and emotional correlates of addiction. <i>Journal of the International Neuropsychological Society</i> , 2006, 12, 405-15.	1.2	272
37	Intermittent administration of morphine alters protein expression in rat nucleus accumbens. <i>Proteomics</i> , 2006, 6, 2003-2008.	1.3	64

#	ARTICLE	IF	CITATIONS
38	Chronic treatment with $\delta^9$ -tetrahydrocannabinol alters the structure of neurons in the nucleus accumbens shell and medial prefrontal cortex of rats. <i>Synapse</i> , 2006, 60, 429-436.	0.6	81
39	Context-dependent behavioural and neuronal sensitization in striatum to MDMA (ecstasy) administration in rats. <i>European Journal of Neuroscience</i> , 2006, 24, 217-228.	1.2	32
40	Smoking and structural brain deficits: a volumetric MR investigation. <i>European Journal of Neuroscience</i> , 2006, 24, 1744-1750.	1.2	305
41	Abnormal associative encoding in orbitofrontal neurons in cocaine-experienced rats during decision-making. <i>European Journal of Neuroscience</i> , 2006, 24, 2643-2653.	1.2	79
42	Homeostatic plasticity during alcohol exposure promotes enlargement of dendritic spines. <i>European Journal of Neuroscience</i> , 2006, 24, 3496-3506.	1.2	92
43	Enhanced cortical and accumbal molecular reactivity associated with conditioned heroin, but not sucrose-seeking behaviour. <i>Journal of Neurochemistry</i> , 2006, 98, 905-915.	2.1	69
44	Structural and Functional Modifications in Glutamateric Synapses Following Prolonged Ethanol Exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2006, 30, 368-376.	1.4	34
45	Increased expression of 5-HT1B receptors in rat nucleus accumbens via virally mediated gene transfer increases voluntary alcohol consumption. <i>Alcohol</i> , 2006, 38, 73-79.	0.8	43
46	NEURAL MECHANISMS OF ADDICTION: The Role of Reward-Related Learning and Memory. <i>Annual Review of Neuroscience</i> , 2006, 29, 565-598.	5.0	2,489
47	Peptidomics of Cpe <sup>fat/fat</sup> Mouse Hypothalamus and Striatum: Effect of Chronic Morphine Administration. <i>Journal of Molecular Neuroscience</i> , 2006, 28, 277-284.	1.1	28
48	Rodent BDNF genes, novel promoters, novel splice variants, and regulation by cocaine. <i>Brain Research</i> , 2006, 1067, 1-12.	1.1	269
49	Ephrin/Eph receptor expression in brain of adult nonhuman primates: Implications for neuroadaptation. <i>Brain Research</i> , 2006, 1067, 67-77.	1.1	28
50	What goads cigarette smokers to smoke? Neural adaptation and the mirror neuron system. <i>Brain Research</i> , 2006, 1121, 128-135.	1.1	75
51	A role for D2 but not D1 dopamine receptors in the cross-sensitization between amphetamine and salt appetite. <i>Pharmacology Biochemistry and Behavior</i> , 2006, 83, 277-284.	1.3	15
52	Cognitive function during early abstinence from opioid dependence: a comparison to age, gender, and verbal intelligence matched controls. <i>BMC Psychiatry</i> , 2006, 6, 9.	1.1	108
53	Orbitofrontal cortex involvement in chronic analgesic-overuse headache evolving from episodic migraine. <i>Brain</i> , 2006, 129, 543-550.	3.7	271
54	Cocaine-induced dendritic spine formation in D1 and D2 dopamine receptor-containing medium spiny neurons in nucleus accumbens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 3399-3404.	3.3	312
55	The Effects of Morphine Self-Administration on Cortical Pyramidal Cell Structure in Addiction-Prone Lewis Rats. <i>Cerebral Cortex</i> , 2006, 17, 238-249.	1.6	36

#	ARTICLE	IF	CITATIONS
56	Prior cocaine exposure disrupts extinction of fear conditioning. <i>Learning and Memory</i> , 2006, 13, 416-421.	0.5	33
57	Knockout of ERK1 Enhances Cocaine-Evoked Immediate Early Gene Expression and Behavioral Plasticity. <i>Neuropsychopharmacology</i> , 2006, 31, 2660-2668.	2.8	101
58	Methylphenidate Administration to Adolescent Rats Determines Plastic Changes on Reward-Related Behavior and Striatal Gene Expression. <i>Neuropsychopharmacology</i> , 2006, 31, 1946-1956.	2.8	110
59	Progression of Cellular Adaptations in Medial Prefrontal and Orbitofrontal Cortex in Response to Repeated Amphetamine. <i>Journal of Neuroscience</i> , 2006, 26, 8025-8039.	1.7	76
60	Dendritic Plasticity in the Adult Neocortex. <i>Neuroscientist</i> , 2006, 12, 16-28.	2.6	48
61	Receptor Regulation of Gene Expression of Axon Guidance Molecules: Implications for Adaptation. <i>Molecular Pharmacology</i> , 2006, 70, 71-77.	1.0	39
62	Phenotypes of Drosophila Brain Neurons in Primary Culture Reveal a Role for Fascin in Neurite Shape and Trajectory. <i>Journal of Neuroscience</i> , 2006, 26, 8734-8747.	1.7	66
63	Repeated cocaine effects on learning, memory and extinction in the pond snail <i>Lymnaea stagnalis</i> . <i>Journal of Experimental Biology</i> , 2006, 209, 4273-4282.	0.8	15
64	Corticostriatal Up-Regulation of Activity-Regulated Cytoskeletal-Associated Protein Expression after Repeated Exposure to Cocaine. <i>Molecular Pharmacology</i> , 2006, 70, 1726-1734.	1.0	47
65	Amphetamine Exposure Enhances Habit Formation. <i>Journal of Neuroscience</i> , 2006, 26, 3805-3812.	1.7	418
66	Neurobiological Theories of Addiction. , 2006, , 377-428.		1
67	Subtype-Specific Inhibition of Nicotinic Acetylcholine Receptors by Choline: A Regulatory Pathway. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 318, 268-275.	1.3	42
68	Neuroproteomics of the Synapse and Drug Addiction. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 318, 461-468.	1.3	42
69	Phosphorylation of DARPP-32 at Threonine-34 is Required for Cocaine Action. <i>Neuropsychopharmacology</i> , 2006, 31, 555-562.	2.8	90
70	Cocaine-Associated Stimuli Increase Cocaine Seeking and Activate Accumbens Core Neurons after Abstinence. <i>Journal of Neuroscience</i> , 2007, 27, 3535-3539.	1.7	135
71	Role of matrix metalloproteinases in the acquisition and reconsolidation of cocaine-induced conditioned place preference. <i>Learning and Memory</i> , 2007, 14, 214-223.	0.5	108
72	Cocaine Experience Controls Bidirectional Synaptic Plasticity in the Nucleus Accumbens. <i>Journal of Neuroscience</i> , 2007, 27, 7921-7928.	1.7	359
73	Enduring Deficits in Sustained Visual Attention during Withdrawal of Intravenous Methylendioxyamphetamine Self-Administration in Rats: Results from a Comparative Study with d-Amphetamine and Methamphetamine. <i>Neuropsychopharmacology</i> , 2007, 32, 1195-1206.	2.8	85

#	ARTICLE	IF	CITATIONS
74	Striatal grey matter increase in patients suffering from fibromyalgia – A voxel-based morphometry study. <i>Pain</i> , 2007, 132, S109-S116.	2.0	253
75	Motor inhibitory role of dopamine D1 receptors: Implications for ADHD. <i>Physiology and Behavior</i> , 2007, 92, 155-160.	1.0	41
76	Serotonin and psychostimulant addiction: Focus on 5-HT1A-receptors. <i>Progress in Neurobiology</i> , 2007, 81, 133-178.	2.8	297
77	Influence of chronic cocaine treatment and sleep deprivation on sexual behavior and neurogenesis of the male rat. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007, 31, 1224-1229.	2.5	15
78	From vice to virtue: Insights from sensitization in the nonhuman primate. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007, 31, 1572-1592.	2.5	29
79	Modeling the role of environment in addiction. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007, 31, 1639-1653.	2.5	65
80	Methylphenidate regulates activity regulated cytoskeletal associated but not brain-derived neurotrophic factor gene expression in the developing rat striatum. <i>Neuroscience</i> , 2007, 144, 969-984.	1.1	50
81	The extracellular signal-regulated kinase signaling pathway is involved in the modulation of morphine-induced reward by mPer1. <i>Neuroscience</i> , 2007, 146, 265-271.	1.1	37
82	Chronic cocaine treatment alters dendritic arborization in the adult motor cortex through a CB1 cannabinoid receptor–dependent mechanism. <i>Neuroscience</i> , 2007, 146, 1536-1545.	1.1	25
83	Chronic oral methylphenidate administration to periadolescent rats yields prolonged impairment of memory for objects. <i>Neurobiology of Learning and Memory</i> , 2007, 88, 312-320.	1.0	47
84	Cocaine and Pavlovian fear conditioning: Dose–effect analysis. <i>Behavioural Brain Research</i> , 2007, 176, 244-250.	1.2	37
85	Distinct effects of individual opioids on the morphology of spines depend upon the internalization of mu opioid receptors. <i>Molecular and Cellular Neurosciences</i> , 2007, 35, 456-469.	1.0	53
86	Chronic morphine exposure alters the dendritic morphology of pyramidal neurons in visual cortex of rats. <i>Neuroscience Letters</i> , 2007, 418, 227-231.	1.0	36
87	Altered EphA5 mRNA expression in rat brain with a single methamphetamine treatment. <i>Neuroscience Letters</i> , 2007, 424, 116-121.	1.0	6
88	Amphetamine pretreatment accelerates the subsequent escalation of cocaine self-administration behavior. <i>European Neuropsychopharmacology</i> , 2007, 17, 352-357.	0.3	59
89	Dopaminergic Mechanisms in Actions and Habits: Figure 1.. <i>Journal of Neuroscience</i> , 2007, 27, 8181-8183.	1.7	258
90	Toward a Neuro-Cognitive Animal Model of the Cognitive Symptoms of Schizophrenia: Disruption of Cortical Cholinergic Neurotransmission Following Repeated Amphetamine Exposure in Attentional Task-Performing, but Not Non-Performing, Rats. <i>Neuropsychopharmacology</i> , 2007, 32, 2074-2086.	2.8	50
91	Proteomic Analysis of Rat Prefrontal Cortex in Three Phases of Morphine-Induced Conditioned Place Preference. <i>Journal of Proteome Research</i> , 2007, 6, 2239-2247.	1.8	31

#	ARTICLE	IF	CITATIONS
92	The Thorny Side of Addiction: Adaptive Plasticity and Dendritic Spines. <i>Scientific World Journal</i> , The, 2007, 7, 9-21.	0.8	59
93	Decoding Drug Abuse in Noncoding RNA?. <i>Scientific World Journal</i> , The, 2007, 7, 142-145.	0.8	1
94	Agonist-Dependent Postsynaptic Effects of Opioids on Miniature Excitatory Postsynaptic Currents in Cultured Hippocampal Neurons. <i>Journal of Neurophysiology</i> , 2007, 97, 1485-1494.	0.9	21
95	Evaluating the Functional Importance of Neuroadaptions in Addiction. <i>Scientific World Journal</i> , The, 2007, 7, 4-8.	0.8	5
96	Hippocampus modulates the behaviorally-sensitizing effects of nicotine in a rat model of novelty-seeking: Potential role for mossy fibers. <i>Hippocampus</i> , 2007, 17, 922-933.	0.9	20
97	Prospective associations of social self-control with drug use among youth from regular and alternative high schools. <i>Substance Abuse Treatment, Prevention, and Policy</i> , 2007, 2, 22.	1.0	24
98	Synaptic plasticity and addiction. <i>Nature Reviews Neuroscience</i> , 2007, 8, 844-858.	4.9	1,402
99	Methamphetamine-induced structural plasticity in the dorsal striatum. <i>European Journal of Neuroscience</i> , 2007, 25, 847-853.	1.2	128
100	Impact of 6-hydroxydopamine lesions and cocaine exposure on $\mu$ -opioid receptor expression and regulation of cholinergic transmission in the limbic-prefrontal territory of the rat dorsal striatum. <i>European Journal of Neuroscience</i> , 2007, 25, 1546-1556.	1.2	7
101	Acute cocaine exposure alters spine density and long-term potentiation in the ventral tegmental area. <i>European Journal of Neuroscience</i> , 2007, 26, 749-756.	1.2	87
102	DeltaFosB accumulation in ventromedial caudate underlies the induction but not the expression of behavioral sensitization by both repeated amphetamine and stress. <i>European Journal of Neuroscience</i> , 2008, 27, 191-201.	1.2	17
103	Evidence for elevated nicotine-induced structural plasticity in nucleus accumbens of adolescent rats. <i>Brain Research</i> , 2007, 1151, 211-218.	1.1	29
104	Acute amphetamine treatment decreases the expression of 180-200 kDa isoform of polysialic acid linked neural cell adhesion molecule in mouse hippocampus. <i>Brain Research</i> , 2007, 1165, 89-97.	1.1	9
105	Behavioral functions of the mesolimbic dopaminergic system: An affective neuroethological perspective. <i>Brain Research Reviews</i> , 2007, 56, 283-321.	9.1	481
106	The role of nitric oxide within the nucleus accumbens on the acquisition and expression of morphine-induced place preference in morphine sensitized rats. <i>European Journal of Pharmacology</i> , 2007, 556, 99-106.	1.7	20
107	Comparison of the effects of mGluR1 and mGluR5 antagonists on the expression of behavioral sensitization to the locomotor effect of morphine and the morphine withdrawal jumping in mice. <i>European Journal of Pharmacology</i> , 2007, 558, 113-118.	1.7	36
108	Lack of development of behavioral sensitization to methylphenidate in mice: Correlation with reversible astrocytic activation. <i>European Journal of Pharmacology</i> , 2007, 574, 39-48.	1.7	14
109	Adaptive plasticity of NMDA receptors and dendritic spines: Implications for enhanced vulnerability of the adolescent brain to alcohol addiction. <i>Pharmacology Biochemistry and Behavior</i> , 2007, 86, 200-208.	1.3	90

#	ARTICLE	IF	CITATIONS
110	1H MRS-detectable metabolic brain changes and reduced impulsive behavior in adult rats exposed to methylphenidate during adolescence. <i>Neurotoxicology and Teratology</i> , 2007, 29, 116-125.	1.2	47
111	Orbitofrontal Cortex and Cognitive&Motivational Impairments in Psychostimulant Addiction. <i>Annals of the New York Academy of Sciences</i> , 2007, 1121, 610-638.	1.8	51
112	The Orbital Prefrontal Cortex and Drug Addiction in Laboratory Animals and Humans. <i>Annals of the New York Academy of Sciences</i> , 2007, 1121, 576-597.	1.8	122
113	The Orbitofrontal Cortex, Impulsivity, and Addiction: Probing Orbitofrontal Dysfunction at the Neural, Neurochemical, and Molecular Level. <i>Annals of the New York Academy of Sciences</i> , 2007, 1121, 639-655.	1.8	95
114	Nicotine increases FosB expression within a subset of reward- and memory-related brain regions during both peri- and post-adolescence. <i>Psychopharmacology</i> , 2007, 191, 891-897.	1.5	21
115	Chronic methadone treatment and repeated withdrawal impair cognition and increase the expression of apoptosis-related proteins in mouse brain. <i>Psychopharmacology</i> , 2007, 193, 107-120.	1.5	41
116	Dissociating effects of cocaine and d-amphetamine on dopamine and serotonin in the perirhinal, entorhinal, and prefrontal cortex of freely moving rats. <i>Psychopharmacology</i> , 2007, 193, 375-390.	1.5	85
117	Genetics of Dopamine and its Contribution to Cocaine Addiction. <i>Behavior Genetics</i> , 2007, 37, 119-145.	1.4	43
118	Low concentrations of ketamine initiate dendritic atrophy of differentiated GABAergic neurons in culture. <i>Toxicology</i> , 2007, 234, 216-226.	2.0	57
119	Changes in anxiety in abstinence correlate with the state of the nigrostriatal system in the rat hippocampus. <i>Neuroscience and Behavioral Physiology</i> , 2008, 38, 443-448.	0.2	4
120	Chronic, but Not Acute Morphine Treatment, Up-regulates $\hat{\pm}$ -Ca <sup>2+</sup> /calmodulin Dependent Protein Kinase II Gene Expression in Rat Brain. <i>Neurochemical Research</i> , 2008, 33, 2092-2098.	1.6	18
121	Level of operant training rather than cocaine intake predicts level of reinstatement. <i>Psychopharmacology</i> , 2008, 197, 247-261.	1.5	14
122	Repeated social defeat stress-induced sensitization to the locomotor activating effects of d-amphetamine: role of individual differences. <i>Psychopharmacology</i> , 2008, 198, 51-62.	1.5	27
123	Expression of amphetamine sensitization is associated with recruitment of a reactive neuronal population in the nucleus accumbens core. <i>Psychopharmacology</i> , 2008, 198, 113-126.	1.5	35
124	Genetic liability increases propensity to prime-induced reinstatement of conditioned place preference in mice exposed to low cocaine. <i>Psychopharmacology</i> , 2008, 198, 287-296.	1.5	24
125	Variations in brain volume and regional morphology associated with chronic pain. <i>Current Rheumatology Reports</i> , 2008, 10, 467-474.	2.1	46
126	Modulation of Hippocampus-Dependent Learning and Synaptic Plasticity by Nicotine. <i>Molecular Neurobiology</i> , 2008, 38, 101-121.	1.9	222
127	Automated quantification of dendritic spine density and spine head diameter in medium spiny neurons of the nucleus accumbens. <i>Brain Structure and Function</i> , 2008, 213, 149-157.	1.2	70



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128	Upregulation of <i>Arc</i> mRNA expression in the prefrontal cortex following cue-induced reinstatement of extinguished cocaine-seeking behavior. <i>Synapse</i> , 2008, 62, 421-431.	0.6	61
129	Increased synapses in the medial prefrontal cortex are associated with repeated amphetamine administration. <i>Synapse</i> , 2009, 63, 126-135.	0.6	23
130	Changes in apical dendritic structure correlate with sustained ERK1/2 phosphorylation in medial prefrontal cortex of a rat model of dopamine D <sub>1</sub> receptor agonist sensitization. <i>Journal of Comparative Neurology</i> , 2008, 511, 271-285.	0.9	10
131	Therapeutic effects of complex rearing or bFGF after perinatal frontal lesions. <i>Developmental Psychobiology</i> , 2008, 50, 134-146.	0.9	20
132	Repeated neonatal separation stress alters the composition of neurochemically characterized interneuron subpopulations in the rodent dentate gyrus and basolateral amygdala. <i>Developmental Neurobiology</i> , 2008, 68, 1137-1152.	1.5	43
133	Impulsivity as a vulnerability marker for substance-use disorders: Review of findings from high-risk research, problem gamblers and genetic association studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2008, 32, 777-810.	2.9	1,147
134	Neurobiological Processes in Adolescent Addictive Disorders. <i>American Journal on Addictions</i> , 2008, 17, 6-23.	1.3	81
135	Transient Enhanced Expression of Cdk5 Activator p25 after Acute and Chronic Amphetamine Administration. <i>Annals of the New York Academy of Sciences</i> , 2008, 1139, 89-102.	1.8	17
136	Correlating Human and Animal Studies of Cocaine Abuse and Gene Expression. <i>Annals of the New York Academy of Sciences</i> , 2008, 1141, 58-75.	1.8	27
137	Transcriptional responses to reinforcing effects of cocaine in the rat hippocampus and cortex. <i>Genes, Brain and Behavior</i> , 2008, 7, 193-202.	1.1	33
138	Formation of accumbens GluR2-lacking AMPA receptors mediates incubation of cocaine craving. <i>Nature</i> , 2008, 454, 118-121.	13.7	995
139	Neuroplasticity in the mesolimbic dopamine system and cocaine addiction. <i>British Journal of Pharmacology</i> , 2008, 154, 327-342.	2.7	434
140	Presynaptic nicotinic receptors: a dynamic and diverse cholinergic filter of striatal dopamine neurotransmission. <i>British Journal of Pharmacology</i> , 2008, 153, S283-97.	2.7	208
141	Behavioral sensitization to $\Delta^9$ -tetrahydrocannabinol and cross-sensitization with morphine: differential changes in accumbal shell and core dopamine transmission. <i>Journal of Neurochemistry</i> , 2008, 106, 1586-1593.	2.1	67
142	Neural plasticity and addiction: integrin-linked kinase and cocaine behavioral sensitization. <i>Journal of Neurochemistry</i> , 2008, 107, 679-689.	2.1	33
143	Activity-dependent expression of ELAV/Hu RBPs and neuronal mRNAs in seizure and cocaine brain. <i>Journal of Neurochemistry</i> , 2008, 107, 1529-1543.	2.1	61
144	Cocaine decreases the expression of PSA-NCAM protein and attenuates long-term potentiation via glucocorticoid receptors in the rat dentate gyrus. <i>European Journal of Neuroscience</i> , 2008, 27, 2928-2937.	1.2	17
145	A sensitizing d-amphetamine regimen induces long-lasting spinophilin protein upregulation in the rat striatum and limbic forebrain. <i>European Journal of Neuroscience</i> , 2008, 28, 2099-2107.	1.2	12

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146	The dendritically targeted protein Dendrin is induced by acute nicotine in cortical regions of adolescent rat brain. <i>European Journal of Neuroscience</i> , 2008, 28, 1967-1979.	1.2	14
147	The role of CB1 receptors in psychostimulant addiction. <i>Addiction Biology</i> , 2008, 13, 225-238.	1.4	80
148	Transcriptional response of rat frontal cortex following acute In Vivo exposure to the pyrethroid insecticides permethrin and deltamethrin. <i>BMC Genomics</i> , 2008, 9, 546.	1.2	19
149	Uncoupling between noradrenergic and serotonergic neurons as a molecular basis of stable changes in behavior induced by repeated drugs of abuse. <i>Biochemical Pharmacology</i> , 2008, 75, 85-97.	2.0	76
150	Homers regulate drug-induced neuroplasticity: Implications for addiction. <i>Biochemical Pharmacology</i> , 2008, 75, 112-133.	2.0	123
151	Morphine self-administration effects on the structure of cortical pyramidal cells in addiction-resistant rats. <i>Brain Research</i> , 2008, 1230, 61-72.	1.1	17
152	Heroin self-administration: II. CNS gene expression following withdrawal and cue-induced drug-seeking behavior. <i>Pharmacology Biochemistry and Behavior</i> , 2008, 90, 349-356.	1.3	48
153	The Molecular Mechanisms of Reward. , 2008, , 193-215.		4
154	Cocaine Regulates MEF2 to Control Synaptic and Behavioral Plasticity. <i>Neuron</i> , 2008, 59, 621-633.	3.8	246
155	Morphine-induced analgesic tolerance, locomotor sensitization and physical dependence do not require modification of mu opioid receptor, cdk5 and adenylate cyclase activity. <i>Neuropharmacology</i> , 2008, 54, 475-486.	2.0	62
156	Chronic administration of heroin to mice produces up-regulation of brain apoptosis-related proteins and impairs spatial learning and memory. <i>Neuropharmacology</i> , 2008, 54, 640-652.	2.0	56
157	Morphine produces circuit-specific neuroplasticity in the bed nucleus of the stria terminalis. <i>Neuroscience</i> , 2008, 153, 232-239.	1.1	39
158	Contrasting effects of motor and visual spatial learning tasks on dendritic arborization and spine density in rats. <i>Neurobiology of Learning and Memory</i> , 2008, 90, 295-300.	1.0	90
159	Brain circuits regulating energy homeostasis. <i>Regulatory Peptides</i> , 2008, 149, 3-10.	1.9	129
160	Salt craving: The psychobiology of pathogenic sodium intake. <i>Physiology and Behavior</i> , 2008, 94, 709-721.	1.0	106
161	Synaptic plasticity in the basal ganglia: A similar code for physiological and pathological conditions. <i>Progress in Neurobiology</i> , 2008, 84, 343-362.	2.8	25
162	Getting connected in the dopamine system. <i>Progress in Neurobiology</i> , 2008, 85, 75-93.	2.8	143
163	Dendritic spine dynamics â€” a key role for kalirin-7. <i>Trends in Neurosciences</i> , 2008, 31, 419-427.	4.2	134

#	ARTICLE	IF	CITATIONS
164	Drug Addiction as a Pathology of Staged Neuroplasticity. <i>Neuropsychopharmacology</i> , 2008, 33, 166-180.	2.8	902
165	Differential effects of opioid agonists on G protein expression in CHO cells expressing cloned human opioid receptors. <i>Brain Research Bulletin</i> , 2008, 77, 49-54.	1.4	18
166	The morphological changes of pyramidal and spiny stellate cells in the primary visual cortex of chronic morphine treated cats. <i>Brain Research Bulletin</i> , 2008, 77, 77-83.	1.4	13
167	Conditional deletion of the NMDA-NR1 receptor subunit gene in the central nucleus of the amygdala inhibits naloxone-induced conditioned place aversion in morphine-dependent mice. <i>Experimental Neurology</i> , 2008, 213, 57-70.	2.0	34
168	Social instability blocks functional restitution following motor cortex stroke in rats. <i>Behavioural Brain Research</i> , 2008, 188, 219-226.	1.2	19
169	The problem of relating plasticity and skilled reaching after motor cortex stroke in the rat. <i>Behavioural Brain Research</i> , 2008, 192, 124-136.	1.2	76
170	Chronic stress-induced cellular changes in the medial prefrontal cortex and their potential clinical implications: Does hemisphere location matter?. <i>Behavioural Brain Research</i> , 2008, 190, 1-13.	1.2	98
171	Effects of urokinase-type plasminogen activator in the acquisition, expression and reinstatement of cocaine-induced conditioned-place preference. <i>Behavioural Brain Research</i> , 2008, 191, 17-25.	1.2	20
172	Serotonergic mechanisms in addiction-related memories. <i>Behavioural Brain Research</i> , 2008, 195, 39-53.	1.2	40
173	Habits, Rituals, and the Evaluative Brain. <i>Annual Review of Neuroscience</i> , 2008, 31, 359-387.	5.0	1,431
174	Drugs and Crime: An Empirically Based, Interdisciplinary Model. <i>Journal of Teaching in the Addictions</i> , 2008, 7, 16-30.	0.3	2
175	Special Review: Decision Utility, The Brain, and Pursuit of Hedonic Goals. <i>Social Cognition</i> , 2008, 26, 621-646.	0.5	123
176	Divergent Plasticity of Prefrontal Cortex Networks. <i>Neuropsychopharmacology</i> , 2008, 33, 42-55.	2.8	89
177	High ambient temperature increases intravenous methamphetamine self-administration on fixed and progressive ratio schedules in rats. <i>Journal of Psychopharmacology</i> , 2008, 22, 100-110.	2.0	16
178	Transcriptional mechanisms of addiction: role of $\hat{\nu}$ FosB. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 3245-3255.	1.8	329
179	Working memory performance is correlated with local brain morphology in the medial frontal and anterior cingulate cortex in fibromyalgia patients: structural correlates of pain-cognition interaction. <i>Brain</i> , 2008, 131, 3222-3231.	3.7	203
180	Principles of neuroplasticity and behavior. , 2008, , 6-21.		16
181	Effects of hypophysectomy on compulsive checking and cortical dendrites in an animal model of obsessive-compulsive disorder. <i>Behavioural Pharmacology</i> , 2008, 19, 271-283.	0.8	7

#	ARTICLE	IF	CITATIONS
182	Neurobiological and Psychosocial Processes Associated with Depressive and Substance-Related Disorders in Adolescents. <i>Current Drug Abuse Reviews</i> , 2008, 1, 68-80.	3.4	20
183	Drug Addiction: Behavioral Pharmacology of Drug Addiction in Rats. , 2009, , 683-690.		1
184	Methamphetamine Preconditioning Alters Midbrain Transcriptional Responses to Methamphetamine-Induced Injury in the Rat Striatum. <i>PLoS ONE</i> , 2009, 4, e7812.	1.1	49
185	Similar Neurons, Opposite Adaptations: Psychostimulant Experience Differentially Alters Firing Properties in Accumbens Core versus Shell. <i>Journal of Neuroscience</i> , 2009, 29, 12275-12283.	1.7	115
186	Sigma-1 receptors regulate hippocampal dendritic spine formation via a free radical-sensitive mechanism involving Rac1-GTP pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 22468-22473.	3.3	145
187	Stress Prompts Habit Behavior in Humans. <i>Journal of Neuroscience</i> , 2009, 29, 7191-7198.	1.7	465
188	Phosphorylation of Rap1GAP, a striatally enriched protein, by protein kinase A controls Rap1 activity and dendritic spine morphology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 3531-3536.	3.3	60
189	Altered Dendritic Spine Plasticity in Cocaine-Withdrawn Rats. <i>Journal of Neuroscience</i> , 2009, 29, 2876-2884.	1.7	192
191	Contributions of Matrix Metalloproteinases to Neural Plasticity, Habituation, Associative Learning and Drug Addiction. <i>Neural Plasticity</i> , 2009, 2009, 1-12.	1.0	68
192	Methylphenidate-induced dendritic spine formation and $\Delta^1$ FosB expression in nucleus accumbens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 2915-2920.	3.3	107
193	Nicotine modulates expression of miR-140*, which targets the 3' untranslated region of dynamin 1 gene (Dnm1). <i>International Journal of Neuropsychopharmacology</i> , 2009, 12, 537.	1.0	84
194	Molecular Mechanisms of Psychostimulant-induced Structural Plasticity. <i>Pharmacopsychiatry</i> , 2009, 42, S69-S78.	1.7	70
195	Factors influencing frontal cortex development and recovery from early frontal injury. <i>Developmental Neurorehabilitation</i> , 2009, 12, 269-278.	0.5	12
196	Nuclear Factor $\kappa$ B Signaling Regulates Neuronal Morphology and Cocaine Reward. <i>Journal of Neuroscience</i> , 2009, 29, 3529-3537.	1.7	228
197	Axon Guidance in the Dopamine System. <i>Advances in Experimental Medicine and Biology</i> , 2009, 651, 91-100.	0.8	7
198	Effect of Cocaine on Fas-Associated Protein with Death Domain in the Rat Brain: Individual Differences in a Model of Differential Vulnerability to Drug Abuse. <i>Neuropsychopharmacology</i> , 2009, 34, 1123-1134.	2.8	37
199	The Dopamine Uptake Inhibitor $\beta$ -[bis(4-fluorophenyl)metoxy]-tropane Reduces Cocaine-Induced Early-Genes Expression, Locomotor Activity, and Conditioned Reward. <i>Neuropsychopharmacology</i> , 2009, 34, 2497-2507.	2.8	29
200	The Effects of Repeated Opioid Administration on Locomotor Activity: II. Unidirectional Cross-Sensitization to Cocaine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 330, 476-486.	1.3	57

#	ARTICLE	IF	CITATIONS
201	Localization of myocyte enhancer factor 2 in the rodent forebrain: Regionally-specific cytoplasmic expression of MEF2A. <i>Brain Research</i> , 2009, 1274, 55-65.	1.1	7
202	Dopaminergic innervation of pyramidal cells in the rat basolateral amygdala. <i>Brain Structure and Function</i> , 2009, 213, 275-288.	1.2	52
203	Methylphenidate treatment increases Na <sup>+</sup> , K <sup>+</sup> -ATPase activity in the cerebrum of young and adult rats. <i>Journal of Neural Transmission</i> , 2009, 116, 1681-1687.	1.4	13
204	Methamphetamine-Induced Behavioral Sensitization Is Enhanced in the HIV-1 Transgenic Rat. <i>Journal of NeuroImmune Pharmacology</i> , 2009, 4, 309-316.	2.1	41
205	Withania somnifera Prevents Morphine Withdrawal-Induced Decrease in Spine Density in Nucleus Accumbens Shell of Rats: A Confocal Laser Scanning Microscopy Study. <i>Neurotoxicity Research</i> , 2009, 16, 343-355.	1.3	38
206	Differential susceptibility to ethanol and amphetamine sensitization in dopamine D3 receptor-deficient mice. <i>Psychopharmacology</i> , 2009, 204, 49-59.	1.5	21
207	Effects of cannabinoid CB1 receptor antagonist rimonabant in consolidation and reconsolidation of methamphetamine reward memory in mice. <i>Psychopharmacology</i> , 2009, 204, 203-211.	1.5	38
208	Are adolescents more vulnerable to drug addiction than adults? Evidence from animal models. <i>Psychopharmacology</i> , 2009, 206, 1-21.	1.5	179
209	Hypocretin mechanisms in nicotine addiction: evidence and speculation. <i>Psychopharmacology</i> , 2009, 206, 23-37.	1.5	25
210	A functional role for the dopamine D3 receptor in the induction and expression of behavioural sensitization to ethanol in mice. <i>Psychopharmacology</i> , 2009, 207, 47-56.	1.5	23
211	Extended daily access to cocaine results in distinct alterations in Homer 1b/c and NMDA receptor subunit expression within the medial prefrontal cortex. <i>Synapse</i> , 2009, 63, 598-609.	0.6	98
212	Prenatal morphine exposure alters the layer II/III pyramidal neurons morphology in lateral secondary visual cortex of juvenile rats. <i>Synapse</i> , 2009, 63, 1154-1161.	0.6	25
213	Persistent proteomic alterations in the medial prefrontal cortex with abstinence from cocaine self-administration. <i>Proteomics - Clinical Applications</i> , 2009, 3, 462-472.	0.8	21
214	FosB overexpression in the nucleus accumbens enhances sexual reward in female Syrian hamsters. <i>Genes, Brain and Behavior</i> , 2009, 8, 442-449.	1.1	57
215	N-Acetylcysteine reverses cocaine-induced metaplasticity. <i>Nature Neuroscience</i> , 2009, 12, 182-189.	7.1	362
216	The glutamate homeostasis hypothesis of addiction. <i>Nature Reviews Neuroscience</i> , 2009, 10, 561-572.	4.9	1,373
217	Accumbal dopamine and serotonin activity throughout acquisition and expression of place conditioning: correlative relationships with preference and aversion. <i>European Journal of Neuroscience</i> , 2009, 29, 1015-1026.	1.2	28
218	Nucleus accumbens neurons exhibit synaptic scaling that is occluded by repeated dopamine pre-exposure. <i>European Journal of Neuroscience</i> , 2009, 30, 539-550.	1.2	44

#	ARTICLE	IF	CITATIONS
219	Behavioral sensitization to amphetamine is not accompanied by changes in glutamate receptor surface expression in the rat nucleus accumbens. <i>Journal of Neurochemistry</i> , 2009, 109, 35-51.	2.1	54
220	Signaling pathway adaptations and novel protein kinase A substrates related to behavioral sensitization to cocaine. <i>Journal of Neurochemistry</i> , 2009, 110, 363-377.	2.1	80
221	The membrane cytoskeletal protein adducin is phosphorylated by protein kinase C in D1 neurons of the nucleus accumbens and dorsal striatum following cocaine administration. <i>Journal of Neurochemistry</i> , 2009, 111, 1129-1137.	2.1	10
222	Stress-induced prefrontal reorganization and executive dysfunction in rodents. <i>Neuroscience and Biobehavioral Reviews</i> , 2009, 33, 773-783.	2.9	413
225	Effects of CB1 receptor antagonist within the nucleus accumbens on the acquisition and expression of morphine-induced conditioned place preference in morphine-sensitized rats. <i>Behavioural Brain Research</i> , 2009, 197, 119-124.	1.2	64
226	Repeated intravenous amphetamine exposure: Rapid and persistent sensitization of 50-kHz ultrasonic trill calls in rats. <i>Behavioural Brain Research</i> , 2009, 197, 205-209.	1.2	130
227	Diurnal rhythm and stress regulate dendritic architecture and spine density of pyramidal neurons in the rat infralimbic cortex. <i>Behavioural Brain Research</i> , 2009, 205, 406-413.	1.2	59
228	Imaging dopamine's role in drug abuse and addiction. <i>Neuropharmacology</i> , 2009, 56, 3-8.	2.0	825
229	Modelling human drug abuse and addiction with dedicated small animal positron emission tomography. <i>Neuropharmacology</i> , 2009, 56, 9-17.	2.0	24
230	Dissecting motivational circuitry to understand substance abuse. <i>Neuropharmacology</i> , 2009, 56, 149-159.	2.0	68
231	Neurotrophic factors and structural plasticity in addiction. <i>Neuropharmacology</i> , 2009, 56, 73-82.	2.0	296
232	Glutamate transmission in addiction. <i>Neuropharmacology</i> , 2009, 56, 169-173.	2.0	340
233	Neural substrates of cognitive inflexibility after chronic cocaine exposure. <i>Neuropharmacology</i> , 2009, 56, 63-72.	2.0	135
234	Prenatal morphine alters the synaptic complex of postsynaptic density 95 with N-methyl-d-aspartate receptor subunit in hippocampal CA1 subregion of rat offspring leading to long-term cognitive deficits. <i>Neuroscience</i> , 2009, 158, 1326-1337.	1.1	50
235	Computational model of extracellular glutamate in the nucleus accumbens incorporates neuroadaptations by chronic cocaine. <i>Neuroscience</i> , 2009, 158, 1266-1276.	1.1	29
236	Sensitizing regimens of (±)3, 4-methylenedioxymethamphetamine (ecstasy) elicit enduring and differential structural alterations in the brain motive circuit of the rat. <i>Neuroscience</i> , 2009, 160, 264-274.	1.1	39
237	̢-Hydroxybutyrate (GHB) induces GABAB receptor independent intracellular Ca <sup>2+</sup> transients in astrocytes, but has no effect on GHB or GABAB receptors of medium spiny neurons in the nucleus accumbens. <i>Neuroscience</i> , 2009, 162, 268-281.	1.1	19
238	Early life exposure to a high fat diet promotes long-term changes in dietary preferences and central reward signaling. <i>Neuroscience</i> , 2009, 162, 924-932.	1.1	104

#	ARTICLE	IF	CITATIONS
239	Cocaine regulates ezrinâ€“radixinâ€“moesin proteins and RhoA signaling in the nucleus accumbens. <i>Neuroscience</i> , 2009, 163, 501-505.	1.1	31
240	Chronic oral methylphenidate induces post-treatment impairment in recognition and spatial memory in adult rats. <i>Neurobiology of Learning and Memory</i> , 2009, 91, 218-225.	1.0	15
241	Methadone is substantially less effective than morphine in modifying locomotor and brain Fos responses to subsequent methadone challenge in rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 1032-1039.	2.5	12
242	Significant modulation of mitochondrial electron transport system by nicotine in various rat brain regions. <i>Mitochondrion</i> , 2009, 9, 186-195.	1.6	20
243	Ambience and Drug Choice: Cocaine- and Heroin-Taking as a Function of Environmental Context in Humans and Rats. <i>Biological Psychiatry</i> , 2009, 65, 893-899.	0.7	99
244	Amphetamine-Induced Changes in Dendritic Morphology in Rat Forebrain Correspond to Associative Drug Conditioning Rather than Nonassociative Drug Sensitization. <i>Biological Psychiatry</i> , 2009, 65, 835-840.	0.7	101
245	The effect of alcohol and nicotine abuse on gene expression in the brain. <i>Nutrition Research Reviews</i> , 2009, 22, 148-162.	2.1	14
246	Amphetamine recapitulates developmental programs in the zebrafish. <i>Genome Biology</i> , 2009, 10, 231.	13.9	11
247	Development and Engineering of Dopamine Neurons. <i>Advances in Experimental Medicine and Biology</i> , 2009, , .	0.8	6
248	Effects of chronic administration of drugs of abuse on impulsive choice (delay discounting) in animal models. <i>Behavioural Pharmacology</i> , 2009, 20, 380-389.	0.8	72
249	Decreased Gray Matter Volumes in the Cingulo-Frontal Cortex and the Amygdala in Patients With Fibromyalgia. <i>Psychosomatic Medicine</i> , 2009, 71, 566-573.	1.3	186
250	2.2 Functional Implications of Dopamine D2 Receptor Localization in Relation to Glutamate Neurons. , 2009, , 22-37.		1
251	Stochastic Model of Glutamatergic PFC-NAc Synapse Predicts Cocaine-Induced Changes in Receptor Occupancy. , 2009, , .		0
252	Tianeptine reduces morphine antinociceptive tolerance and physical dependence. <i>Behavioural Pharmacology</i> , 2010, 21, 523-529.	0.8	10
253	Role of BDNF and GDNF in drug reward and relapse: A review. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 35, 157-171.	2.9	187
254	Regulation of AMPA Receptor Trafficking in the Nucleus Accumbens by Dopamine and Cocaine. <i>Neurotoxicity Research</i> , 2010, 18, 393-409.	1.3	61
255	Inhibition of Actin Polymerization Prevents Cocaine-induced Changes in Spine Morphology in the Nucleus Accumbens. <i>Neurotoxicity Research</i> , 2010, 18, 410-415.	1.3	29
256	Epigenetic regulation of neuronal dendrite and dendritic spine development. <i>Frontiers in Biology</i> , 2010, 5, 304-323.	0.7	24



#	ARTICLE	IF	CITATIONS
257	Integrin-Linked Kinase Is Involved in Cocaine Sensitization by Regulating PSD-95 and Synapsin I Expression and GluR1 Ser845 Phosphorylation. <i>Journal of Molecular Neuroscience</i> , 2010, 40, 284-294.	1.1	26
258	Epigenetic Regulation in Substance Use Disorders. <i>Current Psychiatry Reports</i> , 2010, 12, 145-153.	2.1	76
259	Inhibitory influence of mecamylamine on the development and the expression of ethanol-induced locomotor sensitization in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 96, 266-273.	1.3	16
260	Reversal of neuronal and cognitive consequences of amphetamine sensitization following chronic treatment with a D1 antagonist. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 96, 325-332.	1.3	9
261	Interaction of the mu-opioid receptor with GPR177 (Wntless) inhibits Wnt secretion: potential implications for opioid dependence. <i>BMC Neuroscience</i> , 2010, 11, 33.	0.8	58
262	Differential effects of methamphetamine and SCH23390 on the expression of members of IEG families of transcription factors in the rat striatum. <i>Brain Research</i> , 2010, 1318, 1-10.	1.1	36
263	Appetite and reward. <i>Frontiers in Neuroendocrinology</i> , 2010, 31, 85-103.	2.5	127
264	Neural mechanisms of reproduction in females as a predisposing factor for drug addiction. <i>Frontiers in Neuroendocrinology</i> , 2010, 31, 217-231.	2.5	23
265	Brain reward circuitry beyond the mesolimbic dopamine system: A neurobiological theory. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 35, 129-150.	2.9	354
266	The role of dehydroepiandrosterone (DHEA) in drug-seeking behavior. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 35, 303-314.	2.9	32
267	AMPA receptor plasticity in the nucleus accumbens after repeated exposure to cocaine. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 35, 185-211.	2.9	244
268	Early exposure to haloperidol or olanzapine induces long-term alterations of dendritic form. <i>Synapse</i> , 2010, 64, 191-199.	0.6	45
269	Altered neurotransmission in the mesolimbic reward system of <i>Girk<sup>4</sup></i> mice. <i>Journal of Neurochemistry</i> , 2010, 114, 1487-1497.	2.1	42
270	Long-term depression in the CNS. <i>Nature Reviews Neuroscience</i> , 2010, 11, 459-473.	4.9	785
271	<i>Lmo4</i> in the nucleus accumbens regulates cocaine sensitivity. <i>Genes, Brain and Behavior</i> , 2010, 9, 817-824.	1.1	27
272	<i>Dnmt3a</i> : addiction's molecular forget-me-not?. <i>Nature Neuroscience</i> , 2010, 13, 1041-1043.	7.1	7
273	Impact of cocaine on adult hippocampal neurogenesis in an animal model of differential propensity to drug abuse. <i>European Journal of Neuroscience</i> , 2010, 31, 79-89.	1.2	73
274	Impact of dendritic spine preservation in medium spiny neurons on dopamine graft efficacy and the expression of dyskinesias in parkinsonian rats. <i>European Journal of Neuroscience</i> , 2010, 31, 478-490.	1.2	54



#	ARTICLE	IF	CITATIONS
275	Transient viral-mediated overexpression of $\beta$ -calcium/calmodulin-dependent protein kinase-II in the nucleus accumbens shell leads to long-lasting functional upregulation of $\beta$ -aminoadipic acid hydroxylase-5-methyltetrahydroisoxazolepropionate receptors: dopamine type-1 receptor and protein kinase-A dependence. <i>European Journal of Neuroscience</i> , 2010, 31, 1243-1251.	1.2	13
276	Netrin-1 receptor in the ventral tegmental area is required for sensitization to amphetamine. <i>European Journal of Neuroscience</i> , 2010, 31, 1292-1302.	1.2	32
277	PRECLINICAL STUDY: FULL ARTICLE: Altered architecture and functional consequences of the mesolimbic dopamine system in cannabis dependence. <i>Addiction Biology</i> , 2010, 15, 266-276.	1.4	51
279	Post-stroke recovery therapies in animals. , 0, , 35-46.		1
280	Integrating multidisciplinary research for translation from the laboratory to the clinic. , 2010, , 207-224.		0
281	The Basic Affective Circuits of Mammalian Brains: Implications for Healthy Human Development and the Cultural Landscapes of ADHD. , 2010, , 470-502.		1
282	Altered Frontal Cortical Volume and Decision Making in Adolescent Cannabis Users. <i>Frontiers in Psychology</i> , 2010, 1, 225.	1.1	140
283	Brain-Derived Neurotrophic Factor: A Dynamic Gatekeeper of Neural Plasticity. <i>Current Molecular Pharmacology</i> , 2010, 3, 12-29.	0.7	332
284	Knowing Beans: Human Mirror Mechanisms Revealed Through Motor Adaptation. <i>Frontiers in Human Neuroscience</i> , 2010, 4, 204.	1.0	61
286	Kalirin-7 is a Key Player in the Formation of Excitatory Synapses in Hippocampal Neurons. <i>Scientific World Journal, The</i> , 2010, 10, 1655-1666.	0.8	15
288	Molecular Switch from L-Type $Ca^{v}1.3$ to $Ca^{v}1.2$ $Ca^{2+}$ Channel Signaling Underlies Long-Term Psychostimulant-Induced Behavioral and Molecular Plasticity. <i>Journal of Neuroscience</i> , 2010, 30, 17051-17062.	1.7	55
289	Amphetamine-Associated Contextual Learning Is Accompanied by Structural and Functional Plasticity in the Basolateral Amygdala. <i>Journal of Neuroscience</i> , 2010, 30, 4676-4686.	1.7	38
290	Methamphetamine enhances memory of operantly conditioned respiratory behavior in the snail <i>Lymnaea stagnalis</i> . <i>Journal of Experimental Biology</i> , 2010, 213, 2055-2065.	0.8	21
291	Measuring neuronal branching patterns using model-based approach. <i>Frontiers in Computational Neuroscience</i> , 2010, 1, 135.	1.2	13
292	Transition to Addiction Is Associated with a Persistent Impairment in Synaptic Plasticity. <i>Science</i> , 2010, 328, 1709-1712.	6.0	319
293	Addictive Nicotine Alters Local Circuit Inhibition during the Induction of <i>In Vivo</i> Hippocampal Synaptic Potentiation. <i>Journal of Neuroscience</i> , 2010, 30, 6443-6453.	1.7	32
294	The Role of Glutamate Receptor Redistribution in Locomotor Sensitization to Cocaine. <i>Neuropsychopharmacology</i> , 2010, 35, 818-833.	2.8	80
295	Back to the future: rehabilitation of children after brain injury. <i>Archives of Disease in Childhood</i> , 2010, 95, 554-559.	1.0	31

#	ARTICLE	IF	CITATIONS
296	Essential Role of the Histone Methyltransferase G9a in Cocaine-Induced Plasticity. <i>Science</i> , 2010, 327, 213-216.	6.0	581
297	Normalizing drug-induced neuronal plasticity in nucleus accumbens weakens enduring drug-seeking behavior. <i>Neuropsychopharmacology</i> , 2010, 35, 352-353.	2.8	4
298	Morphological Abnormalities of the Thalamus in Youths With Attention Deficit Hyperactivity Disorder. <i>American Journal of Psychiatry</i> , 2010, 167, 397-408.	4.0	142
299	Exploiting Phenotypic Plasticity for the Treatment of Hepatopulmonary Shunting in Abernethy Malformation. <i>Journal of Vascular and Interventional Radiology</i> , 2010, 21, 917-922.	0.2	26
300	Neuroplasticity in the Mesolimbic System Induced by Natural Reward and Subsequent Reward Abstinence. <i>Biological Psychiatry</i> , 2010, 67, 872-879.	0.7	95
301	Behavioral and Morphological Responses to Cocaine Require Kalirin7. <i>Biological Psychiatry</i> , 2010, 68, 249-255.	0.7	76
302	A neurocomputational method for fully automated 3D dendritic spine detection and segmentation of medium-sized spiny neurons. <i>NeuroImage</i> , 2010, 50, 1472-1484.	2.1	38
304	Deletion of the GluR5 subunit of kainate receptors affects cocaine sensitivity and preference. <i>Neuroscience Letters</i> , 2010, 468, 186-189.	1.0	6
305	A sensitizing d-amphetamine dose regimen induces long-lasting spinophilin and VGLUT1 protein upregulation in the rat diencephalon. <i>Neuroscience Letters</i> , 2010, 469, 49-54.	1.0	11
306	The use of neuroproteomics in drug abuse research. <i>Drug and Alcohol Dependence</i> , 2010, 107, 11-22.	1.6	17
307	The endogenous opioid system: A common substrate in drug addiction. <i>Drug and Alcohol Dependence</i> , 2010, 108, 183-194.	1.6	198
308	Juvenile peer play experience and the development of the orbitofrontal and medial prefrontal cortices. <i>Behavioural Brain Research</i> , 2010, 207, 7-13.	1.2	181
309	Repeated intravenous cocaine experience: Development and escalation of pre-drug anticipatory 50-kHz ultrasonic vocalizations in rats. <i>Behavioural Brain Research</i> , 2010, 212, 109-114.	1.2	85
310	Cocaine deprivation effect: Cue abstinence over weekends boosts anticipatory 50-kHz ultrasonic vocalizations in rats. <i>Behavioural Brain Research</i> , 2010, 214, 75-79.	1.2	41
311	Prevention and treatment of drug addiction by environmental enrichment. <i>Progress in Neurobiology</i> , 2010, 92, 572-592.	2.8	203
312	Adolescent development, hypothalamic-pituitary-adrenal function, and programming of adult learning and memory. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010, 34, 756-765.	2.5	186
313	Perinatal undernutrition facilitates morphine sensitization and cross-sensitization to cocaine in adult rats: a behavioral and neurochemical study. <i>Neuroscience</i> , 2010, 165, 475-484.	1.1	12
314	State-dependent plasticity of the corticostriatal pathway. <i>Neuroscience</i> , 2010, 165, 1013-1018.	1.1	14

#	ARTICLE	IF	CITATIONS
315	Adaptations in medial prefrontal cortex function associated with amphetamine-induced behavioral sensitization. <i>Neuroscience</i> , 2010, 166, 615-624.	1.1	21
316	Dopamine D1 and N-methyl-d-aspartate receptors and extracellular signal-regulated kinase mediate neuronal morphological changes induced by repeated cocaine administration. <i>Neuroscience</i> , 2010, 168, 48-60.	1.1	57
317	Chronic low dose Adderall XR <sup>®</sup> down-regulates cfos expression in infantile and prepubertal rat striatum and cortex. <i>Neuroscience</i> , 2010, 169, 1901-1912.	1.1	12
318	Persistent gene expression changes in ventral tegmental area of adolescent but not adult rats in response to chronic nicotine. <i>Neuroscience</i> , 2010, 170, 503-513.	1.1	21
319	Electrophysiological and structural alterations in striatum associated with behavioral sensitization to (±)3,4-methylenedioxymethamphetamine (ecstasy) in rats: role of drug context. <i>Neuroscience</i> , 2010, 171, 794-811.	1.1	16
320	The addicted synapse: mechanisms of synaptic and structural plasticity in nucleus accumbens. <i>Trends in Neurosciences</i> , 2010, 33, 267-276.	4.2	566
321	The Bermuda Triangle of cocaine-induced neuroadaptations. <i>Trends in Neurosciences</i> , 2010, 33, 391-398.	4.2	462
322	Mixing pleasures: Review of the effects of drugs on sex behavior in humans and animal models. <i>Hormones and Behavior</i> , 2010, 58, 149-162.	1.0	102
323	Methamphetamine enhances paced mating behaviors and neuroplasticity in the medial amygdala of female rats. <i>Hormones and Behavior</i> , 2010, 58, 519-525.	1.0	50
324	The time course of unconditioned morphine-induced psychomotor sensitization mirrors the phosphorylation of FADD and MEK/ERK in rat striatum: Role of PEA-15 as a FADD-ERK binding partner in striatal plasticity. <i>European Neuropsychopharmacology</i> , 2010, 20, 49-64.	0.3	28
325	Interactive Comorbidity between Opioid Drug Abuse and HIV-1 Tat. <i>American Journal of Pathology</i> , 2010, 177, 1397-1410.	1.9	133
326	The Role of Serotonin in Drug Addiction. <i>Handbook of Behavioral Neuroscience</i> , 2010, , 507-545.	0.7	10
327	Cortico-Basal Ganglia Reward Network: Microcircuitry. <i>Neuropsychopharmacology</i> , 2010, 35, 27-47.	2.8	820
328	Biocytin-Derived MRI Contrast Agent for Longitudinal Brain Connectivity Studies. <i>ACS Chemical Neuroscience</i> , 2011, 2, 578-587.	1.7	8
329	Methamphetamine Self-Administration Produces Attentional Set-Shifting Deficits and Alters Prefrontal Cortical Neurophysiology in Rats. <i>Biological Psychiatry</i> , 2011, 69, 253-259.	0.7	66
330	Catechol-O-Methyltransferase Val158Met Polymorphism Moderates Anterior Cingulate Volume in Posttraumatic Stress Disorder. <i>Biological Psychiatry</i> , 2011, 70, 1091-1096.	0.7	31
331	Mild Prenatal Stress-Modulated Behavior and Neuronal Spine Density without Affecting Amphetamine Sensitization. <i>Developmental Neuroscience</i> , 2011, 33, 85-98.	1.0	64
332	Reduced striatal volume in cocaine-dependent patients. <i>NeuroImage</i> , 2011, 56, 1021-1026.	2.1	128

#	ARTICLE	IF	CITATIONS
333	Opiate versus psychostimulant addiction: the differences do matter. <i>Nature Reviews Neuroscience</i> , 2011, 12, 685-700.	4.9	412
334	Molecular and Functional Models in Neuropsychiatry. <i>Current Topics in Behavioral Neurosciences</i> , 2011, , .	0.8	3
335	Tactile stimulation during development attenuates amphetamine sensitization and structurally reorganizes prefrontal cortex and striatum in a sex-dependent manner.. <i>Behavioral Neuroscience</i> , 2011, 125, 161-174.	0.6	41
336	Decreased striatal dopamine transporters in codeine-containing cough syrup abusers. <i>Drug and Alcohol Dependence</i> , 2011, 118, 148-151.	1.6	26
337	Developmental aspects of the cholinergic system. <i>Behavioural Brain Research</i> , 2011, 221, 367-378.	1.2	130
338	Gene expression of conditioned locomotion and context-specific locomotor sensitization controlled by morphine-associated environment. <i>Behavioural Brain Research</i> , 2011, 216, 321-331.	1.2	13
339	Involvement of p38/NF- $\kappa$ B signaling pathway in the nucleus accumbens in the rewarding effects of morphine in rats. <i>Behavioural Brain Research</i> , 2011, 218, 184-189.	1.2	36
340	Maternal separation altered behavior and neuronal spine density without influencing amphetamine sensitization. <i>Behavioural Brain Research</i> , 2011, 223, 7-16.	1.2	89
341	Early life stress decreases hippocampal BDNF content and exacerbates recognition memory deficits induced by repeated d-amphetamine exposure. <i>Behavioural Brain Research</i> , 2011, 224, 100-106.	1.2	40
342	Hooked on benzodiazepines: GABAA receptor subtypes and addiction. <i>Trends in Neurosciences</i> , 2011, 34, 188-197.	4.2	284
343	Emerging themes in GABAergic synapse development. <i>Progress in Neurobiology</i> , 2011, 95, 68-87.	2.8	32
344	Diverse behavioral, monoaminergic and Fos protein responses to opioids in Warsaw high-alcohol preferring and Warsaw low-alcohol preferring rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 588-597.	2.5	3
345	Opiates and plasticity. <i>Neuropharmacology</i> , 2011, 61, 1088-1096.	2.0	53
346	Natural rewards, neuroplasticity, and non-drug addictions. <i>Neuropharmacology</i> , 2011, 61, 1109-1122.	2.0	274
347	Sex differences and effects of cocaine on excitatory synapses in the nucleus accumbens. <i>Neuropharmacology</i> , 2011, 61, 217-227.	2.0	85
348	Cocaine enhances ST8Siall mRNA expression and neural cell adhesion molecule polysialylation in the rat medial prefrontal cortex. <i>Neuroscience</i> , 2011, 186, 21-31.	1.1	12
349	Glutamatergic Neuroplasticity in Cocaine Addiction. <i>Progress in Molecular Biology and Translational Science</i> , 2011, 98, 367-400.	0.9	27
351	MPTP Neurotoxicity and Testosterone Induce Dendritic Remodeling of Striatal Medium Spiny Neurons in the C57Bl/6 Mouse. <i>Parkinson's Disease</i> , 2011, 2011, 1-10.	0.6	16

#	ARTICLE	IF	CITATIONS
352	Paradoxical phenomena in brain plasticity. , 0, , 350-364.		0
353	Genome-Wide Expression Analysis Reveals Diverse Effects of Acute Nicotine Exposure on Neuronal Function-Related Genes and Pathways. <i>Frontiers in Psychiatry</i> , 2011, 2, 5.	1.3	18
354	The Dopamine Hypothesis of Drug Addiction and Its Potential Therapeutic Value. <i>Frontiers in Psychiatry</i> , 2011, 2, 64.	1.3	175
355	Individual differences in substance dependence: at the intersection of brain, behaviour and cognition. <i>Addiction Biology</i> , 2011, 16, 458-466.	1.4	48
356	Methamphetamine-associated cleavage of the synaptic adhesion molecule intercellular adhesion molecule-5. <i>Journal of Neurochemistry</i> , 2011, 118, 521-532.	2.1	53
357	Searching for factors underlying cerebral plasticity in the normal and injured brain. <i>Journal of Communication Disorders</i> , 2011, 44, 503-514.	0.8	30
358	Involvement of brain intracellular proteolytic systems in the effects of opiates: Caspases. <i>Neurochemical Journal</i> , 2011, 5, 240-244.	0.2	0
359	Effect of 3,4-methylenedioxyamphetamine on dendritic spine dynamics in rat neocortical neurons – Involvement of heat shock protein 27. <i>Brain Research</i> , 2011, 1370, 43-52.	1.1	7
360	Prenatal tactile stimulation attenuates drug-induced behavioral sensitization, modifies behavior, and alters brain architecture. <i>Brain Research</i> , 2011, 1400, 53-65.	1.1	23
361	Transcriptional and epigenetic mechanisms of addiction. <i>Nature Reviews Neuroscience</i> , 2011, 12, 623-637.	4.9	850
362	Animal Models of Epigenetic Regulation in Neuropsychiatric Disorders. <i>Current Topics in Behavioral Neurosciences</i> , 2011, 7, 281-322.	0.8	10
363	Prenatal Amphetamine Exposure Effects on Dopaminergic Receptors and Transporter in Postnatal Rats. <i>Neurochemical Research</i> , 2011, 36, 1740-1749.	1.6	9
364	Estradiol reduces dendritic spine density in the ventral striatum of female Syrian hamsters. <i>Brain Structure and Function</i> , 2011, 215, 187-194.	1.2	58
365	ELAV – GAP43 pathway activation following combined exposure to cocaine and stress. <i>Psychopharmacology</i> , 2011, 218, 249-256.	1.5	8
366	Influence of morphine sensitization on the responsiveness of mesolimbic and mesocortical dopamine transmission to appetitive and aversive gustatory stimuli. <i>Psychopharmacology</i> , 2011, 216, 345-353.	1.5	20
367	Abolition of the behavioral phenotype of adult netrin-1 receptor deficient mice by exposure to amphetamine during the juvenile period. <i>Psychopharmacology</i> , 2011, 217, 505-514.	1.5	25
368	The effects of aerobic exercise on cocaine self-administration in male and female rats. <i>Psychopharmacology</i> , 2011, 218, 357-369.	1.5	66
369	The AT <sub>1</sub> angiotensin II receptor blockade attenuates the development of amphetamine-induced behavioral sensitization in a two-injection protocol. <i>Synapse</i> , 2011, 65, 505-512.	0.6	26

#	ARTICLE	IF	CITATIONS
370	Cocaine alters dendritic spine density in cortical and subcortical brain regions of the postpartum and virgin female rat. <i>Synapse</i> , 2011, 65, 955-961.	0.6	43
371	MDMA (‘ecstasy’) abuse as an example of dopamine neuroplasticity. <i>Neuroscience and Biobehavioral Reviews</i> , 2011, 35, 1203-1218.	2.9	33
372	An embryonic culture system for the investigation of striatal medium spiny neuron dendritic spine development and plasticity. <i>Journal of Neuroscience Methods</i> , 2011, 200, 1-13.	1.3	34
373	Neurobehavioral adaptations to methylphenidate: The issue of early adolescent exposure. <i>Neuroscience and Biobehavioral Reviews</i> , 2011, 35, 1722-1739.	2.9	95
374	Altered Mesolimbic Dopamine System in THC Dependence. <i>Current Neuropharmacology</i> , 2011, 9, 200-204.	1.4	15
375	Concurrent Exposure to Methamphetamine and Sexual Behavior Enhances Subsequent Drug Reward and Causes Compulsive Sexual Behavior in Male Rats. <i>Journal of Neuroscience</i> , 2011, 31, 16473-16482.	1.7	28
376	A Silent Synapse-Based Mechanism for Cocaine-Induced Locomotor Sensitization. <i>Journal of Neuroscience</i> , 2011, 31, 8163-8174.	1.7	156
377	Ca <sup>v</sup> 1.2 L-Type Ca <sup>2+</sup> Channels Mediate Cocaine-Induced GluA1 Trafficking in the Nucleus Accumbens, a Long-Term Adaptation Dependent on Ventral Tegmental Area Ca <sup>v</sup> 1.3 Channels. <i>Journal of Neuroscience</i> , 2011, 31, 13562-13575.	1.7	79
378	Cell adhesion signaling pathways. <i>Communicative and Integrative Biology</i> , 2011, 4, 30-33.	0.6	8
379	Integrins Modulate Relapse to Cocaine-Seeking. <i>Journal of Neuroscience</i> , 2011, 31, 16177-16184.	1.7	39
380	Harnessing neuroplasticity for clinical applications. <i>Brain</i> , 2011, 134, 1591-1609.	3.7	907
381	Heroin relapse requires long-term potentiation-like plasticity mediated by NMDA2b-containing receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 19407-19412.	3.3	154
382	Targeting of the Arpc3 actin nucleation factor by miR-29a/b regulates dendritic spine morphology. <i>Journal of Cell Biology</i> , 2011, 194, 889-904.	2.3	125
383	Mediating the Effects of Drug Abuse: The Role of Narp in Synaptic Plasticity. <i>ILAR Journal</i> , 2011, 52, 321-328.	1.8	5
384	Effects of chronic intermittent ethanol exposure on orbitofrontal and medial prefrontal cortex-dependent behaviors in mice.. <i>Behavioral Neuroscience</i> , 2011, 125, 879-891.	0.6	78
385	Role of netrin-1 in the organization and function of the mesocorticolimbic dopamine system. <i>Journal of Psychiatry and Neuroscience</i> , 2011, 36, 296-310.	1.4	51
386	The Hepatocyte Growth Factor/c-Met Antagonist, Divalinal-Angiotensin IV, Blocks the Acquisition of Methamphetamine Dependent Conditioned Place Preference in Rats. <i>Brain Sciences</i> , 2012, 2, 298-318.	1.1	3
387	Striatal D2 Receptors Regulate Dendritic Morphology of Medium Spiny Neurons via Kir2 Channels. <i>Journal of Neuroscience</i> , 2012, 32, 2398-2409.	1.7	89

#	ARTICLE	IF	CITATIONS
388	Dopamine-Regulated MicroRNA MiR-181a Controls GluA2 Surface Expression in Hippocampal Neurons. <i>Molecular and Cellular Biology</i> , 2012, 32, 619-632.	1.1	189
389	Mechanisms of Psychostimulant-Induced Structural Plasticity. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2012, 2, a011957-a011957.	2.9	48
390	Differential Modulation of Drug-Induced Structural and Functional Plasticity of Dendritic Spines. <i>Molecular Pharmacology</i> , 2012, 82, 333-343.	1.0	40
391	Substance abuse disorders. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2012, 106, 419-431.	1.0	13
392	Long-Term Effects of Chronic Oral Ritalin Administration on Cognitive and Neural Development in Adolescent Wistar Kyoto Rats. <i>Brain Sciences</i> , 2012, 2, 375-404.	1.1	16
393	Learning to cope with stress: psychobiological mechanisms of stress resilience. <i>Reviews in the Neurosciences</i> , 2012, 23, 659-72.	1.4	37
394	Adolescent amphetamine exposure elicits dose-specific effects on monoaminergic neurotransmission and behaviour in adulthood. <i>International Journal of Neuropsychopharmacology</i> , 2012, 15, 1319-1330.	1.0	29
395	Signaling via Dopamine D1 and D3 Receptors Oppositely Regulates Cocaine-Induced Structural Remodeling of Dendrites and Spines. <i>NeuroSignals</i> , 2012, 20, 15-34.	0.5	22
396	Adenosinergic system: an assorted approach to therapeutics for drug addiction. <i>Future Neurology</i> , 2012, 7, 307-327.	0.9	3
397	Opiate Drug Use and the Pathophysiology of NeuroAIDS. <i>Current HIV Research</i> , 2012, 10, 435-452.	0.2	94
398	Dopaminergic modulation of incentive motivation in adolescence: Age-related changes in signaling, individual differences, and implications for the development of self-regulation.. <i>Developmental Psychology</i> , 2012, 48, 844-861.	1.2	121
399	Stress-induced sensitization to cocaine: actin cytoskeleton remodeling within mesocorticolimbic nuclei. <i>European Journal of Neuroscience</i> , 2012, 36, 3103-3117.	1.2	25
400	Methylphenidate administration determines enduring changes in neuroglial network in rats. <i>European Neuropsychopharmacology</i> , 2012, 22, 53-63.	0.3	23
401	Greater executive and visual memory dysfunction in comorbid bipolar disorder and substance use disorder. <i>Psychiatry Research</i> , 2012, 200, 252-257.	1.7	33
402	Experience and the developing prefrontal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 17186-17193.	3.3	447
403	Motivational and cognitive inhibitory control in recreational cannabis users. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2012, 34, 688-697.	0.8	34
404	Cocaine sensitization does not alter SP effects on locomotion or excitatory synaptic transmission in the NAc of rats. <i>Neuropharmacology</i> , 2012, 62, 825-832.	2.0	1
405	Stress during development alters dendritic morphology in the nucleus accumbens and prefrontal cortex. <i>Neuroscience</i> , 2012, 216, 103-109.	1.1	120



#	ARTICLE	IF	CITATIONS
406	Neurochemical and Neurostructural Plasticity in Alcoholism. ACS Chemical Neuroscience, 2012, 3, 494-504.	1.7	18
407	Cilnidipine, an L/N-type calcium channel blocker prevents acquisition and expression of ethanol-induced locomotor sensitization in mice. Neuroscience Letters, 2012, 514, 91-95.	1.0	4
408	Nicotine-induced dendritic remodeling in the insular cortex. Neuroscience Letters, 2012, 516, 89-93.	1.0	16
409	Neuronal d-serine regulates dendritic architecture in the somatosensory cortex. Neuroscience Letters, 2012, 517, 77-81.	1.0	44
410	Amphetamine stereotypy, the basal ganglia, and the "selection problem". Behavioural Brain Research, 2012, 231, 297-308.	1.2	22
411	Sensorimotor assessment of the unilateral 6-hydroxydopamine mouse model of Parkinson's disease. Behavioural Brain Research, 2012, 230, 309-316.	1.2	108
412	Acute and chronic methylphenidate modulates the neuronal activity of the caudate nucleus recorded from freely behaving rats. Brain Research Bulletin, 2012, 87, 387-396.	1.4	27
413	Estrogens facilitate memory processing through membrane mediated mechanisms and alterations in spine density. Frontiers in Neuroendocrinology, 2012, 33, 388-402.	2.5	87
414	Prenatal nicotine exposure alters neuroanatomical organization of the developing brain. Synapse, 2012, 66, 950-954.	0.6	47
415	Drug Experience Epigenetically Primes Fosb Gene Inducibility in Rat Nucleus Accumbens. Journal of Neuroscience, 2012, 32, 10267-10272.	1.7	41
416	Epigenetics, Brain and Behavior. Research and Perspectives in Neurosciences, 2012, , .	0.4	5
417	Reversal of cocaine-evoked synaptic potentiation resets drug-induced adaptive behaviour. Nature, 2012, 481, 71-75.	13.7	380
418	Rac1 is essential in cocaine-induced structural plasticity of nucleus accumbens neurons. Nature Neuroscience, 2012, 15, 891-896.	7.1	160
419	Differential involvement of prelimbic and infralimbic medial prefrontal cortex in discrete cue-induced reinstatement of 3,4-methylenedioxymethamphetamine (MDMA; ecstasy) seeking in rats. Psychopharmacology, 2012, 224, 377-385.	1.5	32
420	Chronic Alcohol Exposure Alters Behavioral and Synaptic Plasticity of the Rodent Prefrontal Cortex. PLoS ONE, 2012, 7, e37541.	1.1	202
421	Withdrawal from Cocaine Self-Administration Alters NMDA Receptor-Mediated Ca <sup>2+</sup> Entry in Nucleus Accumbens Dendritic Spines. PLoS ONE, 2012, 7, e40898.	1.1	17
422	Enhanced Anxiety Observed in Cocaine Withdrawn Rats Is Associated with Altered Reactivity of the Dorsomedial Prefrontal Cortex. PLoS ONE, 2012, 7, e43535.	1.1	28
423	Calcium-permeable AMPA receptors in the VTA and nucleus accumbens after cocaine exposure: when, how, and why?. Frontiers in Molecular Neuroscience, 2012, 5, 72.	1.4	178



#	ARTICLE	IF	CITATIONS
424	Microglia and Drug-Induced Plasticity in Reward-Related Neuronal Circuits. <i>Frontiers in Molecular Neuroscience</i> , 2012, 5, 74.	1.4	18
425	Animal Models of Drug Addiction. , 0, , .		6
426	Addictive Drugs and Synaptic Plasticity. , 0, , .		0
427	An Integrative Review of Estradiol Effects on Dendritic Spines and Memory over the Lifespan. , 0, , .		4
428	Neuroprotection in Animal Models of Global Cerebral Ischemia. , 2012, , .		4
430	Prenatal stress alters dendritic morphology and synaptic connectivity in the prefrontal cortex and hippocampus of developing offspring. <i>Synapse</i> , 2012, 66, 308-314.	0.6	105
431	Social influences on neuroplasticity: stress and interventions to promote well-being. <i>Nature Neuroscience</i> , 2012, 15, 689-695.	7.1	606
432	Age, experience, injury, and the changing brain. <i>Developmental Psychobiology</i> , 2012, 54, 311-325.	0.9	73
433	Expression Levels of the BDNF Gene and Histone Modifications Around Its Promoters in the Ventral Tegmental Area and Locus Ceruleus of Rats During Forced Abstinence from Morphine. <i>Neurochemical Research</i> , 2012, 37, 1517-1523.	1.6	49
434	Reversal of stress-induced dendritic atrophy in the prefrontal cortex by intracranial self-stimulation. <i>Journal of Neural Transmission</i> , 2012, 119, 533-543.	1.4	20
435	Pre- and synaptic dopamine D <sub>3</sub> receptor mediates cocaine-induced structural plasticity in mesencephalic dopaminergic neurons via ERK and Akt pathways. <i>Journal of Neurochemistry</i> , 2012, 120, 765-778.	2.1	43
436	Acute and chronic methylphenidate alters prefrontal cortex neuronal activity recorded from freely behaving rats. <i>European Journal of Pharmacology</i> , 2012, 679, 60-67.	1.7	25
437	Reconsolidation of drug memories. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 1400-1417.	2.9	106
438	CM156, a sigma receptor ligand, reverses cocaine-induced place conditioning and transcriptional responses in the brain. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 101, 174-180.	1.3	21
439	Pharmacotherapeutics directed at deficiencies associated with cocaine dependence: Focus on dopamine, norepinephrine and glutamate. , 2012, 134, 260-277.		47
440	Structural and behavioral correlates of abnormal encoding of money value in the sensorimotor striatum in cocaine addiction. <i>European Journal of Neuroscience</i> , 2012, 36, 2979-2988.	1.2	43
441	Distinct roles of dopamine D3 receptors in modulating methamphetamine-induced behavioral sensitization and ultrastructural plasticity in the shell of the nucleus accumbens. <i>Journal of Neuroscience Research</i> , 2012, 90, 895-904.	1.3	41
442	Kalirin Signaling: Implications for Synaptic Pathology. <i>Molecular Neurobiology</i> , 2012, 45, 109-118.	1.9	28

#	ARTICLE	IF	CITATIONS
443	Reversible brain white matter microstructure changes in heroin addicts: a longitudinal study. <i>Addiction Biology</i> , 2013, 18, 727-728.	1.4	15
444	Dynamic modulation of basic Fibroblast Growth Factor (FGF-2) expression in the rat brain following repeated exposure to cocaine during adolescence. <i>Psychopharmacology</i> , 2013, 225, 553-560.	1.5	10
445	Chronic Alcohol Alters Dendritic Spine Development in Neurons in Primary Culture. <i>Neurotoxicity Research</i> , 2013, 24, 532-548.	1.3	21
446	AMPA receptor endocytosis in the amygdala is involved in the disrupted reconsolidation of Methamphetamine-associated contextual memory. <i>Neurobiology of Learning and Memory</i> , 2013, 103, 72-81.	1.0	20
447	Cocaine-induced structural plasticity in frontal cortex correlates with conditioned place preference. <i>Nature Neuroscience</i> , 2013, 16, 1367-1369.	7.1	81
448	Does prenatal nicotine exposure alter the brain's response to nicotine in adolescence? A neuroanatomical analysis. <i>European Journal of Neuroscience</i> , 2013, 38, 2491-2503.	1.2	13
449	Adult female rats' altered diurnal locomotor activity pattern following chronic methylphenidate treatment. <i>Journal of Neural Transmission</i> , 2013, 120, 1717-1731.	1.4	9
450	Long-term effects of cocaine experience on neuroplasticity in the nucleus accumbens core of addiction-prone rats. <i>Neuroscience</i> , 2013, 248, 571-584.	1.1	22
451	Long-term alterations to dendritic morphology and spine density associated with prenatal exposure to nicotine. <i>Brain Research</i> , 2013, 1499, 53-60.	1.1	43
452	Training on motor and visual spatial learning tasks in early adulthood produces large changes in dendritic organization of prefrontal cortex and nucleus accumbens in rats given nicotine prenatally. <i>Neuroscience</i> , 2013, 252, 178-189.	1.1	14
453	Differential behavioral reinforcement effects of dopamine receptor agonists in the rat with bilateral lesion of the posterior ventral tegmental area. <i>Behavioural Brain Research</i> , 2013, 252, 24-31.	1.2	29
454	Remodeling of the dendritic structure of the striatal medium spiny neurons accompanies behavioral recovery in a mouse model of Parkinson's disease. <i>Neuroscience Letters</i> , 2013, 557, 95-100.	1.0	21
455	Differential striatal spine pathology in Parkinson's disease and cocaine addiction: A key role of dopamine?. <i>Neuroscience</i> , 2013, 251, 2-20.	1.1	84
456	Maturation of silent synapses in amygdala-accumbens projection contributes to incubation of cocaine craving. <i>Nature Neuroscience</i> , 2013, 16, 1644-1651.	7.1	256
457	Homeostatic regulation of memory systems and adaptive decisions. <i>Hippocampus</i> , 2013, 23, 1103-1124.	0.9	31
458	Differential sensitivity to the acute and sensitizing behavioral effects of methylphenidate as a function of strain in adolescent and young adult rats. <i>Behavioral and Brain Functions</i> , 2013, 9, 38.	1.4	8
459	EGFR dependent subcellular communication was responsible for morphine mediated AC superactivation. <i>Cellular Signalling</i> , 2013, 25, 417-428.	1.7	9
460	New insights on neurobiological mechanisms underlying alcohol addiction. <i>Neuropharmacology</i> , 2013, 67, 223-232.	2.0	68

#	ARTICLE	IF	CITATIONS
461	The Synaptic Adhesion Molecule SynCAM 1 Contributes to Cocaine Effects on Synapse Structure and Psychostimulant Behavior. <i>Neuropsychopharmacology</i> , 2013, 38, 628-638.	2.8	30
462	MR imaging of the effects of methylphenidate on brain structure and function in Attention-Deficit/Hyperactivity Disorder. <i>European Neuropsychopharmacology</i> , 2013, 23, 1151-1164.	0.3	76
463	Endogenous morphine and its metabolites in mammals: History, synthesis, localization and perspectives. <i>Neuroscience</i> , 2013, 233, 95-117.	1.1	55
464	Roles of levo-tetrahydropalmatine in modulating methamphetamine reward behavior. <i>Physiology and Behavior</i> , 2013, 118, 195-200.	1.0	36
465	Individual variation in resisting temptation: Implications for addiction. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 1955-1975.	2.9	141
466	The mu/kappa agonist nalbuphine attenuates sensitization to the behavioral effects of cocaine. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 104, 40-46.	1.3	12
467	Amphetamine dephosphorylates ERM proteins in the nucleus accumbens core and lithium attenuates its effects. <i>Neuroscience Letters</i> , 2013, 552, 103-107.	1.0	2
468	The atypical dopamine transport inhibitor, JHW 007, prevents amphetamine-induced sensitization and synaptic reorganization within the nucleus accumbens. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 44, 73-80.	2.5	15
469	Adult hippocampal neurogenesis in the pathogenesis of addiction and dual diagnosis disorders. <i>Drug and Alcohol Dependence</i> , 2013, 130, 1-12.	1.6	87
470	Juvenile play experience primes neurons in the medial prefrontal cortex to be more responsive to later experiences. <i>Neuroscience Letters</i> , 2013, 556, 42-45.	1.0	56
471	Persistent gene expression changes in NAc, mPFC, and OFC associated with previous nicotine or amphetamine exposure. <i>Behavioural Brain Research</i> , 2013, 256, 655-661.	1.2	45
472	Dynamic downregulation of Nogo receptor expression in the rat forebrain by amphetamine. <i>Neurochemistry International</i> , 2013, 63, 195-200.	1.9	4
473	Emerging roles of actin cytoskeleton regulating enzymes in drug addiction: actin or reactinâ€™™?. <i>Current Opinion in Neurobiology</i> , 2013, 23, 507-512.	2.0	35
474	Region-specific expression of brain-derived neurotrophic factor splice variants in morphine conditioned place preference in mice. <i>Brain Research</i> , 2013, 1519, 53-62.	1.1	19
475	Constitutive knockout of the membrane cytoskeleton protein beta adducin decreases mushroom spine density in the nucleus accumbens but does not prevent spine remodeling in response to cocaine. <i>European Journal of Neuroscience</i> , 2013, 37, 1-9.	1.2	14
476	Reduced LTP and LTD in prefrontal cortex synapses in the nucleus accumbens after heroin self-administration. <i>International Journal of Neuropsychopharmacology</i> , 2013, 16, 1165-1167.	1.0	50
477	Dendritic structural plasticity in the basolateral amygdala after fear conditioning and its extinction in mice. <i>Behavioural Brain Research</i> , 2013, 248, 80-84.	1.2	44
478	High levels of wheel running protect against behavioral sensitization to cocaine. <i>Behavioural Brain Research</i> , 2013, 237, 82-85.	1.2	20

#	ARTICLE	IF	CITATIONS
479	Brain Plasticity in the Developing Brain. <i>Progress in Brain Research</i> , 2013, 207, 35-64.	0.9	77
480	Essential Role of SIRT1 Signaling in the Nucleus Accumbens in Cocaine and Morphine Action. <i>Journal of Neuroscience</i> , 2013, 33, 16088-16098.	1.7	113
481	Kalirin-7 Mediates Cocaine-Induced AMPA Receptor and Spine Plasticity, Enabling Incentive Sensitization. <i>Journal of Neuroscience</i> , 2013, 33, 11012-11022.	1.7	44
482	Adolescent Cocaine Exposure Causes Enduring Macroscale Changes in Mouse Brain Structure. <i>Journal of Neuroscience</i> , 2013, 33, 1797-1803.	1.7	38
483	Roles of dopaminergic innervation of nucleus accumbens shell and dorsolateral caudate-putamen in cue-induced morphine seeking after prolonged abstinence and the underlying D1- and D2-like receptor mechanisms in rats. <i>Journal of Psychopharmacology</i> , 2013, 27, 181-191.	2.0	27
484	JunD overexpression in the nucleus accumbens prevents sexual reward in female Syrian hamsters. <i>Genes, Brain and Behavior</i> , 2013, 12, 666-672.	1.1	19
485	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, 4295-4307.	1.7	175
486	Use of functional imaging across clinical phases in CNS drug development. <i>Translational Psychiatry</i> , 2013, 3, e282-e282.	2.4	50
487	FosB 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, 1923-1928.	3.3	167
488	Chronic alcohol produces neuroadaptations to prime dorsal striatal learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 14783-14788.	3.3	172
489	Association of the COMT Met158 allele with trait impulsivity in healthy young adults. <i>Molecular Medicine Reports</i> , 2013, 7, 1067-1072.	1.1	46
490	A Role for Matrix Metalloproteinases in Nicotine-Induced Conditioned Place Preference and Relapse in Adolescent Female Rats. <i>Journal of Experimental Neuroscience</i> , 2013, 7, JEN.S11381.	2.3	30
491	Visualizing the Effects of a Positive Early Experience, Tactile Stimulation, on Dendritic Morphology and Synaptic Connectivity with Golgi-Cox Staining. <i>Journal of Visualized Experiments</i> , 2013, , e50694.	0.2	6
492	Antipsychotic Drug Effects in Schizophrenia: A Review of Longitudinal fMRI Investigations and Neural Interpretations. <i>Current Medicinal Chemistry</i> , 2013, 20, 428-437.	1.2	3
493	Role of nucleus accumbens glutamatergic plasticity in drug addiction. <i>Neuropsychiatric Disease and Treatment</i> , 2013, 9, 1499.	1.0	89
494	The Addicted Brain. <i>Frontiers in Psychiatry</i> , 2013, 4, 40.	1.3	8
495	Addiction is Not a Natural Kind. <i>Frontiers in Psychiatry</i> , 2013, 4, 123.	1.3	48
496	Episodic Memories and Their Relevance for Psychoactive Drug Use and Addiction. <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 34.	1.0	33

#	ARTICLE	IF	CITATIONS
497	Context Prediction Analysis and Episodic Memory. <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 132.	1.0	24
498	Optogenetic inhibition of D1R containing nucleus accumbens neurons alters cocaine-mediated regulation of Tiam1. <i>Frontiers in Molecular Neuroscience</i> , 2013, 6, 13.	1.4	69
499	Evidence for Fibroblast Growth Factor-2 as a Mediator of Amphetamine-Enhanced Motor Improvement following Stroke. <i>PLoS ONE</i> , 2014, 9, e108031.	1.1	18
500	ADHD and Substance Use. , 2014, , .		4
501	Harnessing the power of neuroplasticity for intervention. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 377.	1.0	47
502	Prefrontal Cortical Dopamine Transmission. , 2014, , 467-501.		3
503	Hippocampal changes produced by overexpression of the human CHRNA5/A3/B4 gene cluster may underlie cognitive deficits rescued by nicotine in transgenic mice. <i>Acta Neuropathologica Communications</i> , 2014, 2, 147.	2.4	6
504	Î±CaMKII controls the establishment of cocaine's reinforcing effects in mice and humans. <i>Translational Psychiatry</i> , 2014, 4, e457-e457.	2.4	33
505	Structural plasticity in mesencephalic dopaminergic neurons produced by drugs of abuse: critical role of BDNF and dopamine. <i>Frontiers in Pharmacology</i> , 2014, 5, 259.	1.6	52
506	Yin and Yang: Unsilencing Synapses to Control Cocaine Seeking. <i>Neuron</i> , 2014, 83, 1234-1236.	3.8	0
507	Neural ECM in addiction, schizophrenia, and mood disorder. <i>Progress in Brain Research</i> , 2014, 214, 263-284.	0.9	49
508	Environmental enrichment alters structural plasticity of the adolescent brain but does not remediate the effects of prenatal nicotine exposure. <i>Synapse</i> , 2014, 68, n/a-n/a.	0.6	16
509	Abstinence from Cocaine and Sucrose Self-Administration Reveals Altered Mesocorticolimbic Circuit Connectivity by Resting State MRI. <i>Brain Connectivity</i> , 2014, 4, 499-510.	0.8	31
510	Critical role of peripheral drug actions in experience-dependent changes in nucleus accumbens glutamate release induced by intravenous cocaine. <i>Journal of Neurochemistry</i> , 2014, 128, 672-685.	2.1	23
511	The selfish goal meets the selfish gene. <i>Behavioral and Brain Sciences</i> , 2014, 37, 153-154.	0.4	2
512	Genes, hosts, goals: Disentangling causal dependencies. <i>Behavioral and Brain Sciences</i> , 2014, 37, 150-151.	0.4	1
513	Rem2 Is an Activity-Dependent Negative Regulator of Dendritic Complexity <i>In Vivo</i> . <i>Journal of Neuroscience</i> , 2014, 34, 392-407.	1.7	44
514	Mapping the goal space: Personality integration and higher-order goals. <i>Behavioral and Brain Sciences</i> , 2014, 37, 144-145.	0.4	4

#	ARTICLE	IF	CITATIONS
515	The effects of being conscious: Looking for the right evidence. Behavioral and Brain Sciences, 2014, 37, 149-150.	0.4	0
516	Development links psychological causes to evolutionary explanations. Behavioral and Brain Sciences, 2014, 37, 142-143.	0.4	1
517	Multitudes of perspectives: Integrating the Selfish Goal model with views on scientific metaphors, goal systems, and society. Behavioral and Brain Sciences, 2014, 37, 159-175.	0.4	0
518	Theoretical integration in motivational science: System justification as one of many "autonomous motivational structures". Behavioral and Brain Sciences, 2014, 37, 146-147.	0.4	10
519	Cui bono? Selfish goals need to pay their way. Behavioral and Brain Sciences, 2014, 37, 155-156.	0.4	0
520	A deeper integration of Selfish Goal Theory and modern evolutionary psychology. Behavioral and Brain Sciences, 2014, 37, 140-141.	0.4	1
521	Selfish goals serve more fundamental social and biological goals. Behavioral and Brain Sciences, 2014, 37, 137-138.	0.4	4
522	Selfish goals must compete for the common currency of reward. Behavioral and Brain Sciences, 2014, 37, 135-136.	0.4	3
523	Fashioning a selfish self amid selfish goals. Behavioral and Brain Sciences, 2014, 37, 136-137.	0.4	0
524	Tag, you're it: Affect tagging promotes goal formation and selection. Behavioral and Brain Sciences, 2014, 37, 138-139.	0.4	1
525	Unconsciously competing goals can collaborate or compromise as well as win or lose. Behavioral and Brain Sciences, 2014, 37, 139-140.	0.4	0
526	Unconscious habit systems in compulsive and impulsive disorders. Behavioral and Brain Sciences, 2014, 37, 141-141.	0.4	3
527	On the selection and balancing of multiple selfish goals. Behavioral and Brain Sciences, 2014, 37, 147-148.	0.4	3
528	The conscious roots of selfless, unconscious goals. Behavioral and Brain Sciences, 2014, 37, 151-151.	0.4	1
529	Unconscious goals: Specific or unspecific? The potential harm of the goal/gene analogy. Behavioral and Brain Sciences, 2014, 37, 152-153.	0.4	0
530	Goals reconfigure cognition by modulating predictive processes in the brain. Behavioral and Brain Sciences, 2014, 37, 154-155.	0.4	23
531	Automatic goals and conscious regulation in social cognitive affective neuroscience. Behavioral and Brain Sciences, 2014, 37, 156-157.	0.4	33
532	Goals are not selfish. Behavioral and Brain Sciences, 2014, 37, 157-158.	0.4	2

#	ARTICLE	IF	CITATIONS
533	Should an individual composed of selfish goals be held responsible for her actions?. Behavioral and Brain Sciences, 2014, 37, 158-159.	0.4	0
534	The motivational self is more than the sum of its goals. Behavioral and Brain Sciences, 2014, 37, 143-144.	0.4	56
535	The validity of Dawkins's selfish gene theory and the role of the unconscious in decision making. Behavioral and Brain Sciences, 2014, 37, 148-149.	0.4	0
536	Winner takes it all: Addiction as an example for selfish goal dominance. Behavioral and Brain Sciences, 2014, 37, 152-152.	0.4	2
537	Drugs of Abuse and NeuroAIDS: Opiates. , 2014, , 463-486.		0
538	Massively representational minds are not always driven by goals, conscious or otherwise. Behavioral and Brain Sciences, 2014, 37, 145-146.	0.4	3
539	Effects of adolescent nicotine exposure and withdrawal on intravenous cocaine self-administration during adulthood in male C57BL/6J mice. Addiction Biology, 2014, 19, 37-48.	1.4	30
540	Object memory impairment at post-drug Day 15 but not at Day 1 after a regimen of repeated treatment with oral methylphenidate. Neuroscience Letters, 2014, 566, 252-256.	1.0	3
541	Searching for the principles of brain plasticity and behavior. Cortex, 2014, 58, 251-260.	1.1	109
542	Stimulant drugs trigger transient volumetric changes in the human ventral striatum. Brain Structure and Function, 2014, 219, 23-34.	1.2	23
543	Prescription Opioid Analgesics Increase the Risk of Depression. Journal of General Internal Medicine, 2014, 29, 491-499.	1.3	141
544	MDMA enhances hippocampal-dependent learning and memory under restrictive conditions, and modifies hippocampal spine density. Psychopharmacology, 2014, 231, 863-874.	1.5	19
545	Essential role of poly(ADP-ribosyl)ation in cocaine action. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2005-2010.	3.3	52
546	Brain development, experience, and behavior. Pediatric Blood and Cancer, 2014, 61, 1720-1723.	0.8	31
547	Prelimbic Cortex and Ventral Tegmental Area Modulate Synaptic Plasticity Differentially in Nucleus Accumbens During Cocaine-Reinstated Drug Seeking. Neuropsychopharmacology, 2014, 39, 1169-1177.	2.8	61
548	Involvement of D1/D2 dopamine receptors within the nucleus accumbens and ventral tegmental area in the development of sensitization to antinociceptive effect of morphine. Pharmacology Biochemistry and Behavior, 2014, 118, 16-21.	1.3	28
549	The Selfish Goal: Autonomously operating motivational structures as the proximate cause of human judgment and behavior. Behavioral and Brain Sciences, 2014, 37, 121-135.	0.4	126
550	An Integrated Quantitative Proteomics and Systems Biology Approach to Explore Synaptic Protein Profile Changes During Morphine Exposure. Neuropsychopharmacology, 2014, 39, 88-103.	2.8	9



#	ARTICLE	IF	CITATIONS
551	Differential patterns of expression of neuropeptide Y throughout abstinence in outbred Swiss mice classified as susceptible or resistant to ethanol-induced locomotor sensitization. <i>Alcohol</i> , 2014, 48, 63-72.	0.8	2
552	Acute and Chronic Mu Opioids Differentially Regulate Thrombospondins 1 and 2 Isoforms in Astrocytes. <i>ACS Chemical Neuroscience</i> , 2014, 5, 106-114.	1.7	16
553	When a good taste turns bad: Neural mechanisms underlying the emergence of negative affect and associated natural reward devaluation by cocaine. <i>Neuropharmacology</i> , 2014, 76, 360-369.	2.0	46
554	A voxel-based morphometry study of young occasional users of amphetamine-type stimulants and cocaine. <i>Drug and Alcohol Dependence</i> , 2014, 135, 104-111.	1.6	36
555	How Do We 'Learn' Addiction? Risk Factors and Mechanisms Getting Addicted to Alcohol. <i>Neuropsychobiology</i> , 2014, 70, 67-76.	0.9	13
556	Effects of Chronic Morphine Treatment on an Odor Conditioning Paradigm, Locomotor Activity and Sucrose Responsiveness in Honeybees ( <i>Apis mellifera</i> ). <i>Journal of Insect Behavior</i> , 2014, 27, 791-803.	0.4	3
558	Synaptic plasticity mediating cocaine relapse requires matrix metalloproteinases. <i>Nature Neuroscience</i> , 2014, 17, 1655-1657.	7.1	121
559	Interactions of HIV and Drugs of Abuse. <i>International Review of Neurobiology</i> , 2014, 118, 231-313.	0.9	50
560	Cocaine exposure reorganizes cell type-specific and input-specific connectivity in the nucleus accumbens. <i>Nature Neuroscience</i> , 2014, 17, 1198-1207.	7.1	150
561	Habit learning and memory in mammals: Behavioral and neural characteristics. <i>Neurobiology of Learning and Memory</i> , 2014, 114, 198-208.	1.0	51
562	Neuroinflammation and Neurodegeneration. , 2014, , .		11
563	Influence of neonatal tactile stimulation on amphetamine preference in young rats: Parameters of addiction and oxidative stress. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 124, 341-349.	1.3	15
564	The neural rejuvenation hypothesis of cocaine addiction. <i>Trends in Pharmacological Sciences</i> , 2014, 35, 374-383.	4.0	125
565	Molecular neurobiology of addiction: what's all the 'FosB' about?. <i>American Journal of Drug and Alcohol Abuse</i> , 2014, 40, 428-437.	1.1	68
566	Is a 'general' theory of addiction possible? A commentary on: a multistep general theory of transition to addiction. <i>Psychopharmacology</i> , 2014, 231, 3923-3927.	1.5	8
567	Model-based and model-free Pavlovian reward learning: Revaluation, revision, and revelation. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2014, 14, 473-492.	1.0	257
568	Digital holographic microscopy discriminates sex differences in medial prefrontal cortex GABA neurons following amphetamine sensitization. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 124, 326-332.	1.3	8
569	Epigenetic Mechanisms of Drug Addiction Vulnerability. , 2014, , 441-462.		0



#	ARTICLE	IF	CITATIONS
570	Abnormal kalirin signaling in neuropsychiatric disorders. <i>Brain Research Bulletin</i> , 2014, 103, 29-38.	1.4	36
571	Extinction of opiate reward reduces dendritic arborization and c-Fos expression in the nucleus accumbens core. <i>Behavioural Brain Research</i> , 2014, 263, 51-59.	1.2	20
572	Modafinil improves methamphetamine-induced object recognition deficits and restores prefrontal cortex ERK signaling in mice. <i>Neuropharmacology</i> , 2014, 87, 188-197.	2.0	53
573	What's in a goal? The role of motivational relevance in cognition and action. <i>Behavioral and Brain Sciences</i> , 2014, 37, 141-142.	0.4	13
574	The role of nicotinic receptors in shaping and functioning of the glutamatergic system: A window into cognitive pathology. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 46, 315-325.	2.9	25
575	Molecular mechanisms of activity-dependent changes in dendritic morphology: role of RCK proteins. <i>Trends in Neurosciences</i> , 2014, 37, 399-407.	4.2	18
576	The "addicted" spine. <i>Frontiers in Neuroanatomy</i> , 2014, 8, 110.	0.9	53
577	Comprehensive Analysis of Transcription Dynamics from Brain Samples Following Behavioral Experience. <i>Journal of Visualized Experiments</i> , 2014, . .	0.2	6
579	Glutamatergic synaptic plasticity in the mesocorticolimbic system in addiction. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 466.	1.8	101
580	Changes in dendritic spine density in the nucleus accumbens do not underlie ethanol sensitization. <i>Synapse</i> , 2015, 69, 607-610.	0.6	5
581	A Systematic Analysis of Candidate Genes Associated with Nicotine Addiction. <i>BioMed Research International</i> , 2015, 2015, 1-9.	0.9	6
582	Roles of the ubiquitin proteasome system in the effects of drugs of abuse. <i>Frontiers in Molecular Neuroscience</i> , 2015, 7, 99.	1.4	21
583	Plasma Concentrations of BDNF and IGF-1 in Abstinent Cocaine Users with High Prevalence of Substance Use Disorders: Relationship to Psychiatric Comorbidity. <i>PLoS ONE</i> , 2015, 10, e0118610.	1.1	25
584	Silent Synapses Speak Up. <i>Neuroscientist</i> , 2015, 21, 451-459.	2.6	35
585	Basal Hippocampal Activity and Its Functional Connectivity Predicts Cocaine Relapse. <i>Biological Psychiatry</i> , 2015, 78, 496-504.	0.7	57
586	Epigenetic landscape of amphetamine and methamphetamine addiction in rodents. <i>Epigenetics</i> , 2015, 10, 574-580.	1.3	101
587	The Effects of Cocaine Self-Administration on Dendritic Spine Density in the Rat Hippocampus Are Dependent on Genetic Background. <i>Cerebral Cortex</i> , 2015, 25, 56-65.	1.6	38
588	BDNF-TrkB signaling in the nucleus accumbens shell of mice has key role in methamphetamine withdrawal symptoms. <i>Translational Psychiatry</i> , 2015, 5, e666-e666.	2.4	81

#	ARTICLE	IF	CITATIONS
589	Chronic methamphetamine treatment reduces the expression of synaptic plasticity genes and changes their DNA methylation status in the mouse brain. <i>Brain Research</i> , 2015, 1629, 126-134.	1.1	30
590	Motivational Processes Underlying Substance Abuse Disorder. <i>Current Topics in Behavioral Neurosciences</i> , 2015, 27, 473-506.	0.8	33
591	Offending: Drug-related expertise and decision making. <i>Aggression and Violent Behavior</i> , 2015, 20, 82-91.	1.2	10
592	Cocaine activates Rac1 to control structural and behavioral plasticity in caudate putamen. <i>Neurobiology of Disease</i> , 2015, 75, 159-176.	2.1	17
593	Methamphetamine is not Toxic but Disrupts the Cell Cycle of Bloodâ€“Brain Barrier Endothelial Cells. <i>Neurotoxicity Research</i> , 2015, 28, 8-17.	1.3	21
594	Anisomycin in the medial prefrontal cortex reduces reconsolidation of cocaine-associated memories in the rat self-administration model. <i>Neuropharmacology</i> , 2015, 92, 25-33.	2.0	30
595	Oxytocin enhances the expression of morphine-induced conditioned place preference in rats. <i>Psychoneuroendocrinology</i> , 2015, 53, 159-169.	1.3	37
596	Early Life Stress as a Risk Factor for Substance use Disorders: Clinical and Neurobiological Substrates. <i>Indian Journal of Psychological Medicine</i> , 2015, 37, 36-41.	0.6	10
597	Hippocampal cell fate regulation by chronic cocaine during periods of adolescent vulnerability: Consequences of cocaine exposure during adolescence on behavioral despair in adulthood. <i>Neuroscience</i> , 2015, 304, 302-315.	1.1	31
598	Caudate neuronal recording in freely behaving animals following acute and chronic dose response methylphenidate exposure. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 136, 21-30.	1.3	10
599	Nociception, Pain, Negative Moods, and Behavior Selection. <i>Neuron</i> , 2015, 87, 474-491.	3.8	489
600	Integrative hippocampal and decision-making neurocircuitry during goal-relevant predictions and encoding. <i>Progress in Brain Research</i> , 2015, 219, 217-242.	0.9	11
601	Prefrontal Cortex. , 2015, , 811-816.		3
602	The evolving role of dendritic spines and memory: Interaction(s) with estradiol. <i>Hormones and Behavior</i> , 2015, 74, 28-36.	1.0	117
603	Morphine causes persistent induction of nitrated neurofilaments in cortex and subcortex even during abstinence. <i>Neuroscience</i> , 2015, 291, 177-188.	1.1	6
604	Plasticity in the prefrontal cortex of adult rats. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 15.	1.8	50
605	Methamphetamine induces alterations in the long non-coding RNAs expression profile in the nucleus accumbens of the mouse. <i>BMC Neuroscience</i> , 2015, 16, 18.	0.8	38
606	Grey matter volumes in treatment naÃ“ve vs. chronically treated children with attention deficit/hyperactivity disorder: a combined approach. <i>European Neuropsychopharmacology</i> , 2015, 25, 1118-1127.	0.3	30

#	ARTICLE	IF	CITATIONS
607	The influence of stress and gonadal hormones on neuronal structure and function. <i>Hormones and Behavior</i> , 2015, 76, 118-124.	1.0	31
608	Effects of morphine on brain plasticity. <i>Neurología (English Edition)</i> , 2015, 30, 176-180.	0.2	23
609	The brain at risk: the sepsis syndrome and lessons from preclinical experiments. <i>Immunologic Research</i> , 2015, 63, 70-74.	1.3	12
610	Postmortem volumetric analysis of the nucleus accumbens in male heroin addicts: implications for deep brain stimulation. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2015, 265, 647-653.	1.8	22
611	<i>Paecilomyces japonica</i> reduces repeated nicotine-induced neuronal and behavioral activation in rats. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 227.	3.7	0
612	The Contingency of Cocaine Administration Accounts for Structural and Functional Medial Prefrontal Deficits and Increased Adrenocortical Activation. <i>Journal of Neuroscience</i> , 2015, 35, 11897-11910.	1.7	48
613	Synaptic Cytoskeletal Plasticity in the Prefrontal Cortex Following Psychostimulant Exposure. <i>Traffic</i> , 2015, 16, 919-940.	1.3	38
614	A previous history of repeated amphetamine exposure modifies brain angiotensin II AT1 receptor functionality. <i>Neuroscience</i> , 2015, 307, 1-13.	1.1	11
615	Modulation of morphine antinociceptive tolerance and physical dependence by co-administration of simvastatin. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 137, 38-43.	1.3	24
616	Short-term withdrawal from developmental exposure to cocaine activates the glucocorticoid receptor and alters spine dynamics. <i>European Neuropsychopharmacology</i> , 2015, 25, 1832-1841.	0.3	28
617	Abnormal contextâ€“reward associations in an immune-mediated neurodevelopmental mouse model with relevance to schizophrenia. <i>Translational Psychiatry</i> , 2015, 5, e637-e637.	2.4	20
618	Transcriptome organization for chronic alcohol abuse in human brain. <i>Molecular Psychiatry</i> , 2015, 20, 1438-1447.	4.1	111
619	Effects of ethanol exposure and withdrawal on dendritic morphology and spine density in the nucleus accumbens core and shell. <i>Brain Research</i> , 2015, 1594, 125-135.	1.1	20
620	The role of serotonin in drug use and addiction. <i>Behavioural Brain Research</i> , 2015, 277, 146-192.	1.2	291
621	Efectos de la morfina en la plasticidad cerebral. <i>Neurología</i> , 2015, 30, 176-180.	0.3	33
622	D1 receptors regulate dendritic morphology in normal and stressed prelimbic cortex. <i>Psychoneuroendocrinology</i> , 2015, 51, 101-111.	1.3	22
623	Prioritizing Genes Related to Nicotine Addiction Via a Multi-source-Based Approach. <i>Molecular Neurobiology</i> , 2015, 52, 442-455.	1.9	16
624	Activation of Dopamine D1 Receptors Regulates Dendritic Morphogenesis Through Rac1 and RhoA in Prefrontal Cortex Neurons. <i>Molecular Neurobiology</i> , 2015, 51, 1024-1037.	1.9	25

#	ARTICLE	IF	CITATIONS
625	Estradiol mediates dendritic spine plasticity in the nucleus accumbens core through activation of mGluR5. <i>Brain Structure and Function</i> , 2015, 220, 2415-2422.	1.2	99
626	Repeated administration of a synthetic cannabinoid receptor agonist differentially affects cortical and accumbal neuronal morphology in adolescent and adult rats. <i>Brain Structure and Function</i> , 2016, 221, 407-419.	1.2	25
627	Rho GTPases and Their Regulators in Addiction. , 2016, , 125-132.		0
628	Morphological Plasticity in the Striatum Associated With Dopamine Dysfunction. <i>Handbook of Behavioral Neuroscience</i> , 2016, , 755-770.	0.7	4
629	The Fas Receptor/Fas-Associated Protein and Cocaine. , 2016, , 63-73.		3
630	S-Glutathionylation and Redox Protein Signaling in Drug Addiction. <i>Progress in Molecular Biology and Translational Science</i> , 2016, 137, 87-121.	0.9	19
631	Psychostimulant-Induced Gene Regulation in Striatal Circuits. <i>Handbook of Behavioral Neuroscience</i> , 2016, , 639-672.	0.7	2
632	Mouse and Human Genetic Analyses Associate Kalirin with Ventral Striatal Activation during Impulsivity and with Alcohol Misuse. <i>Frontiers in Genetics</i> , 2016, 7, 52.	1.1	24
633	Prolonged Consumption of Sucrose in a Binge-Like Manner, Alters the Morphology of Medium Spiny Neurons in the Nucleus Accumbens Shell. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 54.	1.0	39
634	Exposure to Ketamine Anesthesia Affects Rat Impulsive Behavior. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 226.	1.0	17
635	Fischer 344 and Lewis Rat Strains as a Model of Genetic Vulnerability to Drug Addiction. <i>Frontiers in Neuroscience</i> , 2016, 10, 13.	1.4	29
636	MicroRNAs Are Involved in the Development of Morphine-Induced Analgesic Tolerance and Regulate Functionally Relevant Changes in Serpini1. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 20.	1.4	33
637	Opposite Effects of mGluR1a and mGluR5 Activation on Nucleus Accumbens Medium Spiny Neuron Dendritic Spine Density. <i>PLoS ONE</i> , 2016, 11, e0162755.	1.1	1,343
638	Risky Decisions in a Lottery Task Are Associated with an Increase of Cocaine Use. <i>Frontiers in Psychology</i> , 2016, 7, 640.	1.1	14
639	Abstinence from cocaine self-administration activates the nELAV/GAP43 pathway in the hippocampus: A stress-related effect?. <i>Hippocampus</i> , 2016, 26, 700-704.	0.9	0
640	The good and bad news about glutamate in drug addiction. <i>Journal of Psychopharmacology</i> , 2016, 30, 1095-1098.	2.0	47
641	Morphine-induced locomotor sensitization produces structural plasticity in the mesocorticolimbic system dependent on CB1-R activity. <i>Addiction Biology</i> , 2016, 21, 1113-1126.	1.4	22
642	Prenatal ketamine exposure causes abnormal development of prefrontal cortex in rat. <i>Scientific Reports</i> , 2016, 6, 26865.	1.6	40

#	ARTICLE	IF	CITATIONS
643	Cocaine promotes primary human astrocyte proliferation via JNK-dependent up-regulation of cyclin A2. <i>Restorative Neurology and Neuroscience</i> , 2016, 34, 965-976.	0.4	10
644	<i>Psychology of Technology</i> . , 2016, , .		16
645	Liking, wanting, and the incentive-sensitization theory of addiction.. <i>American Psychologist</i> , 2016, 71, 670-679.	3.8	876
646	The effects of amphetamine exposure on juvenile rats on the neuronal morphology of the limbic system at prepubertal, pubertal and postpubertal ages. <i>Journal of Chemical Neuroanatomy</i> , 2016, 77, 68-77.	1.0	16
647	Cocaine-Induced Synaptic Alterations in Thalamus to Nucleus Accumbens Projection. <i>Neuropsychopharmacology</i> , 2016, 41, 2399-2410.	2.8	83
648	Signals from the Fourth Dimension Regulate Drug Relapse. <i>Trends in Neurosciences</i> , 2016, 39, 472-485.	4.2	60
649	Neonatal Masculinization Blocks Increased Excitatory Synaptic Input in Female Rat Nucleus Accumbens Core. <i>Endocrinology</i> , 2016, 157, 3181-3196.	1.4	36
650	L-DOPA Oppositely Regulates Synaptic Strength and Spine Morphology in D1 and D2 Striatal Projection Neurons in Dyskinesia. <i>Cerebral Cortex</i> , 2016, 26, 4253-4264.	1.6	102
651	Longitudinal magnetic resonance imaging reveals striatal hypertrophy in a rat model of long-term stimulant treatment. <i>Translational Psychiatry</i> , 2016, 6, e884-e884.	2.4	11
652	The research domain criteria framework: The case for anterior cingulate cortex. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 71, 418-443.	2.9	158
653	Nutritional and Environmental Influences on Brain Development: Critical Periods of Brain Development, Pathways, and Mechanisms of Effect. , 2016, , 1-19.		0
654	Estradiol impacts the endocannabinoid system in female rats to influence behavioral and structural responses to cocaine. <i>Neuropharmacology</i> , 2016, 110, 118-124.	2.0	43
655	<i>Clinical Syndromes of Substance Use Disorder</i> . , 2016, , 619-634.		4
656	Transactivation of TrkB by Sigma-1 receptor mediates cocaine-induced changes in dendritic spine density and morphology in hippocampal and cortical neurons. <i>Cell Death and Disease</i> , 2016, 7, e2414-e2414.	2.7	34
657	Reduction of Cocaine-Induced Locomotor Effects by Enriched Environment Is Associated with Cell-Specific Accumulation of $\beta$ -FosB in Striatal and Cortical Subregions. <i>International Journal of Neuropsychopharmacology</i> , 2017, 20, pyw097.	1.0	8
658	Anabolic-androgenic steroids decrease dendritic spine density in the nucleus accumbens of male rats. <i>Neuroscience</i> , 2016, 330, 72-78.	1.1	25
659	Epigenetics, behavior and early nicotine. <i>Nature Neuroscience</i> , 2016, 19, 863-864.	7.1	2
660	PAM helps solve VTA's SHANKless problem. <i>Nature Neuroscience</i> , 2016, 19, 864-866.	7.1	0

#	ARTICLE	IF	CITATIONS
661	Acquisition of morphine conditioned place preference increases the dendritic complexity of nucleus accumbens core neurons. <i>Addiction Biology</i> , 2016, 21, 1086-1096.	1.4	34
662	Optogenetic inhibition of cortical afferents in the nucleus accumbens simultaneously prevents cue-induced transient synaptic potentiation and cocaine-seeking behavior. <i>Brain Structure and Function</i> , 2016, 221, 1681-1689.	1.2	103
663	Adolescent nicotine-induced dendrite remodeling in the nucleus accumbens is rapid, persistent, and D1-dopamine receptor dependent. <i>Brain Structure and Function</i> , 2016, 221, 133-145.	1.2	17
664	Nicotine produces chronic behavioral sensitization with changes in accumbal neurotransmission and increased sensitivity to re-exposure. <i>Addiction Biology</i> , 2016, 21, 397-406.	1.4	17
665	Quantitative EEG and Low-Resolution Electromagnetic Tomography (LORETA) Imaging of Patients Undergoing Methadone Treatment for Opiate Addiction. <i>Clinical EEG and Neuroscience</i> , 2016, 47, 180-187.	0.9	8
666	CaM Kinases: From Memories to Addiction. <i>Trends in Pharmacological Sciences</i> , 2016, 37, 153-166.	4.0	32
667	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.	0.7	54
668	Silent Synapse-Based Circuitry Remodeling in Drug Addiction. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyv136.	1.0	21
669	Drug-Paired Contextual Stimuli Increase Dendritic Spine Dynamics in Select Nucleus Accumbens Neurons. <i>Neuropsychopharmacology</i> , 2016, 41, 2178-2187.	2.8	11
670	Development and function of the midbrain dopamine system: what we know and what we need to. <i>Genes, Brain and Behavior</i> , 2016, 15, 62-73.	1.1	93
671	Involvement of dorsal striatal $\delta$ 1-containing GABAA receptors in methamphetamine-associated rewarding memories. <i>Neuroscience</i> , 2016, 320, 230-238.	1.1	19
672	Aggregated single-walled carbon nanotubes attenuate the behavioural and neurochemical effects of methamphetamine in mice. <i>Nature Nanotechnology</i> , 2016, 11, 613-620.	15.6	51
673	Going small to beat the high. <i>Nature Nanotechnology</i> , 2016, 11, 580-581.	15.6	8
674	Enhanced cocaine-induced locomotor sensitization and intrinsic excitability of NAc medium spiny neurons in adult but not in adolescent rats susceptible to diet-induced obesity. <i>Psychopharmacology</i> , 2016, 233, 773-784.	1.5	86
675	NgR1: A Tunable Sensor Regulating Memory Formation, Synaptic, and Dendritic Plasticity. <i>Cerebral Cortex</i> , 2016, 26, 1804-1817.	1.6	25
676	Midbrain functional connectivity and ventral striatal dopamine D2-type receptors: link to impulsivity in methamphetamine users. <i>Molecular Psychiatry</i> , 2016, 21, 1554-1560.	4.1	45
677	Chronic variable stress prevents amphetamine-elicited 50-kHz calls in rats with low positive affectivity. <i>European Neuropsychopharmacology</i> , 2016, 26, 631-643.	0.3	16
678	The Extracellular Matrix Protein Brevican Limits Time-Dependent Enhancement of Cocaine Conditioned Place Preference. <i>Neuropsychopharmacology</i> , 2016, 41, 1907-1916.	2.8	23

#	ARTICLE	IF	CITATIONS
679	Adaptive Plasticity in the Hippocampus of Young Mice Intermittently Exposed to MDMA Could Be the Origin of Memory Deficits. <i>Molecular Neurobiology</i> , 2016, 53, 7271-7283.	1.9	16
680	Brain Angiotensin II AT1 receptors are involved in the acute and long-term amphetamine-induced neurocognitive alterations. <i>Psychopharmacology</i> , 2016, 233, 795-807.	1.5	19
681	Effects of perinatal exposure to lead (Pb) on purine receptor expression in the brain and gliosis in rats tolerant to morphine analgesia. <i>Toxicology</i> , 2016, 339, 19-33.	2.0	16
682	Impact of chronic morphine on delta opioid receptor-expressing neurons in the mouse hippocampus. <i>Neuroscience</i> , 2016, 313, 46-56.	1.1	20
683	Nucleus accumbens NMDA receptor activation regulates amphetamine cross-sensitization and deltaFosB expression following sexual experience in male rats. <i>Neuropharmacology</i> , 2016, 101, 154-164.	2.0	14
684	Glutamatergic mechanisms of comorbidity between acute stress and cocaine self-administration. <i>Molecular Psychiatry</i> , 2016, 21, 1063-1069.	4.1	29
685	A Critical Role for the GluA1 Accessory Protein, SAP97, in Cocaine Seeking. <i>Neuropsychopharmacology</i> , 2016, 41, 736-750.	2.8	25
686	Regulator of G-Protein Signaling 7 Regulates Reward Behavior by Controlling Opioid Signaling in the Striatum. <i>Biological Psychiatry</i> , 2016, 80, 235-245.	0.7	29
687	Rat strain dependent changes of dendritic and spine morphology in the hippocampus after cocaine self-administration. <i>Addiction Biology</i> , 2017, 22, 78-92.	1.4	13
688	Opposing effects of acute and chronic d-amphetamine on decision-making in rats. <i>Neuroscience</i> , 2017, 345, 218-228.	1.1	14
689	Individual differences in orexin receptor modulation of motivation for the opioid remifentanyl. <i>Addiction Biology</i> , 2017, 22, 303-317.	1.4	60
690	Visualizing Changes in Neuronal Dendritic Morphology in Response to Stress and Pharmacological Challenge. <i>Current Protocols in Neuroscience</i> , 2017, 78, 8.38.1-8.38.18.	2.6	4
691	Suppression of inhibitory G protein signaling in forebrain pyramidal neurons triggers plasticity of glutamatergic neurotransmission in the nucleus accumbens core. <i>Neuropharmacology</i> , 2017, 117, 33-40.	2.0	13
692	Role of Wnt/ $\beta$ -catenin pathway in the nucleus accumbens in long-term cocaine-induced neuroplasticity: a possible novel target for addiction treatment. <i>Journal of Neurochemistry</i> , 2017, 140, 114-125.	2.1	16
693	The effect of crack cocaine addiction and age on the microstructure and morphology of the human striatum and thalamus using shape analysis and fast diffusion kurtosis imaging. <i>Translational Psychiatry</i> , 2017, 7, e1122-e1122.	2.4	52
694	Reversal of Cocaine-Associated Synaptic Plasticity in Medial Prefrontal Cortex Parallels Elimination of Memory Retrieval. <i>Neuropsychopharmacology</i> , 2017, 42, 2000-2010.	2.8	45
695	Opioid Self-Administration is Attenuated by Early-Life Experience and Gene Therapy for Anti-Inflammatory IL-10 in the Nucleus Accumbens of Male Rats. <i>Neuropsychopharmacology</i> , 2017, 42, 2128-2140.	2.8	30
696	Saliency and default mode network dysregulation in chronic cocaine users predict treatment outcome. <i>Brain</i> , 2017, 140, 1513-1524.	3.7	62



#	ARTICLE	IF	CITATIONS
697	Nicotine-induced enhancement of Pavlovian alcohol-seeking behavior in rats. <i>Psychopharmacology</i> , 2017, 234, 727-738.	1.5	13
698	Glutamate and Brain Glutaminases in Drug Addiction. <i>Neurochemical Research</i> , 2017, 42, 846-857.	1.6	35
699	Association of contextual cues with morphine reward increases neural and synaptic plasticity in the ventral hippocampus of rats. <i>Addiction Biology</i> , 2017, 22, 1883-1894.	1.4	35
700	Cross-talk between the epigenome and neural circuits in drug addiction. <i>Progress in Brain Research</i> , 2017, 235, 19-63.	0.9	18
701	Principles of plasticity in the developing brain. <i>Developmental Medicine and Child Neurology</i> , 2017, 59, 1218-1223.	1.1	104
702	<i>Atg5</i> - and <i>Atg7</i> -dependent autophagy in dopaminergic neurons regulates cellular and behavioral responses to morphine. <i>Autophagy</i> , 2017, 13, 1496-1511.	4.3	65
703	Structural alterations in the prefrontal cortex mediate the relationship between Internet gaming disorder and depressed mood. <i>Scientific Reports</i> , 2017, 7, 1245.	1.6	36
704	How methamphetamine exposure during different neurodevelopmental stages affects social behavior of adult rats?. <i>Physiology and Behavior</i> , 2017, 179, 391-400.	1.0	9
705	Sensitivity to cocaine in adult mice is due to interplay between genetic makeup, early environment and later experience. <i>Neuropharmacology</i> , 2017, 125, 87-98.	2.0	14
706	Reduction in N2 amplitude in response to deviant drug-related stimuli during a two-choice oddball task in long-term heroin abstainers. <i>Psychopharmacology</i> , 2017, 234, 3195-3205.	1.5	19
707	<i>Neuropsychology</i> . , 0, , 26-38.		0
708	Cocaine-induced synaptic structural modification is differentially regulated by dopamine D1 and D3 receptors-mediated signaling pathways. <i>Addiction Biology</i> , 2017, 22, 1842-1855.	1.4	16
709	Glucocorticoid Homeostasis in the Dentate Gyrus Is Essential for Opiate Withdrawal-Associated Memories. <i>Molecular Neurobiology</i> , 2017, 54, 6523-6541.	1.9	21
710	Dynamic Alterations of Rat Nucleus Accumbens Dendritic Spines over 2 Months of Abstinence from Extended-Access Cocaine Self-Administration. <i>Neuropsychopharmacology</i> , 2017, 42, 748-756.	2.8	27
711	Effects of an acute cannabidiol treatment on cocaine self-administration and cue-induced cocaine seeking in male rats. <i>Journal of Psychopharmacology</i> , 2017, 31, 96-104.	2.0	37
712	Structural Plasticity and Cortical Connectivity. , 2017, , 3-26.		1
713	Psychostimulants As Cognitive Enhancers in Adolescents: More Risk than Reward?. <i>Frontiers in Public Health</i> , 2017, 5, 260.	1.3	22
714	Prenatal Cocaine-Induced Alterations in Dendritic Spine Density and Glutamate Neurotransmission. , 2017, , 247-255.		0



#	ARTICLE	IF	CITATIONS
715	Global Approaches in the Analysis of Cocaine-Induced Gene Expression. , 2017, , 69-77.		0
716	Dopamine homeostasis brain functional connectivity in reward deficiency syndrome. <i>Frontiers in Bioscience - Landmark</i> , 2017, 22, 669-691.	3.0	88
717	Neuronal Subset-Specific Migration and Axonal Wiring Mechanisms in the Developing Midbrain Dopamine System. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 55.	0.9	43
718	Cdk5 Is Essential for Amphetamine to Increase Dendritic Spine Density in Hippocampal Pyramidal Neurons. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 372.	1.8	14
719	Specific behavioral and cellular adaptations induced by chronic morphine are reduced by dietary omega-3 polyunsaturated fatty acids. <i>PLoS ONE</i> , 2017, 12, e0175090.	1.1	10
720	Memory retrieval in addiction: a role for miR-105-mediated regulation of D1 receptors in mPFC neurons projecting to the basolateral amygdala. <i>BMC Biology</i> , 2017, 15, 128.	1.7	19
721	Oscillatory local field potentials of the nucleus accumbens and the anterior limb of the internal capsule in heroin addicts. <i>Clinical Neurophysiology</i> , 2018, 129, 1242-1253.	0.7	19
722	Chronic morphine selectively sensitizes the effect of D1 receptor agonist on presynaptic glutamate release in basolateral amygdala neurons that project to prelimbic cortex. <i>Neuropharmacology</i> , 2018, 133, 375-384.	2.0	10
723	Contributions of prolonged contingent and non-contingent cocaine exposure to escalation of cocaine intake and glutamatergic gene expression. <i>Psychopharmacology</i> , 2018, 235, 1347-1359.	1.5	13
724	Overview of Factors Influencing Brain Development. , 2018, , 51-79.		1
725	Brain Plasticity and Experience. , 2018, , 341-389.		6
726	Cortical Expression of the Polysialylated Isoform of the Neural Cell Adhesion Molecule on Brain Tissue to Recognize Drug-Related Death. <i>American Journal of Forensic Medicine and Pathology</i> , 2018, 39, 8-13.	0.4	5
727	Chronic restraint stress during withdrawal increases vulnerability to drug priming-induced cocaine seeking via a dopamine D1-like receptor-mediated mechanism. <i>Drug and Alcohol Dependence</i> , 2018, 187, 327-334.	1.6	16
728	EFhd2/Swiprosin-1 is a common genetic determinant for sensation-seeking/low anxiety and alcohol addiction. <i>Molecular Psychiatry</i> , 2018, 23, 1303-1319.	4.1	40
729	Binge drinking differentially affects cortical and subcortical microstructure. <i>Addiction Biology</i> , 2018, 23, 403-411.	1.4	28
730	Cafeteria diet induces neuroplastic modifications in the nucleus accumbens mediated by microglia activation. <i>Addiction Biology</i> , 2018, 23, 735-749.	1.4	30
731	MicroRNAs regulate synaptic plasticity underlying drug addiction. <i>Genes, Brain and Behavior</i> , 2018, 17, e12424.	1.1	77
732	THC alters morphology of neurons in medial prefrontal cortex, orbital prefrontal cortex, and nucleus accumbens and alters the ability of later experience to promote structural plasticity. <i>Synapse</i> , 2018, 72, e22020.	0.6	18

#	ARTICLE	IF	CITATIONS
733	In Vivo Observation of Structural Changes in Neocortical Catecholaminergic Projections in Response to Drugs of Abuse. <i>ENeuro</i> , 2018, 5, ENEURO.0071-17.2018.	0.9	5
734	The Hippocampus as a Neural Link between Negative Affect and Vulnerability for Psychostimulant Relapse. , 0, , .		7
735	mGluR5 Mediates Dihydrotestosterone-Induced Nucleus Accumbens Structural Plasticity, but Not Conditioned Reward. <i>Frontiers in Neuroscience</i> , 2018, 12, 855.	1.4	13
736	Single and Repeated Administration of Methylphenidate Modulates Synaptic Plasticity in Opposite Directions via Insertion of AMPA Receptors in Rat Hippocampal Neurons. <i>Frontiers in Pharmacology</i> , 2018, 9, 1485.	1.6	6
737	High Salt Exposure During Perinatal Development Enhances Stress Sensitivity. <i>Developmental Neurobiology</i> , 2018, 78, 1131-1145.	1.5	6
738	Hippocampal-Evoked Feedforward Inhibition in the Nucleus Accumbens. <i>Journal of Neuroscience</i> , 2018, 38, 9091-9104.	1.7	40
739	Atropine exposure in adolescence predispose to adult memory loss in Wistar rats. <i>International Journal of Biological and Chemical Sciences</i> , 2018, 11, 1937.	0.1	3
740	Cocaine-mediated activation of microglia and microglial MeCP2 and BDNF production. <i>Neurobiology of Disease</i> , 2018, 117, 28-41.	2.1	37
741	Prolonged abstinence from cocaine or morphine disrupts separable valuations during decision conflict. <i>Nature Communications</i> , 2018, 9, 2521.	5.8	31
742	Comparison of the Time-Dependent Changes in Immediate Early Gene Labeling and Spine Density Following Abstinence From Contingent or Non-contingent Chocolate Pellet Delivery. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 144.	1.0	6
743	Functional and structural plasticity contributing to obesity: roles for sex, diet, and individual susceptibility. <i>Current Opinion in Behavioral Sciences</i> , 2018, 23, 160-170.	2.0	19
744	Alpha6-Containing Nicotinic Acetylcholine Receptors Mediate Nicotine-Induced Structural Plasticity in Mouse and Human iPSC-Derived Dopaminergic Neurons. <i>Frontiers in Pharmacology</i> , 2018, 9, 572.	1.6	7
745	Selective effects of $\delta^9$ -tetrahydrocannabinol on medium spiny neurons in the striatum. <i>PLoS ONE</i> , 2018, 13, e0200950.	1.1	13
746	Sex Differences in Medium Spiny Neuron Excitability and Glutamatergic Synaptic Input: Heterogeneity Across Striatal Regions and Evidence for Estradiol-Dependent Sexual Differentiation. <i>Frontiers in Endocrinology</i> , 2018, 9, 173.	1.5	41
747	Prefrontal Neuronal Excitability Maintains Cocaine-Associated Memory During Retrieval. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 119.	1.0	21
748	Drug Refraining and Seeking Potentiate Synapses on Distinct Populations of Accumbens Medium Spiny Neurons. <i>Journal of Neuroscience</i> , 2018, 38, 7100-7107.	1.7	35
749	A Model of $\delta^9$ -Tetrahydrocannabinol Self-administration and Reinstatement That Alters Synaptic Plasticity in Nucleus Accumbens. <i>Biological Psychiatry</i> , 2018, 84, 601-610.	0.7	68
750	From controlled to compulsive drug-taking: The role of the habenula in addiction. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 106, 102-111.	2.9	42

#	ARTICLE	IF	CITATIONS
751	Opposite environmental gating of the experienced utility (â€˜likingâ€™™) and decision utility (â€˜wantingâ€™™) of heroin versus cocaine in animals and humans: implications for computational neuroscience. <i>Psychopharmacology</i> , 2019, 236, 2451-2471.	1.5	9
752	Effects of Ethanol Exposure and Withdrawal on Neuronal Morphology in the Agranular Insular and Prelimbic Cortices: Relationship with Withdrawal-Related Structural Plasticity in the Nucleus Accumbens. <i>Brain Sciences</i> , 2019, 9, 180.	1.1	9
753	A Neurobehavioral Approach to Addiction: Implications for the Opioid Epidemic and the Psychology of Addiction. <i>Psychological Science in the Public Interest: A Journal of the American Psychological Society</i> , 2019, 20, 96-127.	6.7	53
754	A novel neurobehavioral framework of the effects of positive early postnatal experience on incentive and consummatory reward sensitivity. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 107, 615-640.	2.9	11
755	The Mechanisms Involved in Morphine Addiction: An Overview. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4302.	1.8	96
756	Serotonin Induces Structural Plasticity of Both Extrinsic Modulating and Intrinsic Mediating Circuits InÂ <i>Â</i> Vitro in <i>Aplysia Californica</i> . <i>Cell Reports</i> , 2019, 28, 2955-2965.e3.	2.9	27
757	A novel role for the actin-binding protein drebrin in regulating opiate addiction. <i>Nature Communications</i> , 2019, 10, 4140.	5.8	23
758	Ligand-dependent spatiotemporal signaling profiles of the $\mu$ -opioid receptor are controlled by distinct protein-interaction networks. <i>Journal of Biological Chemistry</i> , 2019, 294, 16198-16213.	1.6	17
759	The role of stress in drug addiction. An integrative review. <i>Physiology and Behavior</i> , 2019, 202, 62-68.	1.0	69
760	Repeated exposure to methiopropamine increases dendritic spine density in the rat nucleus accumbens core. <i>Neurochemistry International</i> , 2019, 129, 104487.	1.9	3
761	Hippocampal BDNF regulates a shift from flexible, goal-directed to habit memory system function following cocaine abstinence. <i>Hippocampus</i> , 2019, 29, 1101-1113.	0.9	8
762	A Role for Matrix Metalloproteases in Antidepressant Efficacy. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 117.	1.4	13
763	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.	1.7	27
764	Exercise during abstinence normalizes ultrastructural synaptic plasticity associated with nicotine-seeking following extended access self-administration. <i>European Journal of Neuroscience</i> , 2019, 50, 2707-2721.	1.2	3
765	Sex-Dependent Ketamine Addiction-Like Behavior Profile Following Exposure to Chronic Mild Stress. <i>Chronic Stress</i> , 2019, 3, 247054701983261.	1.7	15
766	Excessive Consumption of Sugar: an Insatiable Drive for Reward. <i>Current Nutrition Reports</i> , 2019, 8, 120-128.	2.1	33
767	Differential Roles of Accumbal GSK3 $\beta$ in Cocaine versus Morphine-Induced Place Preference, U50,488H-Induced Place Aversion, and Object Memory. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 371, 339-347.	1.3	9
768	Random access to palatable food stimulates similar addiction-like responses as a fixed schedule, but only a fixed schedule elicits anticipatory activation. <i>Scientific Reports</i> , 2019, 9, 18223.	1.6	10

#	ARTICLE	IF	CITATIONS
769	Neural Morphology and Addiction. , 2019, , 123-135.		4
770	The Role of Norepinephrine in Drug Addiction: Past, Present, and Future. , 2019, , 221-236.		1
771	Exploring time-dependent changes in conditioned place preference for food reward and associated changes in the nucleus accumbens. Behavioural Brain Research, 2019, 361, 14-25.	1.2	7
772	Effect of chronic methylphenidate treatment on hippocampal neurovascular unit and memory performance in late adolescent rats. European Neuropsychopharmacology, 2019, 29, 195-210.	0.3	13
773	Dopamine and addiction: what have we learned from 40 years of research. Journal of Neural Transmission, 2019, 126, 481-516.	1.4	90
774	Gut-brain axis and addictive disorders: A review with focus on alcohol and drugs of abuse. , 2019, 196, 1-14.		58
775	Heroin versus cocaine: opposite choice as a function of context but not of drug history in the rat. Psychopharmacology, 2019, 236, 787-798.	1.5	15
776	Neuroplastic and cognitive impairment in substance use disorders: a therapeutic potential of cognitive stimulation. Neuroscience and Biobehavioral Reviews, 2019, 106, 23-48.	2.9	44
777	DNMT3a in the hippocampal CA1 is crucial in the acquisition of morphine self-administration in rats. Addiction Biology, 2020, 25, e12730.	1.4	7
778	Basolateral amygdala is required for reconsolidation updating of heroin-associated memory after prolonged withdrawal. Addiction Biology, 2020, 25, e12793.	1.4	12
779	Ezrin-radixin-moesin proteins are regulated by Akt-GSK3 <sup>β</sup> signaling in the rat nucleus accumbens core. Korean Journal of Physiology and Pharmacology, 2020, 24, 121.	0.6	1
780	Therapeutic efficacy of environmental enrichment for substance use disorders. Pharmacology Biochemistry and Behavior, 2020, 188, 172829.	1.3	30
783	Appetitive Needs and Addiction. , 2020, , 3-11.		9
784	Behavioral Economics and Addictive Disorders. , 2020, , 12-22.		43
785	Sensitization of Incentive Saliency and the Transition to Addiction. , 2020, , 23-37.		43
786	Philosophical Issues in the Addictions. , 2020, , 38-50.		0
788	Human Neurobiological Approaches to Hedonically Motivated Behaviors. , 2020, , 53-61.		43
789	Human Laboratory Paradigms in Addictions Research. , 2020, , 62-72.		0

#	ARTICLE	IF	CITATIONS
790	Behavioral Economic Considerations of Novel Addictions and Nonaddictive Behavior: Research and Analytic Methods. , 2020, , 73-86.		46
791	Substance and Behavioral Addictions Assessment Instruments. , 2020, , 87-105.		2
792	Qualitative Approaches to the Study of Substance and Behavioral Addictions. , 2020, , 106-118.		3
794	Neurobiology of Substance Addictions. , 2020, , 121-135.		43
795	Neurobiological Foundations of Behavioral Addictions. , 2020, , 136-151.		43
796	Multiple Memory Systems, Addiction, and Health Habits: New Routes for Translational Science. , 2020, , 152-170.		43
797	The Role of Culture in Addiction. , 2020, , 171-181.		2
798	The Physical and Social Environments as Determinants of Health: Implications for Substance and Behavioral Addictions. , 2020, , 182-198.		0
800	Adolescent Drug Misuse Prevention: Challenges in School-Based Programming. , 2020, , 201-214.		1
801	Treatment of Alcohol, Tobacco, and Other Drug (ATOD) Misuse. , 2020, , 215-229.		2
802	Prevention and Treatment of "Food Addiction", 2020, , 230-240.		43
803	The Prevention and Treatment of Gambling Disorders: Some Art, Some Science. , 2020, , 241-253.		45
804	Prevention and Treatment of Sex Addiction. , 2020, , 254-261.		1
805	Passionate Love Addiction: An Evolutionary Survival Mechanism That Can Go Terribly Wrong. , 2020, , 262-270.		0
806	Prevention and Treatment of Compulsive Buying Disorder. , 2020, , 271-279.		43
807	Prevention and Treatment of Work Addiction. , 2020, , 280-287.		0
808	Gaming Disorder and Its Treatment. , 2020, , 288-294.		2
810	Precision Behavioral Management (PBM): A Novel Genetically Guided Therapy to Combat Reward Deficiency Syndrome (RDS) Relevant to the Opiate Crisis. , 2020, , 297-306.		43

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811	Novel Psychoactive Substances: A New Challenge for Prevention and Treatment. , 2020, , 307-325.		0
812	Impaired Physicians. , 2020, , 326-332.		0
813	Feedback Models for Gambling Control: The Use and Efficacy of Online Responsible Gambling Tools. , 2020, , 333-339.		43
814	Food versus Eating Addictions. , 2020, , 340-351.		43
815	Measurement, Prevention, and Treatment of Exercise Addiction. , 2020, , 352-361.		0
816	Tanning as an Addiction: The State of the Research and Implications for Intervention. , 2020, , 362-372.		43
817	Considering the Overlap and Nonoverlap of Compulsivity, Impulsivity, and Addiction. , 2020, , 373-385.		44
818	Anhedonia in Addictive Behaviors. , 2020, , 386-408.		0
819	Mindfulness-Based Interventions Applied to Addiction Treatments. , 2020, , 409-417.		43
820	American Legal Issues in Addiction Treatment and Research. , 2020, , 418-425.		0
822	Social Emotional Learning Program Boosts Early Social and Behavioral Skills in Low-Income Urban Children. <i>Frontiers in Psychology</i> , 2020, 11, 561196.	1.1	16
823	Why did I eat that? Contributions of individual differences in incentive motivation and nucleus accumbens plasticity to obesity. <i>Physiology and Behavior</i> , 2020, 227, 113114.	1.0	24
824	Neurocognitive Dysfunctions and Their Therapeutic Modulation in Patients With Methamphetamine Dependence: A Pilot Study. <i>Frontiers in Psychiatry</i> , 2020, 11, 581.	1.3	6
825	Concurrent and Delayed Behavioral and Monoamine Alterations by Excessive Sucrose Intake in Juvenile Mice. <i>Frontiers in Neuroscience</i> , 2020, 14, 504.	1.4	1
826	One Is Not Enough: Understanding and Modeling Polysubstance Use. <i>Frontiers in Neuroscience</i> , 2020, 14, 569.	1.4	151
828	Xlr4 as a new candidate gene underlying vulnerability to cocaine effects. <i>Neuropharmacology</i> , 2020, 168, 108019.	2.0	3
829	Pharmacotherapeutic management of co-morbid alcohol and opioid use. <i>Expert Opinion on Pharmacotherapy</i> , 2020, 21, 823-839.	0.9	14
830	Reduced response inhibition after exposure to drug-related cues in male heroin abstainers. <i>Psychopharmacology</i> , 2020, 237, 1055-1062.	1.5	9

#	ARTICLE	IF	CITATIONS
831	Circuits and functions of the lateral habenula in health and in disease. <i>Nature Reviews Neuroscience</i> , 2020, 21, 277-295.	4.9	269
832	The role of serotonin in alcohol use and abuse. <i>Handbook of Behavioral Neuroscience</i> , 2020, 31, 803-827.	0.7	6
833	Opioid-induced structural and functional plasticity of medium-spiny neurons in the nucleus accumbens. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 120, 417-430.	2.9	28
834	Transplantation with Lewis bone marrow induces the reinstatement of cocaine-seeking behavior in male F344 resistant rats. <i>Brain, Behavior, and Immunity</i> , 2021, 93, 23-34.	2.0	2
835	Epigenetic mechanisms of drug addiction vulnerability. , 2021, , 575-598.		0
837	Transcranial Direct Current Stimulation in Substance Use Disorders. , 2021, , 533-564.		1
838	In vivo reduction of hippocampal Caveolin-1 by RNA interference alters morphine addiction and neuroplasticity changes in male mice. <i>Neuroscience Letters</i> , 2021, 749, 135742.	1.0	2
839	Clyphosate exposure induces synaptic impairment in hippocampal neurons and cognitive deficits in developing rats. <i>Archives of Toxicology</i> , 2021, 95, 2137-2150.	1.9	16
840	Primate ventral striatum maintains neural representations of the value of previously rewarded objects for habitual seeking. <i>Nature Communications</i> , 2021, 12, 2100.	5.8	14
841	An Integrated Model of Nature and Nurture Factors that Contribute to Addiction and Recovery. <i>Substance Use and Misuse</i> , 2021, 56, 1095-1107.	0.7	1
842	Early Life Stress and Risks for Opioid Misuse: Review of Data Supporting Neurobiological Underpinnings. <i>Journal of Personalized Medicine</i> , 2021, 11, 315.	1.1	9
843	An assessment of the functional effects of amphetamine-induced dendritic changes in the nucleus accumbens, medial prefrontal cortex, and hippocampus on different types of learning and memory function. <i>Neurobiology of Learning and Memory</i> , 2021, 180, 107408.	1.0	1
844	Cocaine-induced projection-specific and cell type-specific adaptations in the nucleus accumbens. <i>Molecular Psychiatry</i> , 2022, 27, 669-686.	4.1	45
845	Psychostimulant Use Disorder, an Unmet Therapeutic Goal: Can Modafinil Narrow the Gap?. <i>Frontiers in Neuroscience</i> , 2021, 15, 656475.	1.4	15
846	The effects of cocaine exposure in adolescence: Behavioural effects and neuroplastic mechanisms in experimental models. <i>British Journal of Pharmacology</i> , 2022, 179, 4233-4253.	2.7	9
847	Prefrontal neuronal morphology in kindling-prone (FAST) and kindling-resistant (SLOW) rats. <i>Synapse</i> , 2021, 75, e22217.	0.6	4
848	Cocaine-induced neuron subtype mitochondrial dynamics through Egr3 transcriptional regulation. <i>Molecular Brain</i> , 2021, 14, 101.	1.3	11
849	Inhibition of a cortico-thalamic circuit attenuates cue-induced reinstatement of drug-seeking behavior in relapse prone male rats. <i>Psychopharmacology</i> , 2022, 239, 1035-1051.	1.5	7



#	ARTICLE	IF	CITATIONS
850	A salience misattribution model for addictive-like behaviors. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 125, 466-477.	2.9	8
851	Neuroadaptations and TGF- $\beta$ 2 signaling: emerging role in models of neuropsychiatric disorders. <i>Molecular Psychiatry</i> , 2022, 27, 296-306.	4.1	12
852	Insights into the mechanisms underlying opioid use disorder and potential treatment strategies. <i>British Journal of Pharmacology</i> , 2023, 180, 862-878.	2.7	8
853	Neuron tracing and quantitative analyses of dendritic architecture reveal symmetrical three-way-junctions and phenotypes of git-1 in <i>C. elegans</i> . <i>PLoS Computational Biology</i> , 2021, 17, e1009185.	1.5	2
854	Electroacupuncture prevents cocaine-induced conditioned place preference reinstatement and attenuates FosB and GluR2 expression. <i>Scientific Reports</i> , 2021, 11, 13694.	1.6	1
855	MicroRNA-132 is involved in morphine dependence via modifying the structural plasticity of the dentate gyrus neurons in rats. <i>Addiction Biology</i> , 2022, 27, e13086.	1.4	8
856	Characterization of the Brain Functional Architecture of Psychostimulant Withdrawal Using Single-Cell Whole-Brain Imaging. <i>ENeuro</i> , 2021, 8, ENEURO.0208-19.2021.	0.9	21
857	Persistent changes in exploration and hyperactivity coexist with cognitive impairment in mice withdrawn from chronic cocaine. <i>Physiology and Behavior</i> , 2021, 240, 113542.	1.0	6
858	Stress-induced vulnerability to develop cocaine addiction depends on cofilin modulation. <i>Neurobiology of Stress</i> , 2021, 15, 100349.	1.9	4
859	Cellular Plasticity in Cocaine Addiction. , 2022, , 682-687.		0
860	Effects of valsartan on morphine tolerance and dependence in rats. <i>Research in Pharmaceutical Sciences</i> , 2021, 16, 286.	0.6	1
862	Epigenetic Mechanisms of Drug Addiction. <i>Research and Perspectives in Neurosciences</i> , 2012, , 145-160.	0.4	1
863	Exzessives Sexualverhalten. , 2014, , 69-95.		3
864	Pain, opiates and addiction. , 2006, , 349-359.		1
865	Nicotine-induced and D1-receptor-dependent dendritic remodeling in a subset of dorsolateral striatum medium spiny neurons. <i>Neuroscience</i> , 2017, 356, 242-254.	1.1	12
867	Making a case for constructive reductionism. <i>Behavioral and Brain Sciences</i> , 2019, 42, e16.	0.4	3
868	Plasticity and Reorganization in the Rehabilitation of Stroke. <i>Zeitschrift Fur Psychologie / Journal of Psychology</i> , 2016, 224, 91-101.	0.7	7
869	8.3 Imaging Dopamine's Role in Drug Abuse and Addiction. , 2009, , 407-418.		4

#	ARTICLE	IF	CITATIONS
870	Adverse Effects of Methylene Blue on the Central Nervous System. <i>Anesthesiology</i> , 2008, 108, 684-692.	1.3	144
873	The Nucleus Accumbens: Mechanisms of Addiction across Drug Classes Reflect the Importance of Glutamate Homeostasis. <i>Pharmacological Reviews</i> , 2016, 68, 816-871.	7.1	442
874	Synaptic Triad in the Neostriatum. <i>Frontiers in Neuroscience</i> , 2011, , 71-104.	0.0	1
875	Dopaminergic system activity under stress condition " seeking individual differences, preclinical studies. <i>Psychiatria Polska</i> , 2018, 52, 459-470.	0.2	11
876	COP9 Limits Dendritic Branching via Cullin3-Dependent Degradation of the Actin-Crosslinking BTB-Domain Protein Kelch. <i>PLoS ONE</i> , 2009, 4, e7598.	1.1	28
877	Transfer of Neuroplasticity from Nucleus Accumbens Core to Shell Is Required for Cocaine Reward. <i>PLoS ONE</i> , 2012, 7, e30241.	1.1	23
878	Natural Reward Experience Alters AMPA and NMDA Receptor Distribution and Function in the Nucleus Accumbens. <i>PLoS ONE</i> , 2012, 7, e34700.	1.1	46
879	Glutamate and Synaptic Plasticity Systems and Smoking Behavior: Results from a Genetic Association Study. <i>PLoS ONE</i> , 2012, 7, e38666.	1.1	7
880	Transforming Growth Factor Beta Receptor 1 Is Increased following Abstinence from Cocaine Self-Administration, but Not Cocaine Sensitization. <i>PLoS ONE</i> , 2013, 8, e83834.	1.1	12
881	Genome-Wide Association of Heroin Dependence in Han Chinese. <i>PLoS ONE</i> , 2016, 11, e0167388.	1.1	30
882	Glucagon-Like Peptide-1 Receptor Agonist Treatment Does Not Reduce Abuse-Related Effects of Opioid Drugs. <i>ENeuro</i> , 2019, 6, ENEURO.0443-18.2019.	0.9	34
883	Antipsychotic Drug Effects in Schizophrenia: A Review of Longitudinal fMRI Investigations and Neural Interpretations. <i>Current Medicinal Chemistry</i> , 2013, 20, 428-437.	1.2	79
884	Dopamine D1 Receptors, Regulation of Gene Expression in the Brain, and Neurodegeneration. <i>CNS and Neurological Disorders - Drug Targets</i> , 2010, 9, 526-538.	0.8	90
885	mGluR5 Positive and Negative Allosteric Modulators Differentially Affect Dendritic Spine Density and Morphology in the Prefrontal Cortex. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015, 14, 476-485.	0.8	13
886	Cocaine and amphetamine-like psychostimulants: neurocircuitry and glutamate neuroplasticity. <i>Dialogues in Clinical Neuroscience</i> , 2007, 9, 389-397.	1.8	99
887	Neuroplasticity in addictive disorders. <i>Dialogues in Clinical Neuroscience</i> , 2009, 11, 350-353.	1.8	19
888	Cellular basis of memory for addiction. <i>Dialogues in Clinical Neuroscience</i> , 2013, 15, 431-443.	1.8	209
889	Corticostriatal circuitry in regulating diseases characterized by intrusive thinking. <i>Dialogues in Clinical Neuroscience</i> , 2016, 18, 65-76.	1.8	33

#	ARTICLE	IF	CITATIONS
890	Transcriptional mechanisms of drug addiction. Dialogues in Clinical Neuroscience, 2019, 21, 379-387.	1.8	28
891	Does Effect From Developmental Methamphetamine Exposure on Spatial Learning and Memory Depend on Stage of Neuroontogeny?. Physiological Research, 2016, 65, S577-S589.	0.4	13
893	Neuroadaptations Involved in Long-Term Exposure to ADHD Pharmacotherapies: Alterations That Support Dependence Liability of These Medications. Biomolecules and Therapeutics, 2011, 19, 9-20.	1.1	4
894	Normalization of ventral tegmental area structure following acupuncture in a rat model of heroin relapse. Neural Regeneration Research, 2014, 9, 301.	1.6	6
895	The effect of metformin on morphine analgesic tolerance and dependence in rats. Research in Pharmaceutical Sciences, 2018, 13, 316.	0.6	16
896	Cell adhesion signaling pathways: First responders to cocaine exposure?. Communicative and Integrative Biology, 2011, 4, 30-3.	0.6	8
897	ΔFosB: a Molecular Switch for Reward. Journal of Drug and Alcohol Research, 2013, 2, 1-11.	0.9	7
898	Aberrant Brain Neuroplasticity and Function in Drug Addiction: A Focus on Learning-Related Brain Regions. , 0, , .		5
899	Transcriptional Mechanisms of Drug Addiction. Clinical Psychopharmacology and Neuroscience, 2012, 10, 136-143.	0.9	125
900	The effects of melatonin on the striatum. Marmara Medical Journal, 0, , .	0.2	0
901	Neurochemistry of Drug Abuse. , 2006, , 429-558.		0
902	Neurochemistry and Molecular Neurobiology of Reward. , 2007, , 739-774.		7
903	The plasticity of alcohol addiction suggests novel approaches to pharmacological intervention. , 2007, , 103-122.		0
904	Dolor, opioides y adicción. , 2007, , 357-368.		0
905	Neurochemical and Neurobehavioral Consequences of Methamphetamine Abuse. , 2007, , 53-79.		1
906	Stimulerende middelen: Amfetamine. , 2008, , 221-244.		0
908	Transcription and Reward Systems. , 2009, , 1063-1070.		0
909	Neurobiological Basis of Drug Reward and Reinforcement. , 2010, , 255-281.		1

#	ARTICLE	IF	CITATIONS
910	Inhibition of Actin Polymerization Prevents Cocaine-induced Changes in Spine Morphology in the Nucleus Accumbens. , 2012, , 241-246.		0
911	Regulation of AMPA Receptor Trafficking in the Nucleus Accumbens by Dopamine and Cocaine. , 2012, , 223-239.		0
912	Environmental Modulation of Drug Taking. Neuromethods, 2011, , 293-309.	0.2	0
913	Animal Models in Addiction Research. , 2012, , 73-93.		2
914	Is Sugar as Addictive as Cocaine?. , 2012, , 231-237.		3
915	Regulation of AMPA Receptor Trafficking in the Nucleus Accumbens by Dopamine and Cocaine. , 2013, , 257-273.		0
916	Inhibition of Actin Polymerization Prevents Cocaine-induced Changes in Spine Morphology in the Nucleus Accumbens. , 2013, , 275-280.		0
918	Self Regulation of Memory Processing Centers of the Brain. , 2016, , 199-225.		0
919	Technology and Sensory, Perceptual, and Cognitive Processes. , 2016, , 85-137.		0
922	Sex experience increases delta FosB in male and female hamsters, but facilitates sex behavior only in females.. Behavioral Neuroscience, 2019, 133, 378-384.	0.6	2
925	A New Look at an Old Drug: Cumulative Effects of Low Ribavirin Doses in Amphetamine-Sensitized Rats. Current Pharmaceutical Design, 2020, 26, 3884-3894.	0.9	1
926	Alleviation of Methamphetamine Sensitization by Partially Lesioning Dopaminergic Terminals with 6-Hydroxydopamine in Nucleus Accumbens. Cell Transplantation, 2021, 30, 096368972110523.	1.2	3
927	Long Noncoding RNAs in Substance Use Disorders. RNA Technologies, 2020, , 465-490.	0.2	0
929	Ephrins and Eph Receptors in Spinogenesis and Synaptic Plasticity. , 2006, , 151-161.		0
930	3D Synaptic Organization of the Rat CA1 and Alterations Induced by Cocaine Self-Administration. Cerebral Cortex, 2021, 31, 1927-1952.	1.6	3
931	Can PLAY diminish ADHD and facilitate the construction of the social brain?. Journal of the Canadian Academy of Child and Adolescent Psychiatry, 2007, 16, 57-66.	0.7	60
932	Brain plasticity and behaviour in the developing brain. Journal of the Canadian Academy of Child and Adolescent Psychiatry, 2011, 20, 265-76.	0.7	223
933	Recent advances in neuroproteomics. Current Opinion in Molecular Therapeutics, 2007, 9, 270-81.	2.8	17

#	ARTICLE	IF	CITATIONS
934	Elevating student potential: creating digital video to teach neurotransmission. Journal of Undergraduate Neuroscience Education: JUNE: A Publication of FUN, Faculty for Undergraduate Neuroscience, 2012, 11, A6-A11.	0.6	1
938	Decision Utility, Incentive Saliency, and Cue-Triggered "Wanting"., 2009, 2009, 509-533.		8
939	Gene Expression Profile of Calcium/Calmodulin-Dependent Protein Kinase II $\beta$ in Rat's Hippocampus during Morphine Withdrawal. Basic and Clinical Neuroscience, 2013, 4, 146-52.	0.3	4
940	Proteome Analysis of Rat Hippocampus Following Morphine-induced Amnesia and State-dependent Learning. Iranian Journal of Pharmaceutical Research, 2015, 14, 591-602.	0.3	5
942	Prescription Opioid Analgesics Increase Risk of Major Depression: New Evidence, Plausible Neurobiological Mechanisms and Management to Achieve Depression Prophylaxis. Missouri Medicine, 2014, 111, 148-154.	0.3	14
943	Lower prefrontal cortical synaptic vesicle binding in cocaine use disorder: An exploratory <sup>11</sup> C- $\beta$ -CIT positron emission tomography study in humans. Addiction Biology, 2022, 27, e13123.	1.4	16
944	What Have We Learned (or Expect to) From Analysis of Murine Genetic Models Related to Substance Use Disorders?. Frontiers in Psychiatry, 2021, 12, 793961.	1.3	2
945	Region Specificity in Endogenous Opioid Peptides and Mu-opioid Receptor Gene Expression in Rat Brain Areas Involved in Addiction After Frequent Morphine Treatment. Jentashapir Journal of Cellular and Molecular Biology, 2022, 12, .	0.1	2
946	Addiction-induced plasticity in underlying neural circuits. Neurological Sciences, 2022, 43, 1605-1615.	0.9	7
947	Biochemical Mechanisms Underlying Psychedelic-Induced Neuroplasticity. Biochemistry, 2022, 61, 127-136.	1.2	41
948	Disruption of amphetamine sensitization by alteration of dendritic thin spines in the nucleus accumbens core. Journal of Neurochemistry, 2022, , .	2.1	0
950	Gender Differences in Dual Diagnoses Associated with Cannabis Use: A Review. Brain Sciences, 2022, 12, 388.	1.1	8
951	Areas of Convergence and Divergence in Adolescent Social Isolation and Binge Drinking: A Review. Frontiers in Behavioral Neuroscience, 2022, 16, 859239.	1.0	5
952	Discovery of a functionally selective ghrelin receptor (GHSR <sub>1a</sub> ) ligand for modulating brain dopamine. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2112397119.	3.3	4
953	Dopamine D4 Receptor Is a Regulator of Morphine-Induced Plasticity in the Rat Dorsal Striatum. Cells, 2022, 11, 31.	1.8	6
954	The distinct roles of various neurotransmitters in modulating methamphetamine-induced conditioned place preference in relevant brain regions in mice. NeuroReport, 2022, 33, 101-108.	0.6	2
955	The Influence of Recreational Drug Use on Experiences of the Passage of Time. Sucht, 2022, 68, 65-74.	0.1	3
956	FEAR, FUN, AND THE BOUNDARIES OF SOCIAL EXPERIENCE. , 2010, , 375-377.		0

#	ARTICLE	IF	CITATIONS
972	Can biophysical models of dendritic spines be used to explore synaptic changes associated with addiction?. <i>Physical Biology</i> , 2022, 19, 041001.	0.8	1
973	Preliminary Results on the Long-Term Effects of Dextromethorphan on MDMA-Mediated Serotonergic Deficiency and Volumetric Changes in Primates Based on 4-[18F]-ADAM PET/MRI. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	1
974	Distinct Synaptic Vesicle Proteomic Signatures Associated with Pre- and Post-Natal Oxycodone-Exposure. <i>Cells</i> , 2022, 11, 1740.	1.8	3
975	Knockout of Dopamine D3 Receptor Gene Blocked Methamphetamine-Induced Distinct Changes of Dopaminergic and Glutamatergic Synapse in the Nucleus Accumbens Shell of Mice. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	2
976	Prelimbic medial prefrontal cortex has bidirectional control over the expression of behavioral sensitization to 3,4-methylenedioxymethamphetamine (MDMA; ecstasy) depending on the context of drug administration. <i>Neuroscience Letters</i> , 2022, , 136710.	1.0	1
978	An Attentional Blink Research on Different Types of Words in Male with Substance Use Disorder. <i>International Journal of Mental Health and Addiction</i> , 2024, 22, 494-512.	4.4	0
979	Bisphenol-A impairs synaptic formation and function by RGS4-mediated regulation of BDNF signaling in the cerebral cortex. <i>DMM Disease Models and Mechanisms</i> , 2022, 15, .	1.2	6
980	Potential brain recovery of frontostriatal circuits in heroin users after prolonged abstinence: A preliminary study. <i>Journal of Psychiatric Research</i> , 2022, 152, 326-334.	1.5	3
981	Acute and long-term effects of psilocybin on energy balance and feeding behavior in mice. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	13
983	Adaptations in Nucleus Accumbens Neuron Subtypes Mediate Negative Affective Behaviors in Fentanyl Abstinence. <i>Biological Psychiatry</i> , 2023, 93, 489-501.	0.7	8
984	Mechanistic Effects and Use of N-acetylcysteine in Substance Use Disorders. <i>Current Behavioral Neuroscience Reports</i> , 2022, 9, 124-143.	0.6	1
985	Common and distinct fronto-striatal volumetric changes in heroin and cocaine use disorders. <i>Brain</i> , 2023, 146, 1662-1671.	3.7	6
986	Î±2Î² protein drives opioid-induced conditioned reward and synaptic NMDA receptor hyperactivity in the nucleus accumbens. <i>Journal of Neurochemistry</i> , 2023, 164, 143-157.	2.1	4
987	The neural basis of psychedelic action. <i>Nature Neuroscience</i> , 2022, 25, 1407-1419.	7.1	85
988	Carbonic anhydrase 4 disruption decreases synaptic and behavioral adaptations induced by cocaine withdrawal. <i>Science Advances</i> , 2022, 8, .	4.7	3
991	Epigenetic signature in neural plasticity: the journey so far and journey ahead. <i>Heliyon</i> , 2022, 8, e12292.	1.4	5
992	Retrieval-extinction of drug memory requires AMPA receptor trafficking. <i>Science Advances</i> , 2022, 8, .	4.7	2
994	Adolescent morphine exposure impairs dark avoidance memory and synaptic potentiation of ventral hippocampal CA1 during adulthood in rats. <i>Life Sciences</i> , 2023, 314, 121344.	2.0	6

#	ARTICLE	IF	CITATIONS
995	Age-dependent effects of tobacco smoke and nicotine on cognition and the brain: A systematic review of the human and animal literature comparing adolescents and adults. <i>Neuroscience and Biobehavioral Reviews</i> , 2023, 146, 105038.	2.9	13
998	Timing is key for behavioural benefits of psychedelics. <i>Nature</i> , 2023, 618, 677-678.	13.7	1
1003	Therapeutic mechanisms of psychedelics and entactogens. <i>Neuropsychopharmacology</i> , 2024, 49, 104-118.	2.8	4