

# Imaging dopamine's role in drug abuse and addiction

Neuropharmacology

56, 3-8

DOI: [10.1016/j.neuropharm.2008.05.022](https://doi.org/10.1016/j.neuropharm.2008.05.022)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Natural Approaches to Treating Addiction. <i>Alternative and Complementary Therapies</i> , 2008, 14, 275-281.	0.1	3
2	Dopamine Agonists Diminish Value Sensitivity of the Orbitofrontal Cortex: A Trigger for Pathological Gambling in Parkinson's Disease?. <i>Neuropsychopharmacology</i> , 2009, 34, 2758-2766.	5.4	140
3	Impulsivity: Its genetic, neurochemical and brain substrate determinants and the risks it entails for aberrant motivated behavior and psychopathology. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 93, 197-198.	2.9	4
4	Efficient microwave-assisted direct radiosynthesis of [ <sup>18</sup> F]PR04.MZ and [ <sup>18</sup> F]LBT999: Selective dopamine transporter ligands for quantitative molecular imaging by means of PET. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 7630-7634.	3.0	13
5	Light and intermittent cigarette smokers: a review (1989â€“2009). <i>Psychopharmacology</i> , 2009, 207, 343-363.	3.1	80
6	Synthesis and monoamine uptake inhibition of conformationally constrained 2 <sup>12</sup> -carbomethoxy-3 <sup>12</sup> -phenyl tropanes. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2688.	2.8	25
7	Cerebral morphology and dopamine D2/D3 receptor distribution in humans: A combined [ <sup>18</sup> F]fallypride and voxel-based morphometry study. <i>NeuroImage</i> , 2009, 46, 31-38.	4.2	65
8	Effects of chronic administration of drugs of abuse on impulsive choice (delay discounting) in animal models. <i>Behavioural Pharmacology</i> , 2009, 20, 380-389.	1.7	72
9	Neurobiologie de la toxicomanie: avancÃ©es rÃ©centes et nouvelles stratÃ©gies d'intervention. <i>Drogues, SantÃ© Et SociÃ©tÃ©</i> , 2009, 8, 27-73.	0.1	1
11	Dynamic single photon emission computed tomographyâ€™basic principles and cardiac applications. <i>Physics in Medicine and Biology</i> , 2010, 55, R111-R191.	3.0	97
12	Relapse to smoking during unaided cessation: clinical, cognitive and motivational predictors. <i>Psychopharmacology</i> , 2010, 212, 537-549.	3.1	146
13	How genes make up your mind: Individual biological differences and value-based decisions. <i>Journal of Economic Psychology</i> , 2010, 31, 818-831.	2.2	17
14	Smoking, nicotine and neuropsychiatric disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 34, 295-342.	6.1	188
15	Differential Sensitivity of A2A and Especially D2 Receptor Trafficking to Cocaine Compared with Lipid Rafts in Cotransfected CHO Cell Lines. Novel Actions of Cocaine Independent of the DA Transporter. <i>Journal of Molecular Neuroscience</i> , 2010, 41, 347-357.	2.3	23
16	Alterations of Central Dopamine Receptors Before and After Gastric Bypass Surgery. <i>Obesity Surgery</i> , 2010, 20, 369-374.	2.1	189
17	Potential mechanisms of atypical antipsychotic-induced metabolic derangement: Clues for understanding obesity and novel drug design. , 2010, 127, 210-251.		121
18	A case of methamphetamine use disorder treated with the antibiotic drug minocycline. <i>General Hospital Psychiatry</i> , 2010, 32, 559.e1-559.e3.	2.4	20
19	The DAT Ligand [ <sup>18</sup> F]PR17.MZ Mirrors the inâ€¦vivo Pharmacokinetic Profile of [ <sup>11</sup> C]Cocaine with Significantly Improved Monoamine Transporter Selectivity. <i>ChemMedChem</i> , 2010, 5, 1686-1688.	3.2	3

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21	Decreased ventral striatal activity with impulse control disorders in Parkinson's disease. <i>Movement Disorders</i> , 2010, 25, 1660-1669.	3.9	138
22	Acute Ethanol Effects on Brain Activation in Low- and High-Level Responders to Alcohol. <i>Alcoholism: Clinical and Experimental Research</i> , 2010, 34, 1162-1170.	2.4	30
23	Strain-specific proportion of the two isoforms of the dopamine D2 receptor in the mouse striatum: associated neural and behavioral phenotypes. <i>Genes, Brain and Behavior</i> , 2010, 9, 703-711.	2.2	22
24	PRECLINICAL STUDY: FULL ARTICLE: The dopamine D3 receptor partial agonist CJB090 and antagonist PG01037 decrease progressive ratio responding for methamphetamine in rats with extended access. <i>Addiction Biology</i> , 2010, 15, 312-323.	2.6	46
26	Risky Decisions and Their Consequences: Neural Processing by Boys with Antisocial Substance Disorder. <i>PLoS ONE</i> , 2010, 5, e12835.	2.5	124
27	Neuropharmacology of addiction and how it informs treatment. <i>British Medical Bulletin</i> , 2010, 96, 93-110.	6.9	53
28	Basal Ganglia Activity in Pathological Gambling: A Fluorodeoxyglucose-Positron Emission Tomography Study. <i>Neuropsychobiology</i> , 2010, 62, 132-138.	1.9	23
29	Exposure to Nicotine Produces an Increase in Dopamine D2 <sup>High</sup> Receptors: A Possible Mechanism for Dopamine Hypersensitivity. <i>International Journal of Neuroscience</i> , 2010, 120, 691-697.	1.6	36
30	A central role for the periphery in the rapid action of cocaine on brain neurons: focus on rapid EEG desynchronization and EMG activation induced by intravenous cocaine in freely moving rats: a peripheral, nondopamine neural triggering. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 298, R283-R284.	1.8	0
31	Dissociable Control of Impulsivity in Rats by Dopamine D2/3 Receptors in the Core and Shell Subregions of the Nucleus Accumbens. <i>Neuropsychopharmacology</i> , 2010, 35, 560-569.	5.4	118
32	Influence of Compulsivity of Drug Abuse on Dopaminergic Modulation of Attentional Bias in Stimulant Dependence. <i>Archives of General Psychiatry</i> , 2010, 67, 632.	12.3	94
34	Negotiating the Relationship Between Addiction, Ethics, and Brain Science. <i>AJOB Neuroscience</i> , 2010, 1, 36-45.	1.1	46
35	Cannabis Use and Memory Brain Function in Adolescent Boys: A Cross-Sectional Multicenter Functional Magnetic Resonance Imaging Study. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 561-572.e3.	0.5	89
36	Overeating, Obesity, and Dopamine Receptors. <i>ACS Chemical Neuroscience</i> , 2010, 1, 346-347.	3.5	6
37	Non-motor dopamine withdrawal syndrome after surgery for Parkinson's disease: predictors and underlying mesolimbic denervation. <i>Brain</i> , 2010, 133, 1111-1127.	7.6	453
38	Modafinil does not serve as a reinforcer in cocaine abusers. <i>Drug and Alcohol Dependence</i> , 2010, 106, 233-236.	3.2	55
39	The endogenous opioid system: A common substrate in drug addiction. <i>Drug and Alcohol Dependence</i> , 2010, 108, 183-194.	3.2	198
40	Cocaine produces D2R-mediated conformational changes in the adenosine A2AR-dopamine D2R heteromer. <i>Biochemical and Biophysical Research Communications</i> , 2010, 394, 988-992.	2.1	25

#	ARTICLE	IF	CITATIONS
41	Differential Dynamics of Activity Changes in Dorsolateral and Dorsomedial Striatal Loops during Learning. <i>Neuron</i> , 2010, 66, 781-795.	8.1	336
42	Dopamine receptor expression and distribution dynamically change in the rat nucleus accumbens after withdrawal from cocaine self-administration. <i>Neuroscience</i> , 2010, 169, 182-194.	2.3	69
43	Acute effects of sublingual buprenorphine on brain responses to heroin-related cues in early-abstinent heroin addicts: an uncontrolled trial. <i>Neuroscience</i> , 2010, 170, 808-815.	2.3	40
44	Dopamine D1 receptor gene expression decreases in the nucleus accumbens upon long-term exposure to palatable food and differs depending on diet-induced obesity phenotype in rats. <i>Neuroscience</i> , 2010, 171, 779-787.	2.3	159
45	The emergence of gonadal hormone influences on dopaminergic function during puberty. <i>Hormones and Behavior</i> , 2010, 58, 122-137.	2.1	100
46	Shared brain vulnerabilities open the way for nonsubstance addictions: Carving addiction at a new joint?. <i>Annals of the New York Academy of Sciences</i> , 2010, 1187, 294-315.	3.8	161
48	Imaging cognitive and behavioral symptoms in Parkinson's disease. <i>Expert Review of Neurotherapeutics</i> , 2010, 10, 1827-1838.	2.8	18
49	Advanced neuroimaging in obesity. <i>Expert Review of Endocrinology and Metabolism</i> , 2010, 5, 173-176.	2.4	0
50	Stimulant Abuse: Pharmacology, Cocaine, Methamphetamine, Treatment, Attempts at Pharmacotherapy. <i>Primary Care - Clinics in Office Practice</i> , 2011, 38, 41-58.	1.6	143
51	Cue-induced striatal dopamine release in Parkinson's disease-associated impulsive-compulsive behaviours. <i>Brain</i> , 2011, 134, 969-978.	7.6	283
52	The Neural Basis of Drug Stimulus Processing and Craving: An Activation Likelihood Estimation Meta-Analysis. <i>Biological Psychiatry</i> , 2011, 70, 785-793.	1.3	286
53	Response Perseveration in Stimulant Dependence Is Associated with Striatal Dysfunction and Can Be Ameliorated by a D2/3 Receptor Agonist. <i>Biological Psychiatry</i> , 2011, 70, 754-762.	1.3	113
54	Cocaine supersensitivity and enhanced motivation for reward in mice lacking dopamine D2 autoreceptors. <i>Nature Neuroscience</i> , 2011, 14, 1033-1038.	14.8	306
55	Prospective association of childhood attention-deficit/hyperactivity disorder (ADHD) and substance use and abuse/dependence: A meta-analytic review. <i>Clinical Psychology Review</i> , 2011, 31, 328-341.	11.4	677
56	Decreased striatal dopamine transporters in codeine-containing cough syrup abusers. <i>Drug and Alcohol Dependence</i> , 2011, 118, 148-151.	3.2	26
57	Reward, dopamine and the control of food intake: implications for obesity. <i>Trends in Cognitive Sciences</i> , 2011, 15, 37-46.	7.8	1,073
58	Addiction: Pulling at the Neural Threads of Social Behaviors. <i>Neuron</i> , 2011, 69, 599-602.	8.1	183
59	Exposure to a high-fat diet decreases sensitivity to $\Delta^9$ -tetrahydrocannabinol-induced motor effects in female rats. <i>Neuropharmacology</i> , 2011, 60, 274-283.	4.1	7

#	ARTICLE	IF	CITATIONS
60	Chronic cocaine administration reduces striatal dopamine terminal density and striatal dopamine release which leads to drug-seeking behaviour. <i>Neuroscience</i> , 2011, 174, 143-150.	2.3	18
61	Activation of dopamine D3 receptors inhibits reward-related learning induced by cocaine. <i>Neuroscience</i> , 2011, 176, 152-161.	2.3	33
64	Striatal Dopamine and the Interface between Motivation and Cognition. <i>Frontiers in Psychology</i> , 2011, 2, 163.	2.1	177
65	Reduced striatal dopamine D2 receptors in people with Internet addiction. <i>NeuroReport</i> , 2011, 22, 407-411.	1.2	263
66	The Dopaminergic System in Peripheral Blood Lymphocytes: From Physiology to Pharmacology and Potential Applications to Neuropsychiatric Disorders. <i>Current Neuropharmacology</i> , 2011, 9, 278-288.	2.9	76
67	The Striatal Balancing Act in Drug Addiction: Distinct Roles of Direct and Indirect Pathway Medium Spiny Neurons. <i>Frontiers in Neuroanatomy</i> , 2011, 5, 41.	1.7	301
68	Individual differences in substance dependence: at the intersection of brain, behaviour and cognition. <i>Addiction Biology</i> , 2011, 16, 458-466.	2.6	48
69	Cocaine self-administration leads to alterations in temporal responses to cocaine challenge in limbic and motor circuitry. <i>European Journal of Neuroscience</i> , 2011, 34, 800-815.	2.6	26
70	Positive emotionality is associated with baseline metabolism in orbitofrontal cortex and in regions of the default network. <i>Molecular Psychiatry</i> , 2011, 16, 818-825.	7.9	99
71	A pattern of perseveration in cocaine addiction may reveal neurocognitive processes implicit in the Wisconsin Card Sorting Test. <i>Neuropsychologia</i> , 2011, 49, 1660-1669.	1.6	56
72	Discriminative stimulus effects of cocaine and amphetamine in rats following developmental exposure to polychlorinated biphenyls (PCBs). <i>Neurotoxicology and Teratology</i> , 2011, 33, 255-262.	2.4	11
73	Diminished error processing in smokers during smoking cue exposure. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 97, 514-520.	2.9	64
74	Bulimia nervosa and evidence for striatal dopamine dysregulation: A conceptual review. <i>Physiology and Behavior</i> , 2011, 104, 122-127.	2.1	27
75	Addiction: Beyond dopamine reward circuitry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 15037-15042.	7.1	733
76	The Physiology, Signaling, and Pharmacology of Dopamine Receptors. <i>Pharmacological Reviews</i> , 2011, 63, 182-217.	16.0	2,109
77	Food and Drug Reward: Overlapping Circuits in Human Obesity and Addiction. <i>Current Topics in Behavioral Neurosciences</i> , 2011, 11, 1-24.	1.7	339
78	Expanding applications of deep brain stimulation: a potential therapeutic role in obesity and addiction management. <i>Acta Neurochirurgica</i> , 2011, 153, 2293-2306.	1.7	53
79	The role of impulsivity in the aetiology of drug dependence: reward sensitivity versus automaticity. <i>Psychopharmacology</i> , 2011, 215, 567-580.	3.1	41

#	ARTICLE	IF	CITATIONS
80	Can the Chronic Administration of the Combination of Buprenorphine and Naloxone Block Dopaminergic Activity Causing Anti-reward and Relapse Potential?. <i>Molecular Neurobiology</i> , 2011, 44, 250-268.	4.0	27
81	Imaging of alcohol-induced dopamine release in rats:Preliminary findings with [ <sup>11</sup> C]raclopride PET. <i>Synapse</i> , 2011, 65, 929-937.	1.2	7
82	Intertemporal choice in Parkinson's disease. <i>Movement Disorders</i> , 2011, 26, 2004-2010.	3.9	66
83	Brain fMRI and craving response to heroin-related cues in patients on methadone maintenance treatment. <i>American Journal of Drug and Alcohol Abuse</i> , 2011, 37, 123-130.	2.1	38
84	Neuroimaging for drug addiction and related behaviors. <i>Reviews in the Neurosciences</i> , 2011, 22, 609-24.	2.9	115
85	Imaging Dopamine Transmission in Cocaine Dependence: Link Between Neurochemistry and Response to Treatment. <i>American Journal of Psychiatry</i> , 2011, 168, 634-641.	7.2	188
86	Markov model of smoking cessation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 15549-15556.	7.1	25
87	Enhanced Sucrose and Cocaine Self-Administration and Cue-Induced Drug Seeking after Loss of VGLUT2 in Midbrain Dopamine Neurons in Mice. <i>Journal of Neuroscience</i> , 2011, 31, 12593-12603.	3.6	92
88	Noninvasive Nuclear Imaging Enables the In Vivo Quantification of Striatal Dopamine Receptor Expression and Raclopride Affinity in Mice. <i>Journal of Nuclear Medicine</i> , 2011, 52, 1133-1141.	5.0	29
89	The Utility of [ <sup>11</sup> C]-Arachidonate PET to Study <i>in vivo</i> Dopaminergic Neurotransmission in Humans. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 676-684.	4.3	20
90	What Is the Link between Eating, Reproducing, & Addiction?. <i>American Biology Teacher</i> , 2012, 74, 590-591.	0.2	2
91	Complementary Medicine, Exercise, Meditation, Diet, and Lifestyle Modification for Anxiety Disorders: A Review of Current Evidence. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-20.	1.2	60
92	Reduced Striatal Dopamine Transporters in People with Internet Addiction Disorder. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-5.	3.0	109
93	Recent Advances in Imaging of Dopaminergic Neurons for Evaluation of Neuropsychiatric Disorders. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-14.	3.0	59
94	Subjective and Neural Responses to Intravenous Alcohol in Young Adults with Light and Heavy Drinking Patterns. <i>Neuropsychopharmacology</i> , 2012, 37, 467-477.	5.4	77
95	Who Do You Think Is in Control in Addiction? A Pilot Study on Drug-related Locus of Control Beliefs. <i>Addictive Disorders and Their Treatment</i> , 2012, 11, 195-205.	0.5	16
96	Relations among Delay Discounting, Addictions, and Money Mismanagement: Implications and Future Directions. <i>American Journal of Drug and Alcohol Abuse</i> , 2012, 38, 30-42.	2.1	63
97	Impulsive and Compulsive Behaviors During Dopamine Replacement Treatment in Parkinson's Disease and Other Disorders. <i>Current Drug Safety</i> , 2012, 7, 63-75.	0.6	43

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98	Reduced Dopamine Receptor Sensitivity as an Intermediate Phenotype in Alcohol Dependence and the Role of the COMT Val158Met and DRD2 Taq1A Genotypes. Archives of General Psychiatry, 2012, 69, 339.	12.3	46
99	Identification of Two Functionally Distinct Endosomal Recycling Pathways for Dopamine D <sub>2</sub> Receptor. Journal of Neuroscience, 2012, 32, 7178-7190.	3.6	35
100	Phasic D1 and tonic D2 dopamine receptor signaling double dissociate the motivational effects of acute nicotine and chronic nicotine withdrawal. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3101-3106.	7.1	110
101	L'exploration fonctionnelle du cerveau. , 2012, , 173-202.		0
102	Increased vulnerability to cocaine in mice lacking dopamine D <sub>3</sub> receptors. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 17675-17680.	7.1	69
103	Higher Binding of the Dopamine D <sub>3</sub> Receptor-Preferring Ligand [ <sup>11</sup> C]-(+)-Propyl-Hexahydro-Naphtho-Oxazin in Methamphetamine Polydrug Users: A Positron Emission Tomography Study. Journal of Neuroscience, 2012, 32, 1353-1359.	3.6	152
104	History of cannabis use is not associated with alterations in striatal dopamine D <sub>2</sub> /D <sub>3</sub> receptor availability. Journal of Psychopharmacology, 2012, 26, 144-149.	4.0	57
105	Species Differences in Somatodendritic Dopamine Transmission Determine D2-Autoreceptor-Mediated Inhibition of Ventral Tegmental Area Neuron Firing. Journal of Neuroscience, 2012, 32, 13520-13528.	3.6	40
106	Current Perspectives on the Neurobiology of Drug Addiction: A Focus on Genetics and Factors Regulating Gene Expression. ISRN Neurology, 2012, 2012, 1-24.	1.5	17
107	Pharmacokinetics and central nervous system effects of the novel dopamine D3 receptor antagonist GSK598809 and intravenous alcohol infusion at pseudo-steady state. Journal of Psychopharmacology, 2012, 26, 303-314.	4.0	7
108	Impaired goal-directed behavioural control in human impulsivity. Quarterly Journal of Experimental Psychology, 2012, 65, 305-316.	1.1	109
109	Learning to cope with stress: psychobiological mechanisms of stress resilience. Reviews in the Neurosciences, 2012, 23, 659-72.	2.9	37
110	The involvement of the orbitofrontal cortex in psychiatric disorders: an update of neuroimaging findings. Revista Brasileira De Psiquiatria, 2012, 34, 207-212.	1.7	61
111	Mesocorticolimbic hyperactivity of deprived smokers and brain imaging. NeuroReport, 2012, 23, 1039-1043.	1.2	9
112	Neuroendocrine Assessment of Serotonergic, Dopaminergic, and Noradrenergic Functions in Alcohol-Dependent Individuals. Alcoholism: Clinical and Experimental Research, 2012, 36, 97-103.	2.4	22
113	Alcoholism and Cellular Vulnerability in Different Brain Regions. Ultrastructural Pathology, 2012, 36, 40-47.	0.9	13
114	The association between availability of serotonin transporters and time to relapse in heroin users – A two-isotope SPECT small sample pilot study. European Neuropsychopharmacology, 2012, 22, 647-650.	0.7	12
115	A Practical Guide to the Therapy of Narcolepsy and Hypersomnia Syndromes. Neurotherapeutics, 2012, 9, 739-752.	4.4	194



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116	Can Your Genes “Make You Do It”? American Biology Teacher, 2012, 74, 652-653.	0.2	0
117	The involvement of the orbitofrontal cortex in psychiatric disorders: an update of neuroimaging findings. Revista Brasileira De Psiquiatria, 2012, 34, 207-212.	1.7	8
118	Bestaat online-gameverslaving?. Verslaving, 2012, 8, 4-15.	0.1	0
119	Subthalamic stimulation in Parkinson’s disease: restoring the balance of motivated behaviours. Brain, 2012, 135, 1463-1477.	7.6	275
120	The behavioral, anatomical and pharmacological parallels between social attachment, love and addiction. Psychopharmacology, 2012, 224, 1-26.	3.1	235
121	Role of D1/D2 dopamine receptors in the CA1 region of the rat hippocampus in the rewarding effects of morphine administered into the ventral tegmental area. Behavioural Brain Research, 2012, 231, 111-115.	2.2	41
122	Access to a running wheel decreases cocaine-primed and cue-induced reinstatement in male and female rats. Drug and Alcohol Dependence, 2012, 121, 54-61.	3.2	55
123	Reward circuitry dysfunction in psychiatric and neurodevelopmental disorders and genetic syndromes: animal models and clinical findings. Journal of Neurodevelopmental Disorders, 2012, 4, 19.	3.1	251
124	CHAPTER 14. Pharmacotherapies for Drug Addiction. RSC Drug Discovery Series, 2012, , 357-383.	0.3	0
125	How neurodegeneration, dopamine and maladaptive behavioral learning interact to produce impulse control disorders in Parkinson’s disease. Basal Ganglia, 2012, 2, 195-199.	0.3	3
126	Deficits in Dopamine D2 Receptors and Presynaptic Dopamine in Heroin Dependence: Commonalities and Differences with Other Types of Addiction. Biological Psychiatry, 2012, 71, 192-198.	1.3	136
127	Phasic Mesolimbic Dopamine Signaling Precedes and Predicts Performance of a Self-Initiated Action Sequence Task. Biological Psychiatry, 2012, 71, 846-854.	1.3	90
128	Right on Cue? Striatal Reactivity in Problem Gamblers. Biological Psychiatry, 2012, 72, e23-e24.	1.3	68
129	Imaging genetics for utility of risks over gains and losses. NeuroImage, 2012, 59, 540-546.	4.2	11
130	Addiction Circuitry in the Human Brain. Annual Review of Pharmacology and Toxicology, 2012, 52, 321-336.	9.4	461
131	Foreword: The Neuroethics of Drug Addiction. , 2012, , xi-xiv.		1
132	Binding Interaction of Dopamine with Bovine Serum Albumin: A Biochemical Study. Spectroscopy Letters, 2012, 45, 85-92.	1.0	11
133	Cortical thinning in amphetamine-type stimulant users. Neuroscience, 2012, 221, 182-192.	2.3	32



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134	Dopamine, Corticostriatal Connectivity, and Intertemporal Choice. Journal of Neuroscience, 2012, 32, 9402-9409.	3.6	124
135	A network and functional investigation of illicit drugs and their targets. , 2012, , .		1
136	Sex differences in the neural mechanisms mediating addiction: a new synthesis and hypothesis. Biology of Sex Differences, 2012, 3, 14.	4.1	249
137	Role of Prefrontal Cortex Dopamine and Noradrenaline Circuitry in Addiction. , 2012, , .		0
139	Social Epistemology. , 2012, , 231-244.		0
140	Compensation for cranial spillâ€”in into the cerebellum improves quantitation of striatal dopamine D <sub>2/3</sub> receptors in rats with prolonged [ <sup>18</sup> F]â€”DMFP infusions. Synapse, 2012, 66, 705-713.	1.2	9
141	Positron Emission Tomography Molecular Imaging of Dopaminergic System in Drug Addiction. Anatomical Record, 2012, 295, 722-733.	1.4	17
142	Genetics of dopamine receptors and drug addiction. Human Genetics, 2012, 131, 803-822.	3.8	93
143	[ <sup>18</sup> F]fallypride PET measurement of striatal and extrastriatal dopamine D <sub>2/3</sub> receptor availability in recently abstinent alcoholics. Addiction Biology, 2012, 17, 490-503.	2.6	50
144	Striatal and extrastriatal dopamine transporter in cannabis and tobacco addiction: a highâ€”resolution PET study. Addiction Biology, 2012, 17, 981-990.	2.6	83
145	Neuroimaging and obesity: current knowledge and future directions. Obesity Reviews, 2012, 13, 43-56.	6.5	359
146	Can the neuroeconomics revolution revolutionize psychiatry?. Neuroscience and Biobehavioral Reviews, 2012, 36, 64-78.	6.1	88
147	Applications of positron emission tomography in animal models of neurological and neuropsychiatric disorders. Neuroscience and Biobehavioral Reviews, 2012, 36, 1188-1216.	6.1	56
148	Dopamine and food reward: Effects of acute tyrosine/phenylalanine depletion on appetite. Physiology and Behavior, 2012, 105, 1202-1207.	2.1	32
149	Error processing and response inhibition in excessive computer game players: an eventâ€”related potential study. Addiction Biology, 2012, 17, 934-947.	2.6	121
150	Striatal dopamine in bulimia nervosa: A pet imaging study. International Journal of Eating Disorders, 2012, 45, 648-656.	4.0	71
151	Availability of dopamine and serotonin transporters in opioid-dependent usersâ€”a two-isotope SPECT study. Psychopharmacology, 2012, 220, 55-64.	3.1	50
152	<i>COMT</i> Val158Met modulates the effect of childhood adverse experiences on the risk of alcohol dependence. Addiction Biology, 2013, 18, 344-356.	2.6	39

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153	Dopamine D3 receptors regulate reconsolidation of cocaine memory. <i>Neuroscience</i> , 2013, 241, 32-40.	2.3	19
154	Stimulus-specific and differential distribution of activated extracellular signal-regulated kinase in the nucleus accumbens core and shell during Pavlovian-instrumental transfer. <i>Brain Structure and Function</i> , 2013, 218, 913-927.	2.3	8
155	Effects of non-invasive neurostimulation on craving: A meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 2472-2480.	6.1	255
156	Effects of smoking on D2/D3 striatal receptor availability in alcoholics and social drinkers. <i>Brain Imaging and Behavior</i> , 2013, 7, 326-334.	2.1	21
157	Acute binge pattern cocaine administration induces region-specific effects in D1-r- and D2-r-expressing cells in eGFP transgenic mice. <i>Neuroscience</i> , 2013, 253, 123-131.	2.3	7
158	Dopamine reverses reward insensitivity in apathy following globus pallidus lesions. <i>Cortex</i> , 2013, 49, 1292-1303.	2.4	90
159	The Advent of the Golden Era of Animal Alternatives. , 2013, , 49-73.		2
160	Shared and unique genetic contributions to attention deficit/hyperactivity disorder and substance use disorders: A pilot study of six candidate genes. <i>European Neuropsychopharmacology</i> , 2013, 23, 448-457.	0.7	36
161	Hayek and Behavioral Economics. , 2013, , .		10
162	Caseâ€“control association analysis of Dopamine receptor polymorphisms in alcohol dependence: a pilot study in Indian males. <i>BMC Research Notes</i> , 2013, 6, 418.	1.4	16
163	Neuroimaging, neuropsychological and psychopathological findings in Medication Overuse Headache (MOH) before and after detoxification. <i>Journal of Headache and Pain</i> , 2013, 14, .	6.0	0
164	The effect of nucleus accumbens lesions on appetite, sexual function, and nicotine dependence in recovering heroin addicts. <i>Translational Neuroscience</i> , 2013, 4, 419-428.	1.4	1
165	Accumbens functional connectivity during reward mediates sensation-seeking and alcohol use in high-risk youth. <i>Drug and Alcohol Dependence</i> , 2013, 128, 130-139.	3.2	89
166	The Addictive Dimensionality of Obesity. <i>Biological Psychiatry</i> , 2013, 73, 811-818.	1.3	314
167	Roles of levo-tetrahydropalmatine in modulating methamphetamine reward behavior. <i>Physiology and Behavior</i> , 2013, 118, 195-200.	2.1	36
168	Prefrontal white matter impairment in substance users depends upon the catechol-o-methyl transferase (COMT) val158met polymorphism. <i>NeuroImage</i> , 2013, 69, 62-69.	4.2	23
169	The role of dopamine in inhibitory control in smokers and non-smokers: A pharmacological fMRI study. <i>European Neuropsychopharmacology</i> , 2013, 23, 1247-1256.	0.7	52
170	Is there such a thing as online video game addiction? A cross-disciplinary review. <i>Addiction Research and Theory</i> , 2013, 21, 102-112.	1.9	68

#	ARTICLE	IF	CITATIONS
171	Are there volumetric brain differences associated with the use of cocaine and amphetamine-type stimulants?. Neuroscience and Biobehavioral Reviews, 2013, 37, 300-316.	6.1	101
172	Effects of acute detoxification of the herbal blend "Spice Gold"™ on dopamine D2/3 receptor availability: A [18F]fallypride PET study. European Neuropsychopharmacology, 2013, 23, 1606-1610.	0.7	31
173	Does a Shared Neurobiology for Foods and Drugs of Abuse Contribute to Extremes of Food Ingestion in Anorexia and Bulimia Nervosa?. Biological Psychiatry, 2013, 73, 836-842.	1.3	146
174	Obesity and addiction: neurobiological overlaps. Obesity Reviews, 2013, 14, 2-18.	6.5	622
175	Translational Neuroimaging. , 2013, , 307-341.		0
177	An indirect resilience to addiction. Nature Neuroscience, 2013, 16, 521-523.	14.8	3
178	Strengthening the accumbal indirect pathway promotes resilience to compulsive cocaine use. Nature Neuroscience, 2013, 16, 632-638.	14.8	261
179	Dopamine and Food Addiction: Lexicon Badly Needed. Biological Psychiatry, 2013, 73, e15-e24.	1.3	60
180	Synergism Between a Serotonin 5-HT2AReceptor (5-HT2AR) Antagonist and 5-HT2CR Agonist Suggests New Pharmacotherapeutics for Cocaine Addiction. ACS Chemical Neuroscience, 2013, 4, 110-121.	3.5	82
181	Methamphetamine dependent individuals show attenuated brain response to pleasant interoceptive stimuli. Drug and Alcohol Dependence, 2013, 131, 238-246.	3.2	42
182	Striatal-insula circuits in cocaine addiction: implications for impulsivity and relapse risk. American Journal of Drug and Alcohol Abuse, 2013, 39, 424-432.	2.1	97
183	Hayek's Sensory Order, Gestalt Neuroeconomics, and Quantum Psychophysics. , 2013, , 177-196.		2
184	Mothers on Methadone: Care in the NICU. Neonatal Network: NN, 2013, 32, 409-415.	0.3	7
185	Occupancy of Brain Dopamine D3 Receptors and Drug Craving: A Translational Approach. Neuropsychopharmacology, 2013, 38, 302-312.	5.4	76
186	Impulsivity, Disinhibition, and Risk Taking in Addiction. , 2013, , 203-212.		3
187	Decision-making in Polydrug Amphetamine-type Stimulant Users: an fMRI Study. Neuropsychopharmacology, 2013, 38, 1377-1386.	5.4	19
188	Self-Medication. , 2013, , 235-241.		1
189	Postnatal Aversive Experience Impairs Sensitivity to Natural Rewards and Increases Susceptibility to Negative Events in Adult Life. Cerebral Cortex, 2013, 23, 1606-1617.	2.9	58

#	ARTICLE	IF	CITATIONS
190	Repurposing buspirone for drug addiction treatment. International Journal of Neuropsychopharmacology, 2013, 16, 251-253.	2.1	11
191	Associations Among Hypothalamus-Pituitary-Adrenal Axis Function, Novelty Seeking, and Retention in Methadone Maintenance Therapy for Heroin Dependency. Journal of Addiction Medicine, 2013, 7, 335-341.	2.6	6
192	Stimulant Medication and Substance Use Outcomes. JAMA Psychiatry, 2013, 70, 740.	11.0	175
193	Roles of Nucleus Accumbens CREB and Dynorphin in Dysregulation of Motivation. Cold Spring Harbor Perspectives in Medicine, 2013, 3, a012005-a012005.	6.2	57
194	Dopamine signaling in food addiction: role of dopamine D2 receptors. BMB Reports, 2013, 46, 519-526.	2.4	113
195	Catecholamine receptors differentially mediate impulsive choice in the medial prefrontal and orbitofrontal cortex. Journal of Psychopharmacology, 2013, 27, 203-212.	4.0	53
196	Neurobiological Mechanisms of Drug Addiction. , 2013, , 3-10.		2
197	Chronic Cocaine Dampens Dopamine Signaling during Cocaine Intoxication and Unbalances D <sub>1</sub> over D <sub>2</sub> Receptor Signaling. Journal of Neuroscience, 2013, 33, 15827-15836.	3.6	67
198	The Amphetamine Response Moderates the Relationship Between Negative Emotionality and Alcohol Use. Alcoholism: Clinical and Experimental Research, 2013, 37, 348-360.	2.4	9
199	Comorbidities and continuities as ontogenic processes: Toward a developmental spectrum model of externalizing psychopathology. Development and Psychopathology, 2013, 25, 1505-1528.	2.3	260
200	Impulsivity and apathy in Parkinson's disease. Journal of Neuropsychology, 2013, 7, 255-283.	1.4	81
201	Morphine administration modulates expression of <i>Argonaute 2</i> and dopamine-related transcription factors involved in midbrain dopaminergic neurons function. British Journal of Pharmacology, 2013, 168, 1889-1901.	5.4	20
202	Individual Differences and Social Influences on the Neurobehavioral Pharmacology of Abused Drugs. Pharmacological Reviews, 2013, 65, 255-290.	16.0	141
203	Associations between Attention Deficit Hyperactivity Disorder Symptom Domains and DSM-IV Lifetime Substance Dependence. American Journal on Addictions, 2013, 22, 23-32.	1.4	37
204	Tropane-derived <sup>11</sup> C-labelled and <sup>18</sup> F-labelled DAT ligands. Journal of Labelled Compounds and Radiopharmaceuticals, 2013, 56, 149-158.	1.0	14
205	Enhanced smoking cue salience associated with depression severity in nicotine-dependent individuals: a preliminary fMRI study. International Journal of Neuropsychopharmacology, 2013, 16, 997-1008.	2.1	20
206	Cognitive dysfunctions in recreational and dependent cocaine users: role of attention-deficit hyperactivity disorder, craving and early age at onset. British Journal of Psychiatry, 2013, 203, 35-43.	2.8	150
207	THC reduces the anticipatory nucleus accumbens response to reward in subjects with a nicotine addiction. Translational Psychiatry, 2013, 3, e234-e234.	4.8	44

#	ARTICLE	IF	CITATIONS
208	Striatal dopamine release in schizophrenia comorbid with substance dependence. <i>Molecular Psychiatry</i> , 2013, 18, 909-915.	7.9	87
209	Neural Circuit Modulation During Deep Brain Stimulation at the Subthalamic Nucleus for Parkinson's Disease: What Have We Learned from Neuroimaging Studies?. <i>Brain Connectivity</i> , 2013, 4, 131218075844008.	1.7	18
211	Can Neuroscience Improve Addiction Treatment and Policies?. <i>Public Health Reviews</i> , 2013, 35, .	3.2	4
212	Reduced Regional Homogeneity in Bilateral Frontostriatal System Relates to Higher Impulsivity Behavior in Codeine-Containing Cough Syrups Dependent Individuals. <i>PLoS ONE</i> , 2013, 8, e78738.	2.5	25
213	Executive Cognitive Dysfunction and ADHD in Cocaine Dependence: Searching for a Common Cognitive Endophenotype for Addictive Disorders. <i>Frontiers in Psychiatry</i> , 2013, 4, 126.	2.6	21
214	Impulse Control Disorders in Parkinson's Disease: Crossroads between Neurology, Psychiatry and Neuroscience. <i>Behavioural Neurology</i> , 2013, 27, 547-557.	2.1	12
215	Hayek's Sensory Order, Gestalt Neuroeconomics, and Quantum Psychophysics. <i>SSRN Electronic Journal</i> , 2013, , .	0.4	0
216	Involvement of Dopamine D2 Receptors in Addictive-Like Behaviour for Acetaldehyde. <i>PLoS ONE</i> , 2014, 9, e99454.	2.5	25
217	ADHD and Substance Use. , 2014, , .		4
218	Compulsivity in anorexia nervosa: a transdiagnostic concept. <i>Frontiers in Psychology</i> , 2014, 5, 778.	2.1	117
219	People are different: tyrosine's modulating effect on cognitive control in healthy humans may depend on individual differences related to dopamine function. <i>Frontiers in Psychology</i> , 2014, 5, 1101.	2.1	6
220	Machine learning classification of resting state functional connectivity predicts smoking status. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 425.	2.0	63
221	Effects of estrogen on higher-order cognitive functions in unstressed human females may depend on individual variation in dopamine baseline levels. <i>Frontiers in Neuroscience</i> , 2014, 8, 65.	2.8	35
222	Gut-brain peptides in corticostriatal-limbic circuitry and alcohol use disorders. <i>Frontiers in Neuroscience</i> , 2014, 8, 288.	2.8	22
223	Does human presynaptic striatal dopamine function predict social conformity?. <i>Journal of Psychopharmacology</i> , 2014, 28, 237-243.	4.0	4
224	The Nexus of Religion and Addiction Counseling: A Reflective Perspective. <i>Journal of Human Behavior in the Social Environment</i> , 2014, 24, 621-634.	1.9	0
225	Brain dopaminergic system changes in drug addiction: a review of positron emission tomography findings. <i>Neuroscience Bulletin</i> , 2014, 30, 765-776.	2.9	26
226	Dopamine D3 Receptor Is Necessary for Ethanol Consumption: An Approach with Buspirone. <i>Neuropsychopharmacology</i> , 2014, 39, 2017-2028.	5.4	52

#	ARTICLE	IF	CITATIONS
227	In vivo evidence for greater amphetamine-induced dopamine release in pathological gambling: a positron emission tomography study with [11C]-(+)-PHNO. <i>Molecular Psychiatry</i> , 2014, 19, 1305-1313.	7.9	173
228	Associations between childhood adversity, adult stressful life events, and past-year drug use disorders in the National Epidemiological Study of Alcohol and Related Conditions (NESARC).. <i>Psychology of Addictive Behaviors</i> , 2014, 28, 1117-1126.	2.1	65
229	Analysis of a computational model of dopamine synthesis and release through perturbation. , 2014, , .		3
230	Dysfunctions of decisionâ€making and cognitive control as transdiagnostic mechanisms of mental disorders: advances, gaps, and needs in current research. <i>International Journal of Methods in Psychiatric Research</i> , 2014, 23, 41-57.	2.1	196
231	In vivo activity of modafinil on dopamine transporter measured with positron emission tomography and [18F]FE-PE2I. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 697-703.	2.1	36
232	Using cognitive modelling to investigate the psychological processes of the <scp>Go</scp>/<scp>NoGo</scp> discrimination task in male abstinent heroin misusers. <i>Addiction</i> , 2014, 109, 1355-1362.	3.3	5
233	Baseline frontostriatal-limbic connectivity predicts reward-based memory formation. <i>Human Brain Mapping</i> , 2014, 35, 5921-5931.	3.6	19
234	A dualâ€systems perspective on addiction: contributions from neuroimaging and cognitive training. <i>Annals of the New York Academy of Sciences</i> , 2014, 1327, 62-78.	3.8	144
235	Pavlovian-to-Instrumental Transfer in Alcohol Dependence: A Pilot Study. <i>Neuropsychobiology</i> , 2014, 70, 111-121.	1.9	76
236	Poor ability to resist tempting calorie rich food is linked to altered balance between neural systems involved in urge and self-control. <i>Nutrition Journal</i> , 2014, 13, 92.	3.4	60
237	Psychostimulants. , 2014, , 93-132.		1
238	Searching for a Neurobiological Basis for Self-Medication Theory in ADHD Comorbid With Substance Use Disorders. <i>Clinical Nuclear Medicine</i> , 2014, 39, e129-e134.	1.3	29
239	Model-Based and Model-Free Decisions in Alcohol Dependence. <i>Neuropsychobiology</i> , 2014, 70, 122-131.	1.9	154
240	Bupropion as an Add-on Therapy in Depressed Bipolar Disorder Type I Patients With Comorbid Cocaine Dependence. <i>Clinical Neuropharmacology</i> , 2014, 37, 17-21.	0.7	13
241	Dissecting impulsivity and its relationships to drug addictions. <i>Annals of the New York Academy of Sciences</i> , 2014, 1327, 1-26.	3.8	227
242	Pretreatment measures of brain structure and reward-processing brain function in cannabis dependence: An exploratory study of relationships with abstinence during behavioral treatment1. <i>Drug and Alcohol Dependence</i> , 2014, 140, 33-41.	3.2	50
243	Increased Impulsivity Retards the Transition to Dorsolateral Striatal Dopamine Control of Cocaine Seeking. <i>Biological Psychiatry</i> , 2014, 76, 15-22.	1.3	46
244	Excessive state switching underlies reversal learning deficits in cocaine users. <i>Drug and Alcohol Dependence</i> , 2014, 134, 211-217.	3.2	16

#	ARTICLE	IF	CITATIONS
245	Preliminary evidence for normalization of risk taking by modafinil in chronic cocaine users. Addictive Behaviors, 2014, 39, 1057-1061.	3.0	21
246	Serotonin at the nexus of impulsivity and cue reactivity in cocaine addiction. Neuropharmacology, 2014, 76, 460-478.	4.1	112
247	Functional Status of the Serotonin 5-HT <sub>2C</sub> Receptor (5-HT <sub>2CR</sub> ) Drives Interlocked Phenotypes that Precipitate Relapse-Like Behaviors in Cocaine Dependence. Neuropsychopharmacology, 2014, 39, 360-372.	5.4	67
248	Developing Neurobiological Endophenotypes that Reflect Failure to Control Alcohol Consumption and Dependence. Current Addiction Reports, 2014, 1, 10-18.	3.4	1
249	Personality traits and vulnerability or resilience to substance use disorders. Trends in Cognitive Sciences, 2014, 18, 211-217.	7.8	126
250	Abnormal Brain Activity During a Reward and Loss Task in Opiate-Dependent Patients Receiving Methadone Maintenance Therapy. Neuropsychopharmacology, 2014, 39, 885-894.	5.4	54
251	Pharmacologically, are smokers the same as non-smokers?. Current Opinion in Pharmacology, 2014, 14, 42-49.	3.5	5
252	Stratified medicine for mental disorders. European Neuropsychopharmacology, 2014, 24, 5-50.	0.7	152
253	Developmental alterations in locomotor and anxiety-like behavior as a function of D1 and D2 mRNA expression. Behavioural Brain Research, 2014, 260, 25-33.	2.2	14
254	Histidine Decarboxylase Deficiency Causes Tourette Syndrome: Parallel Findings in Humans and Mice. Neuron, 2014, 81, 77-90.	8.1	212
255	VTA CRF neurons mediate the aversive effects of nicotine withdrawal and promote intake escalation. Nature Neuroscience, 2014, 17, 1751-1758.	14.8	124
257	Striatum and insula dysfunction during reinforcement learning differentiates abstinent and relapsed methamphetamine-dependent individuals. Addiction, 2014, 109, 460-471.	3.3	57
258	Dopamine D1 and D3 receptors mediate reconsolidation of cocaine memories in mouse models of drug self-administration. Neuroscience, 2014, 278, 154-164.	2.3	19
259	Biological substrates of addiction. Wiley Interdisciplinary Reviews: Cognitive Science, 2014, 5, 151-171.	2.8	28
260	Endocannabinoid signaling and food addiction. Neuroscience and Biobehavioral Reviews, 2014, 47, 203-224.	6.1	104
261	Cognitive control predicted by color vision, and vice versa. Neuropsychologia, 2014, 62, 55-59.	1.6	12
262	New perspectives on using brain imaging to study CNS stimulants. Neuropharmacology, 2014, 87, 104-114.	4.1	12
263	Effects of Genetic Deletion of Endogenous Opioid System Components on the Reinstatement of Cocaine-Seeking Behavior in Mice. Neuropsychopharmacology, 2014, 39, 2974-2988.	5.4	32



#	ARTICLE	IF	CITATIONS
264	Phasic Dopamine Release Drives Rapid Activation of Striatal D2-Receptors. <i>Neuron</i> , 2014, 84, 164-176.	8.1	112
265	The role of learning-related dopamine signals in addiction vulnerability. <i>Progress in Brain Research</i> , 2014, 211, 31-77.	1.4	72
266	Dopamine D3 receptor ligands for drug addiction treatment. <i>Progress in Brain Research</i> , 2014, 211, 255-275.	1.4	47
267	Multimodal predictive modeling of individual treatment outcome in cocaine dependence with combined neuroimaging and behavioral predictors. <i>Drug and Alcohol Dependence</i> , 2014, 143, 29-35.	3.2	14
268	Pilot randomized trial demonstrating reversal of obesity-related abnormalities in reward system responsivity to food cues with a behavioral intervention. <i>Nutrition and Diabetes</i> , 2014, 4, e129-e129.	3.2	44
269	Moving beyond energy homeostasis: New roles for glucagon-like peptide-1 in food and drug reward. <i>Neurochemistry International</i> , 2014, 73, 49-55.	3.8	23
270	What is the role of the D3 receptor in addiction? A mini review of PET studies with [11C]-(+)-PHNO. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 52, 4-8.	4.8	41
271	Cognitive Impairment in Cocaine Users is Drug-Induced but Partially Reversible: Evidence from a Longitudinal Study. <i>Neuropsychopharmacology</i> , 2014, 39, 2200-2210.	5.4	139
272	IRM fonctionnelle cérébrale et régulation de la prise alimentaire chez l'homme. <i>Medecine Des Maladies Metaboliques</i> , 2014, 8, 21-27.	0.1	0
273	Alcohol Challenge Responses Predict Future Alcohol Use Disorder Symptoms: A 6-Year Prospective Study. <i>Biological Psychiatry</i> , 2014, 75, 798-806.	1.3	165
274	Stimulant Treatment of ADHD and Cigarette Smoking: A Meta-Analysis. <i>Pediatrics</i> , 2014, 133, 1070-1080.	2.1	46
275	Relationship between impulsivity, prefrontal anticipatory activation, and striatal dopamine release during rewarded task performance. <i>Psychiatry Research - Neuroimaging</i> , 2014, 223, 244-252.	1.8	49
276	Addiction science: Uncovering neurobiological complexity. <i>Neuropharmacology</i> , 2014, 76, 235-249.	4.1	167
277	Stochastic dynamic causal modeling of working memory connections in cocaine dependence. <i>Human Brain Mapping</i> , 2014, 35, 760-778.	3.6	29
278	Striatal dopamine type 2 receptor availability in anorexia nervosa. <i>Psychiatry Research - Neuroimaging</i> , 2015, 233, 380-387.	1.8	34
279	Selective inhibition of dopamine $\beta$ -hydroxylase enhances dopamine release from noradrenergic terminals in the medial prefrontal cortex. <i>Brain and Behavior</i> , 2015, 5, e00393.	2.2	26
280	Endocannabinoid Signaling in Motivation, Reward, and Addiction. <i>International Review of Neurobiology</i> , 2015, 125, 257-302.	2.0	38
281	Dopamine modulates hemocyte phagocytosis via a D1-like receptor in the rice stem borer, <i>Chilo suppressalis</i> . <i>Scientific Reports</i> , 2015, 5, 12247.	3.3	26

#	ARTICLE	IF	CITATIONS
283	Synthesis and evaluation in rats of homologous series of [18F]-labeled dopamine D2/3 receptor agonists based on the 2-aminomethylchroman scaffold as potential PET tracers. <i>EJNMMI Research</i> , 2015, 5, 119.	2.5	6
284	Integrated dopaminergic neuronal model with reduced intracellular processes and inhibitory autoreceptors. <i>IET Systems Biology</i> , 2015, 9, 245-258.	1.5	14
285	Long-term, calorie-restricted intake of a high-fat diet in rats reduces impulse control and ventral striatal D <sub>2</sub> receptor signalling – two markers of addiction vulnerability. <i>European Journal of Neuroscience</i> , 2015, 42, 3095-3104.	2.6	71
287	The Neuroscientific Basis for Aesthetic Preference as an Intervention for Drug Craving Associated with Addiction. <i>Journal of Addiction Research &amp; Therapy</i> , 2015, 06, .	0.2	5
288	Theories and Treatment of Drug Dependency: A Neurochemical Perspective. <i>Current Molecular Pharmacology</i> , 2015, 7, 52-66.	1.5	1
289	Lower Frequency of co-Morbid Medical Disorders Related to Poor Impulse Control in Parkinson's than Alzheimer's Disease. <i>Current Aging Science</i> , 2015, 9, 57-60.	1.2	0
290	Comorbid Conditions in Child and Adolescent Patients Diagnosed with Attention Deficit/Hyperactivity Disorder. , 0, , .		0
291	Opposing Role for Egr3 in Nucleus Accumbens Cell Subtypes in Cocaine Action. <i>Journal of Neuroscience</i> , 2015, 35, 7927-7937.	3.6	101
292	ADHD symptomatology is best conceptualized as a spectrum: a dimensional versus unitary approach to diagnosis. <i>ADHD Attention Deficit and Hyperactivity Disorders</i> , 2015, 7, 249-269.	1.7	39
293	Reduced Insulin Sensitivity Is Related to Less Endogenous Dopamine at D2/3 Receptors in the Ventral Striatum of Healthy Nonobese Humans. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyv014-pyv014.	2.1	59
294	Towards a Better Understanding of Disordered Gambling: Efficacy of Animal Paradigms in Modelling Aspects of Gambling Behaviour. <i>Current Addiction Reports</i> , 2015, 2, 240-248.	3.4	0
295	Resting state connectivity in alcohol dependent patients and the effect of repetitive transcranial magnetic stimulation. <i>European Neuropsychopharmacology</i> , 2015, 25, 2230-2239.	0.7	46
296	Naturalism and Philosophical Anthropology. , 2015, , .		6
297	Suboptimal foraging behavior: A new perspective on gambling.. <i>Behavioral Neuroscience</i> , 2015, 129, 656-665.	1.2	16
298	Therapeutic Opportunities for Self-Control Repair in Addiction and Related Disorders. <i>Clinical Psychological Science</i> , 2015, 3, 140-153.	4.0	77
299	Abnormal reward functioning across substance use disorders and major depressive disorder: Considering reward as a transdiagnostic mechanism. <i>International Journal of Psychophysiology</i> , 2015, 98, 227-239.	1.0	109
300	The brain disease model of addiction: is it supported by the evidence and has it delivered on its promises?. <i>Lancet Psychiatry</i> , 2015, 2, 105-110.	7.4	158
301	Elevation of BDNF Exon I-Specific Transcripts in the Frontal Cortex and Midbrain of Rat During Spontaneous Morphine Withdrawal is Accompanied by Enhanced pCreb1 Occupancy at the Corresponding Promoter. <i>Neurochemical Research</i> , 2015, 40, 130-138.	3.3	13

#	ARTICLE	IF	CITATIONS
302	Metacognition in persons with substance abuse: Findings and implications for occupational therapists. Canadian Journal of Occupational Therapy, 2015, 82, 150-159.	1.3	29
303	Estrogen receptors in the central nervous system and their implication for dopamine-dependent cognition in females. Hormones and Behavior, 2015, 74, 125-138.	2.1	208
304	Loss of Feedback Inhibition via D2 Autoreceptors Enhances Acquisition of Cocaine Taking and Reactivity to Drug-Paired Cues. Neuropsychopharmacology, 2015, 40, 1495-1509.	5.4	46
305	The association between heroin expenditure and dopamine transporter availabilityâ€”A single-photon emission computed tomography study. Psychiatry Research - Neuroimaging, 2015, 231, 292-297.	1.8	5
306	Cortico-striatal circuits: Novel therapeutic targets for substance use disorders. Brain Research, 2015, 1628, 186-198.	2.2	53
307	NCAM1-TTC12-ANKK1-DRD2 variants and smoking motives as intermediate phenotypes for nicotine dependence. Psychopharmacology, 2015, 232, 1177-1186.	3.1	18
308	NOW vs LATER brain circuits: implications for obesity and addiction. Trends in Neurosciences, 2015, 38, 345-352.	8.6	188
309	Targeting glutamate uptake to treat alcohol use disorders. Frontiers in Neuroscience, 2015, 9, 144.	2.8	118
310	The ontogeny of chronic distress: emotion dysregulation across the life span and its implications for psychological and physical health. Current Opinion in Psychology, 2015, 3, 91-99.	4.9	48
311	Decision-Theoretic Psychiatry. Clinical Psychological Science, 2015, 3, 400-421.	4.0	58
312	Chronic cocaine disrupts mesocortical learning mechanisms. Brain Research, 2015, 1628, 88-103.	2.2	24
314	Biomarkers in Substance Use Disorders. ACS Chemical Neuroscience, 2015, 6, 522-525.	3.5	106
315	Addiction Circuitry in the Human Brain. Focus (American Psychiatric Publishing), 2015, 13, 341-350.	0.8	4
316	Smaller amygdala and medial prefrontal cortex predict escalating stimulant use. Brain, 2015, 138, 2074-2086.	7.6	54
317	Differential activation of accumbens shell and core dopamine by sucrose reinforcement with nose poking and with lever pressing. Behavioural Brain Research, 2015, 294, 215-223.	2.2	17
318	Methamphetamine Self-Administration in Mice Decreases GIRK Channel-Mediated Currents in Midbrain Dopamine Neurons. International Journal of Neuropsychopharmacology, 2015, 18, pyu073-pyu073.	2.1	50
319	Synthetic Cannabinoid Effects on Behavior and Motivation. , 2015, , 205-224.		3
320	The role of prolactin in andrology: what is new?. Reviews in Endocrine and Metabolic Disorders, 2015, 16, 233-248.	5.7	56

#	ARTICLE	IF	CITATIONS
321	Synthesis and Evaluation in Rats of the Dopamine D2/3 Receptor Agonist 18F-AMC20 as a Potential Radioligand for PET. Journal of Nuclear Medicine, 2015, 56, 133-139.	5.0	6
322	Morphine regulates Argonaute 2 and TH expression and activity but not miR-133b in midbrain dopaminergic neurons. Addiction Biology, 2015, 20, 104-119.	2.6	25
323	Exercise-based treatments for substance use disorders: evidence, theory, and practicality. American Journal of Drug and Alcohol Abuse, 2015, 41, 7-15.	2.1	120
324	A house of cards: The long-term recovery experience of former drug-dependent Israeli women. Women's Studies International Forum, 2015, 48, 18-28.	1.1	25
325	Neurocognitive predictors of substance use disorders and nicotine dependence in <scp>ADHD</scp> probands, their unaffected siblings, and controls: a 4-year prospective follow-up. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2015, 56, 521-529.	5.2	17
326	Dysregulation of dopaminergic regulatory mechanisms in the mesolimbic pathway induced by morphine and morphine withdrawal. Brain Structure and Function, 2015, 220, 1901-1919.	2.3	18
327	Single-Photon-Emission Computed Tomography Studies with Dopamine and Serotonin Transporters in Opioid Users. , 2016, , 966-973.		1
328	The Neurobiology of Comorbid Drug Abuse in Schizophrenia and Psychotic Disorders. , 2016, , 82-88.		59
329	Degeneration of Dopaminergic Neurons Due to Metabolic Alterations and Parkinson's Disease. Frontiers in Aging Neuroscience, 2016, 8, 65.	3.4	39
330	Reduced Functional Connectivity within the Mesocorticolimbic System in Substance Use Disorders: An fMRI Study of Puerto Rican Young Adults. Frontiers in Behavioral Neuroscience, 2016, 10, 102.	2.0	3
331	Presynaptic G Protein-Coupled Receptors: Gatekeepers of Addiction?. Frontiers in Cellular Neuroscience, 2016, 10, 264.	3.7	47
332	Utility of Machine-Learning Approaches to Identify Behavioral Markers for Substance Use Disorders: Impulsivity Dimensions as Predictors of Current Cocaine Dependence. Frontiers in Psychiatry, 2016, 7, 34.	2.6	57
333	Dopamine Rebound-Excitation Theory: Putting Brakes on PTSD. Frontiers in Psychiatry, 2016, 7, 163.	2.6	32
335	A Primer on the Genetics of Comorbid Eating Disorders and Substance Use Disorders. European Eating Disorders Review, 2016, 24, 91-100.	4.1	42
336	Cocaine Constrictor Mechanisms of the Cerebral Vasculature. Journal of Cardiovascular Pharmacology, 2016, 67, 442-450.	1.9	9
337	Pavlovian-to-instrumental transfer effects in the nucleus accumbens relate to relapse in alcohol dependence. Addiction Biology, 2016, 21, 719-731.	2.6	136
338	Impulsivity, Stimulant Abuse, and Dopamine Receptor Signaling. Advances in Pharmacology, 2016, 76, 67-84.	2.0	35
339	PET imaging for addiction medicine. Progress in Brain Research, 2016, 224, 175-201.	1.4	26

#	ARTICLE	IF	CITATIONS
340	Glutamate neurons are intermixed with midbrain dopamine neurons in nonhuman primates and humans. <i>Scientific Reports</i> , 2016, 6, 30615.	3.3	84
342	Time-dependent effects of repeated THC treatment on dopamine D2/3 receptor-mediated signalling in midbrain and striatum. <i>Behavioural Brain Research</i> , 2016, 311, 322-329.	2.2	51
343	Transitionality in addiction: A "temporal continuum" hypotheses involving the aberrant motivation, the hedonic dysregulation, and the aberrant learning. <i>Medical Hypotheses</i> , 2016, 93, 62-70.	1.5	43
344	Smoking Abstinence-Induced Changes in Resting State Functional Connectivity with Ventral Striatum Predict Lapse During a Quit Attempt. <i>Neuropsychopharmacology</i> , 2016, 41, 2521-2529.	5.4	42
345	Reduced striatal dopamine D 2/3 receptor availability in Body Dysmorphic Disorder. <i>European Neuropsychopharmacology</i> , 2016, 26, 350-356.	0.7	10
346	Emotion dysregulation and amygdala dopamine D2-type receptor availability in methamphetamine users. <i>Drug and Alcohol Dependence</i> , 2016, 161, 163-170.	3.2	22
347	Counter striking psychosis: Commercial video games as potential treatment in schizophrenia? A systematic review of neuroimaging studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 68, 20-36.	6.1	28
348	Cognitive and emotional impairments in adults with attention-deficit/hyperactivity disorder and cocaine use. <i>Drug and Alcohol Dependence</i> , 2016, 163, 92-99.	3.2	29
349	Drug addiction: An affective-cognitive disorder in need of a cure. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 65, 341-361.	6.1	44
350	Synaptic mechanisms underlying persistent cocaine craving. <i>Nature Reviews Neuroscience</i> , 2016, 17, 351-365.	10.2	323
351	What does addiction medicine expect from neuroscience? From genes and neurons to treatment responses. <i>Progress in Brain Research</i> , 2016, 224, 419-447.	1.4	5
352	The research domain criteria framework: The case for anterior cingulate cortex. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 71, 418-443.	6.1	158
353	Neurobiology of addiction: a neurocircuitry analysis. <i>Lancet Psychiatry</i> , the, 2016, 3, 760-773.	7.4	2,225
354	Increased drug use and the timing of social assistance receipt among people who use illicit drugs. <i>Social Science and Medicine</i> , 2016, 171, 94-102.	3.8	18
355	Plasma interleukin-6 and executive function in crack cocaine-dependent women. <i>Neuroscience Letters</i> , 2016, 628, 85-90.	2.1	31
356	Model-Free Temporal-Difference Learning and Dopamine in Alcohol Dependence: Examining Concepts From Theory and Animals in Human Imaging. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 401-410.	1.5	12
357	Using model systems to understand errant plasticity mechanisms in psychiatric disorders. <i>Nature Neuroscience</i> , 2016, 19, 1418-1425.	14.8	20
358	Longitudinal psychosocial factors related to symptoms of Internet addiction among adults in early midlife. <i>Addictive Behaviors</i> , 2016, 62, 65-72.	3.0	13

#	ARTICLE	IF	CITATIONS
359	High fat diet augments amphetamine sensitization in mice: Role of feeding pattern, obesity, and dopamine terminal changes. <i>Neuropharmacology</i> , 2016, 109, 170-182.	4.1	33
360	Regulation of dopaminergic markers expression in response to acute and chronic morphine and to morphine withdrawal. <i>Addiction Biology</i> , 2016, 21, 374-386.	2.6	18
361	Advances and challenges in pharmacotherapeutics for amphetamine-type stimulants addiction. <i>European Journal of Pharmacology</i> , 2016, 780, 129-135.	3.5	23
363	Physiology of EtOH, Opiate, Hypnotics, and Stimulants Receptors. , 2016, , 33-74.		0
364	Shared and unique mechanisms underlying binge eating disorder and addictive disorders. <i>Clinical Psychology Review</i> , 2016, 44, 125-139.	11.4	187
365	Self-deception as affective coping. An empirical perspective on philosophical issues. <i>Consciousness and Cognition</i> , 2016, 41, 119-134.	1.5	11
366	Epistatic interactions involving DRD2, DRD4, and COMT polymorphisms and risk of substance abuse in women with binge-purge eating disturbances. <i>Journal of Psychiatric Research</i> , 2016, 77, 8-14.	3.1	15
367	Compulsivity in obsessive-compulsive disorder and addictions. <i>European Neuropsychopharmacology</i> , 2016, 26, 856-868.	0.7	183
368	Abnormal prefrontal cortex resting state functional connectivity and severity of internet gaming disorder. <i>Brain Imaging and Behavior</i> , 2016, 10, 719-729.	2.1	85
369	Contribution of non-genetic factors to dopamine and serotonin receptor availability in the adult human brain. <i>Molecular Psychiatry</i> , 2016, 21, 1077-1084.	7.9	12
370	Behavioural addiction—A rising tide?. <i>European Neuropsychopharmacology</i> , 2016, 26, 841-855.	0.7	81
371	Dopamine and serotonin genetic risk scores predicting substance and nicotine use in attention deficit/hyperactivity disorder. <i>Addiction Biology</i> , 2016, 21, 915-923.	2.6	19
372	Challenges in the development of therapeutics for narcolepsy. <i>Progress in Neurobiology</i> , 2017, 152, 89-113.	5.7	45
373	Deficits in striatal dopamine release in cannabis dependence. <i>Molecular Psychiatry</i> , 2017, 22, 68-75.	7.9	107
374	Aberrant interhemispheric functional and structural connectivity in heroin-dependent individuals. <i>Addiction Biology</i> , 2017, 22, 1057-1067.	2.6	30
375	Resting state brain connectivity patterns before eventual relapse into cocaine abuse. <i>Behavioural Brain Research</i> , 2017, 327, 121-132.	2.2	26
376	Reward-Related Ventral Striatum Activity Links Polygenic Risk for Attention-Deficit/Hyperactivity Disorder to Problematic Alcohol Use in Young Adulthood. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 180-187.	1.5	16
377	Dopamine D1 receptor agonist treatment attenuates extinction of morphine conditioned place preference while increasing dendritic complexity in the nucleus accumbens core. <i>Behavioural Brain Research</i> , 2017, 322, 18-28.	2.2	14

#	ARTICLE	IF	CITATIONS
378	Reversing the Atypical Valuation of Drug and Nondrug Rewards in Smokers Using Multimodal Neuroimaging. <i>Biological Psychiatry</i> , 2017, 82, 819-827.	1.3	33
379	Functional expression of dopamine D2 receptor is regulated by tetraspanin 7-mediated postendocytic trafficking. <i>FASEB Journal</i> , 2017, 31, 2301-2313.	0.5	23
380	Dopamine Increases CD14+CD16+ Monocyte Transmigration across the Blood Brain Barrier: Implications for Substance Abuse and HIV Neuropathogenesis. <i>Journal of Neuroimmune Pharmacology</i> , 2017, 12, 353-370.	4.1	45
381	Contributions of basolateral amygdala and nucleus accumbens subregions to mediating motivational conflict during punished reward-seeking. <i>Neurobiology of Learning and Memory</i> , 2017, 140, 92-105.	1.9	53
382	A Novel Approach to Identifying a Neuroimaging Biomarker for Patients With Serious Mental Illness. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2017, 29, 275-283.	1.8	13
383	Dopamine Receptors Differentially Control Binge Alcohol Drinking-Mediated Synaptic Plasticity of the Core Nucleus Accumbens Direct and Indirect Pathways. <i>Journal of Neuroscience</i> , 2017, 37, 5463-5474.	3.6	29
384	The acute effect of pleasurable music on craving for alcohol: A pilot crossover study. <i>Journal of Psychiatric Research</i> , 2017, 90, 143-147.	3.1	9
385	A review of positron emission tomography studies exploring the dopaminergic system in substance use with a focus on tobacco as a co-variate. <i>American Journal of Drug and Alcohol Abuse</i> , 2017, 43, 197-214.	2.1	15
386	Measuring inhibition of monoamine reuptake transporters by new psychoactive substances (NPS) in real-time using a high-throughput, fluorescence-based assay. <i>Toxicology in Vitro</i> , 2017, 45, 60-71.	2.4	48
387	Differentiating Physicochemical Properties between Addictive and Nonaddictive ADHD Drugs Revealed by Molecular Dynamics Simulation Studies. <i>ACS Chemical Neuroscience</i> , 2017, 8, 1416-1428.	3.5	61
388	A single-scan protocol for absolute D2/3 receptor quantification with [123I]IBZM SPECT. <i>NeuroImage</i> , 2017, 147, 461-472.	4.2	11
389	New Insights Into the Roles of Retinoic Acid Signaling in Nervous System Development and the Establishment of Neurotransmitter Systems. <i>International Review of Cell and Molecular Biology</i> , 2017, 330, 1-84.	3.2	24
390	Glial and neuroinflammatory targets for treating substance use disorders. <i>Drug and Alcohol Dependence</i> , 2017, 180, 156-170.	3.2	79
391	The Role of Education on Dual Disorders: A Discussion Paper. <i>Addictive Disorders and Their Treatment</i> , 2017, 16, 155-163.	0.5	0
392	Structural alterations in the prefrontal cortex mediate the relationship between Internet gaming disorder and depressed mood. <i>Scientific Reports</i> , 2017, 7, 1245.	3.3	36
393	Exercise training reduces alcohol consumption but does not affect HPA-axis activity in heavy drinkers. <i>Physiology and Behavior</i> , 2017, 179, 276-283.	2.1	21
394	The genetic epidemiology of substance use disorder: A review. <i>Drug and Alcohol Dependence</i> , 2017, 180, 241-259.	3.2	108
395	Deletion of Type 2 Metabotropic Glutamate Receptor Decreases Sensitivity to Cocaine Reward in Rats. <i>Cell Reports</i> , 2017, 20, 319-332.	6.4	28



#	ARTICLE	IF	CITATIONS
396	Levo-tetrahydropalmatine inhibits the acquisition of ketamine-induced conditioned place preference by regulating the expression of ERK and CREB phosphorylation in rats. Behavioural Brain Research, 2017, 317, 367-373.	2.2	23
397	Can cleanerfish overcome temptation? A selective role for dopamine influence on cooperative-based decision making. Physiology and Behavior, 2017, 169, 124-129.	2.1	15
398	Caffeine Induces a Stimulant Effect and Increases Dopamine Release in the Nucleus Accumbens Shell Through the Pulmonary Inhalation Route of Administration in Rats. Neurotoxicity Research, 2017, 31, 90-98.	2.7	19
399	Maternal impulse control disability and developmental disorder traits are risk factors for child maltreatment. Scientific Reports, 2017, 7, 15565.	3.3	6
401	Learning and Memory in Addiction. , 2017, , 523-538.		7
402	Brain Imaging and Addiction Neuroscience and Biobehavioral Psychologyâ„†. , 2017, , .		0
403	Enhanced functional connectivity and volume between cognitive and reward centers of naïve rodent brain produced by pro-dopaminergic agent KB220Z. PLoS ONE, 2017, 12, e0174774.	2.5	92
404	Drug abusers have impaired cerebral oxygenation and cognition during exercise. PLoS ONE, 2017, 12, e0188030.	2.5	10
405	Imaging Sex Differences in Regional Brain Metabolism during Acute Opioid Withdrawal. Journal of Alcoholism and Drug Dependence, 2017, 05, .	0.2	4
406	Changes in Effective Connectivity Network Patterns in Drug Abusers, Treated With Different Methods. Basic and Clinical Neuroscience, 2017, 8, 285-298.	0.6	7
407	Regional Heterogeneity of D2-Receptor Signaling in the Dorsal Striatum and Nucleus Accumbens. Neuron, 2018, 98, 575-587.e4.	8.1	52
408	High and low doses of cocaine intake are differentially regulated by dopamine D2 receptors in the ventral tegmental area and the nucleus accumbens. Neuroscience Letters, 2018, 671, 133-139.	2.1	14
409	Ventral tegmental area D2 receptor knockdown enhances choice impulsivity in a delay-discounting task in rats. Behavioural Brain Research, 2018, 341, 129-134.	2.2	20
410	Pro-dopamine regulator, KB220Z, attenuates hoarding and shopping behavior in a female, diagnosed with SUD and ADHD. Journal of Behavioral Addictions, 2018, 7, 192-203.	3.7	15
411	Cue Reactivity Essentials: Event-Related Potentials During Identification of Visual Alcoholic Stimuli in Social Drinkers. Journal of Studies on Alcohol and Drugs, 2018, 79, 137-147.	1.0	8
412	Development, validation and comparison of surrogate matrix and surrogate analyte approaches with UHPLC-MS/MS to simultaneously quantify dopamine, serotonin and 3-aminobutyric acid in four rat brain regions. Biomedical Chromatography, 2018, 32, e4276.	1.7	9
413	Accumbens dopamine D2 receptors increase motivation by decreasing inhibitory transmission to the ventral pallidum. Nature Communications, 2018, 9, 1086.	12.8	92
414	A 35.8 kilobases haplotype spanning ANKK1 and DRD2 is associated with heroin dependence in Han Chinese males. Brain Research, 2018, 1688, 54-64.	2.2	15

#	ARTICLE	IF	CITATIONS
415	A genetic reduction in the serotonin transporter differentially influences MDMA and heroin induced behaviours. <i>Psychopharmacology</i> , 2018, 235, 1907-1914.	3.1	7
416	Human Abuse Potential of the New Opioid Analgesic Molecule NKTR-181 Compared with Oxycodone. <i>Pain Medicine</i> , 2018, 19, 307-318.	1.9	25
417	21st century neurobehavioral theories of decision making in addiction: Review and evaluation. <i>Pharmacology Biochemistry and Behavior</i> , 2018, 164, 4-21.	2.9	94
418	The Effect of Treatment with Guanfacine, an Alpha2 Adrenergic Agonist, on Dopaminergic Tone in Tobacco Smokers: An [11C]FLB457 PET Study. <i>Neuropsychopharmacology</i> , 2018, 43, 1052-1058.	5.4	12
419	Sugar addiction: is it real? A narrative review. <i>British Journal of Sports Medicine</i> , 2018, 52, 910-913.	6.7	59
420	Striatal dopamine D1-type receptor availability: no difference from control but association with cortical thickness in methamphetamine users. <i>Molecular Psychiatry</i> , 2018, 23, 1320-1327.	7.9	19
421	Behavioral and neural mechanisms underlying habitual and compulsive drug seeking. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 87, 11-21.	4.8	66
422	The pathophysiological mechanisms of motivational deficits in Parkinson's disease. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 81, 138-152.	4.8	10
423	Effect fingerprinting of new psychoactive substances (NPS): What can we learn from in vitro data?. , 2018, 182, 193-224.		75
424	Deep TMS of the insula using the H-coil modulates dopamine release: a crossover [11C] PHNO-PET pilot trial in healthy humans. <i>Brain Imaging and Behavior</i> , 2018, 12, 1306-1317.	2.1	41
425	Left frontoparietal network activity is modulated by drug stimuli in cocaine addiction. <i>Brain Imaging and Behavior</i> , 2018, 12, 1259-1270.	2.1	26
426	Causal Factors of Increased Smoking in ADHD: A Systematic Review. <i>Substance Use and Misuse</i> , 2018, 53, 432-445.	1.4	42
427	Regulation and trafficking of muscarinic acetylcholine receptors. <i>Neuropharmacology</i> , 2018, 136, 374-382.	4.1	9
428	Heroin Addiction in Serbian Patients With Tourette Syndrome. <i>Journal of Psychiatric Practice</i> , 2018, 24, 424-427.	0.7	4
429	Interaction Between Stress and Addiction: Contributions From Latin-American Neuroscience. <i>Frontiers in Psychology</i> , 2018, 9, 2639.	2.1	14
430	Dopaminergic Neurotransmission in Patients With Parkinson's Disease and Impulse Control Disorders: A Systematic Review and Meta-Analysis of PET and SPECT Studies. <i>Frontiers in Neurology</i> , 2018, 9, 1018.	2.4	29
431	Deletion of the type 2 metabotropic glutamate receptor increases heroin abuse vulnerability in transgenic rats. <i>Neuropsychopharmacology</i> , 2018, 43, 2615-2626.	5.4	18
432	Roux-Y gastric bypass surgery normalizes dopamine D1, D2, and DAT levels. <i>Synapse</i> , 2018, 72, e22058.	1.2	21

#	ARTICLE	IF	CITATIONS
433	Role of Frontostriatal Connectivity in Adolescents With Excessive Smartphone Use. <i>Frontiers in Psychiatry</i> , 2018, 9, 437.	2.6	38
434	The neural mechanisms and circuitry of the pair bond. <i>Nature Reviews Neuroscience</i> , 2018, 19, 643-654.	10.2	243
435	Structural and Functional Brain Connectivity Changes Between People With Abdominal and Non-abdominal Obesity and Their Association With Behaviors of Eating Disorders. <i>Frontiers in Neuroscience</i> , 2018, 12, 741.	2.8	29
436	Drug addiction: a curable mental disorder?. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 1823-1829.	6.1	43
437	Effects of neuromodulation on cognitive performance in individuals exhibiting addictive behaviors: A systematic review. <i>Drug and Alcohol Dependence</i> , 2018, 192, 338-351.	3.2	36
438	Dopamine–endocannabinoid interactions mediate spike-timing-dependent potentiation in the striatum. <i>Nature Communications</i> , 2018, 9, 4118.	12.8	29
439	Substances of Abuse and Hallucinogenic Activity: The Dopaminergic Pathway—Focus on Cocaine and Amphetamine-type Stimulants. , 2018, , 3-16.		0
440	Ventral striatal dysfunction in cocaine dependence – difference mapping for subregional resting state functional connectivity. <i>Translational Psychiatry</i> , 2018, 8, 119.	4.8	27
441	Transcranial magnetic stimulation for the treatment of cocaine addiction: evidence to date. <i>Substance Abuse and Rehabilitation</i> , 2018, Volume 9, 11-21.	4.8	26
442	Reduced Orbitofrontal Gray Matter Concentration as a Marker of Premorbid Childhood Trauma in Cocaine Use Disorder. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 51.	2.0	14
443	The Benefits of High Intensity Exercise on the Brain of a Drug Abuser. <i>Global Journal of Health Science</i> , 2018, 10, 123.	0.2	8
444	Rewards that make you play: The Distinct effect of monetary rewards, virtual points and social rewards on play persistence in substance dependent and non-dependent adolescents. , 2018, , .		3
445	Persistent effects of obesity: a neuroplasticity hypothesis. <i>Annals of the New York Academy of Sciences</i> , 2018, 1428, 221-239.	3.8	49
446	Understanding the implications of the biobehavioral basis of nicotine addiction and its impact on the efficacy of treatment. <i>Expert Review of Respiratory Medicine</i> , 2018, 12, 793-804.	2.5	9
447	Resting State Functional Connectivity of the Lateral and Medial Hypothalamus in Cocaine Dependence: An Exploratory Study. <i>Frontiers in Psychiatry</i> , 2018, 9, 344.	2.6	36
448	Alterations in the Gut Microbiota of Rats Chronically Exposed to Volatilized Cocaine and Its Active Adulterants Caffeine and Phenacetin. <i>Neurotoxicity Research</i> , 2019, 35, 111-121.	2.7	48
449	Modulation of orbitofrontal-striatal reward activity by dopaminergic functional polymorphisms contributes to a predisposition to alcohol misuse in early adolescence. <i>Psychological Medicine</i> , 2019, 49, 801-810.	4.5	17
450	Prediction of future weight change with the dopamine transporter. <i>Brain Imaging and Behavior</i> , 2019, 13, 588-593.	2.1	1

#	ARTICLE	IF	CITATIONS
451	Cardiorespiratory Fitness Predicts Greater Vagal Autonomic Activity in Drug Users Under Stress. Substance Abuse: Research and Treatment, 2019, 13, 117822181986228.	0.9	3
452	The dark side of compulsive eating and food addiction. , 2019, , 115-192.		6
453	Neurobiology of Addiction: A Disorder of Choice. Current Clinical Psychiatry, 2019, , 49-78.	0.2	1
454	Speech Processing Difficulties in Attention Deficit Hyperactivity Disorder. Frontiers in Psychology, 2019, 10, 1536.	2.1	16
455	Latrophilins: A Neuro-Centric View of an Evolutionary Conserved Adhesion G Protein-Coupled Receptor Subfamily. Frontiers in Neuroscience, 2019, 13, 700.	2.8	37
456	&lt;p&gt;Could the link between drug addiction in adulthood and substance use in adolescence result from a blurring of the boundaries between incentive and hedonic processes?&lt;/p&gt;. Substance Abuse and Rehabilitation, 2019, Volume 10, 33-46.	4.8	2
457	Off-label uses of drugs for depression. European Journal of Pharmacology, 2019, 865, 172732.	3.5	35
458	A novel neurobehavioral framework of the effects of positive early postnatal experience on incentive and consummatory reward sensitivity. Neuroscience and Biobehavioral Reviews, 2019, 107, 615-640.	6.1	11
459	Allostatic Changes in the cAMP System Drive Opioid-Induced Adaptation in Striatal Dopamine Signaling. Cell Reports, 2019, 29, 946-960.e2.	6.4	14
460	Moderate-Intensity Aerobic Exercise Restores Appetite and Prefrontal Brain Activity to Images of Food Among Persons Dependent on Methamphetamine: A Functional Near-Infrared Spectroscopy Study. Frontiers in Human Neuroscience, 2019, 13, 400.	2.0	13
461	Identification of functional divergence sites in dopamine receptors of vertebrates. Computational Biology and Chemistry, 2019, 83, 107140.	2.3	15
462	Illegal drug use and prospective memory: A systematic review. Drug and Alcohol Dependence, 2019, 204, 107478.	3.2	1
463	Rewiring the Addicted Brain Through a Psychobiological Model of Physical Exercise. Frontiers in Psychiatry, 2019, 10, 600.	2.6	21
464	Human Abuse Potential of Oral NKTR-181 in Recreational Opioid Users: A Randomized, Double-Blind, Crossover Study. Pain Medicine, 2020, 21, e114-e126.	1.9	7
465	The role of stress in drug addiction. An integrative review. Physiology and Behavior, 2019, 202, 62-68.	2.1	69
466	Disentangling the diverse roles of dopamine D2 receptors in striatal function and behavior. Neurochemistry International, 2019, 125, 35-46.	3.8	15
467	&lt;p&gt;Do health warnings on cigarette sticks dissuade smokers and non-smokers? A focus group and interview study of Australian university students&lt;/p&gt;. Psychology Research and Behavior Management, 2019, Volume 12, 361-373.	2.8	12
468	Brain default-mode network dysfunction in addiction. Neurolmage, 2019, 200, 313-331.	4.2	208

#	ARTICLE	IF	CITATIONS
469	Extinction training following cocaine or MDMA self-administration produces discrete changes in D2-like and mGlu5 receptor density in the rat brain. <i>Pharmacological Reports</i> , 2019, 71, 870-878.	3.3	9
470	Drug-Induced Craving for Methamphetamine Is Associated With Neural Methamphetamine Cue Reactivity. <i>Journal of Studies on Alcohol and Drugs</i> , 2019, 80, 245-251.	1.0	21
471	Impact of Substance Use Disorder Pharmacotherapy on Executive Function: A Narrative Review. <i>Frontiers in Psychiatry</i> , 2019, 10, 98.	2.6	20
472	Neuronal scaffolding protein spinophilin is integral for cocaine-induced behavioral sensitization and ERK1/2 activation. <i>Molecular Brain</i> , 2019, 12, 15.	2.6	22
473	Tobacco and Positron-Emission Tomography (PET) of the Dopaminergic System: A Review of Human Studies. , 2019, , 107-117.		2
474	Shared Behavioral and Neurocircuitry Disruptions in Drug Addiction, Obesity, and Binge Eating Disorder: Focus on Group I mGluRs in the Mesolimbic Dopamine Pathway. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2125-2143.	3.5	21
475	The Titrated Monetary Incentive Delay Task: Sensitivity, convergent and divergent validity, and neural correlates in an RDoC sample. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2019, 41, 512-529.	1.3	8
476	Behavioral Addictions. , 2019, , 401-412.		3
477	Expectation effects on brain dopamine responses to methylphenidate in cocaine use disorder. <i>Translational Psychiatry</i> , 2019, 9, 93.	4.8	17
478	Characterizing the binding of dopamine D1 and D2 receptors in vitro and in temporal and frontal lobe tissue total protein. <i>FEBS Letters</i> , 2019, 593, 732-742.	2.8	1
479	Structural and Functional Alterations in Betel-Quid Chewers: A Systematic Review of Neuroimaging Findings. <i>Frontiers in Psychiatry</i> , 2019, 10, 16.	2.6	15
480	Neurobiological theories of addiction. , 2019, , 125-262.		3
481	La plasticidad sináptica mediada por endocannabinoides y trastornos por consumo de drogas. <i>Neurología</i> , 2019, , .	0.7	2
482	Sucrose intake lowers $\mu$ -opioid and dopamine D2/3 receptor availability in porcine brain. <i>Scientific Reports</i> , 2019, 9, 16918.	3.3	27
483	Mild Effect of Nalmefene on Alcoholic Cue-Induced Response Invigoration in Alcohol Use Disorder Without Accompanying Changes in Electrophysiological Signatures of Early Visual Processing and Executive Control. <i>Frontiers in Pharmacology</i> , 2019, 10, 1087.	3.5	2
484	Innovative Molecular Imaging for Clinical Research, Therapeutic Stratification, and Nosography in Neuroscience. <i>Frontiers in Medicine</i> , 2019, 6, 268.	2.6	11
485	SUMMIT-07: a randomized trial of NKTR-181, a new molecular entity, full mu-opioid receptor agonist for chronic low-back pain. <i>Pain</i> , 2019, 160, 1374-1382.	4.2	18
486	Impact of Internet Addiction on Mental Health: An Integrative Therapy Is Needed. <i>Integrative Medicine International</i> , 2019, 4, 215-222.	0.6	14

#	ARTICLE	IF	CITATIONS
487	Neuroimaging of reward mechanisms in Gambling disorder: an integrative review. <i>Molecular Psychiatry</i> , 2019, 24, 674-693.	7.9	101
488	Maladaptive Memory Mechanisms in Addiction and Relapse. , 2019, , 103-122.		1
489	Circadian Rhythms and Addiction. , 2019, , 189-212.		2
490	The Role of Norepinephrine in Drug Addiction: Past, Present, and Future. , 2019, , 221-236.		1
491	Dopamine and addiction: what have we learned from 40 years of research. <i>Journal of Neural Transmission</i> , 2019, 126, 481-516.	2.8	90
492	Exploring the potential role of mesocorticolimbic circuitry in motivation for and adherence to chronic pain self-management interventions. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 98, 10-17.	6.1	11
493	Cognitive impairment in substance use disorders. <i>CNS Spectrums</i> , 2019, 24, 102-113.	1.2	70
494	Dopamine: Functions, Signaling, and Association with Neurological Diseases. <i>Cellular and Molecular Neurobiology</i> , 2019, 39, 31-59.	3.3	537
495	Individual Differences in Dopamine Are Associated with Reward Discounting in Clinical Groups But Not in Healthy Adults. <i>Journal of Neuroscience</i> , 2019, 39, 321-332.	3.6	30
496	Presynaptic regulation of dopamine release: Role of the DAT and VMAT2 transporters. <i>Neurochemistry International</i> , 2019, 122, 94-105.	3.8	40
497	Neurocognitive Basis of Compulsivity. , 2019, , 61-73.		2
498	Gambling Disorder. , 2019, , .		10
499	Animal Models of Gambling-Related Behaviour. , 2019, , 101-125.		3
500	Prior Exposure to Salient Win-Paired Cues in a Rat Gambling Task Increases Sensitivity to Cocaine Self-Administration and Suppresses Dopamine Efflux in Nucleus Accumbens: Support for the Reward Deficiency Hypothesis of Addiction. <i>Journal of Neuroscience</i> , 2019, 39, 1842-1854.	3.6	29
501	Genetic Predisposition vs Individual-Specific Processes in the Association Between Psychotic-like Experiences and Cannabis Use. <i>JAMA Psychiatry</i> , 2019, 76, 87.	11.0	40
502	Persistence and Subtype Stability of ADHD Among Substance Use Disorder Treatment Seekers. <i>Journal of Attention Disorders</i> , 2019, 23, 1438-1453.	2.6	34
503	Adolescent impulsivity as a sex-dependent and subtype-dependent predictor of impulsivity, alcohol drinking and dopamine $D_2$ receptor expression in adult rats. <i>Addiction Biology</i> , 2019, 24, 193-205.	2.6	15
504	$DRD2$ promoter methylation and measures of alcohol reward: functional activation of reward circuits and clinical severity. <i>Addiction Biology</i> , 2019, 24, 539-548.	2.6	23

#	ARTICLE	IF	CITATIONS
505	Heroin seeking becomes dependent on dorsal striatal dopaminergic mechanisms and can be decreased by N-acetylcysteine. <i>European Journal of Neuroscience</i> , 2019, 50, 2036-2044.	2.6	57
506	Recent Advances and Challenges of the Drugs Acting on Monoamine Transporters. <i>Current Medicinal Chemistry</i> , 2020, 27, 3830-3876.	2.4	24
507	DRD2 methylation is associated with executive control network connectivity and severity of alcohol problems among a sample of polysubstance users. <i>Addiction Biology</i> , 2020, 25, e12684.	2.6	15
508	Update on the pharmacologic management of narcolepsy: mechanisms of action and clinical implications. <i>Sleep Medicine</i> , 2020, 68, 97-109.	1.6	53
509	Loss of Arcadin in D2 cells alters neuronal excitability in the nucleus accumbens and behavioral responses to psychostimulants and opioids. <i>Addiction Biology</i> , 2020, 25, e12823.	2.6	9
510	Correlates of nonmedical use of prescription opioids among a cohort of adolescents in Ontario, Canada. <i>Journal of Psychiatric Research</i> , 2020, 120, 175-184.	3.1	6
511	Human Brain Imaging Links Dopaminergic Systems to Impulsivity. <i>Current Topics in Behavioral Neurosciences</i> , 2020, 47, 53-71.	1.7	11
512	The potent psychomotor, rewarding and reinforcing properties of 3-fluoromethamphetamine in rodents. <i>Addiction Biology</i> , 2020, 25, e12846.	2.6	7
513	Anticipation of monetary reward in amygdala, insula, caudate are predictors of pleasure sensitivity to d-Amphetamine administration. <i>Drug and Alcohol Dependence</i> , 2020, 206, 107725.	3.2	13
514	Aberrant Cost-Benefit Integration During Effort-Based Decision Making Relates to Severity of Substance Use Disorders. <i>Clinical Psychological Science</i> , 2020, 8, 155-168.	4.0	4
515	Sex and the dopaminergic system: Insights from addiction studies. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2020, 175, 141-165.	1.8	8
516	The Influence of Co-Occurring Substance Use on the Effectiveness of Opiate Treatment Programs According to Intervention Type. <i>Epidemiologic Reviews</i> , 2020, 42, 57-78.	3.5	11
519	Appetitive Needs and Addiction. , 2020, , 3-11.		9
520	Behavioral Economics and Addictive Disorders. , 2020, , 12-22.		43
521	Sensitization of Incentive Salience and the Transition to Addiction. , 2020, , 23-37.		43
522	Philosophical Issues in the Addictions. , 2020, , 38-50.		0
524	Human Neurobiological Approaches to Hedonically Motivated Behaviors. , 2020, , 53-61.		43
525	Human Laboratory Paradigms in Addictions Research. , 2020, , 62-72.		0



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

#	ARTICLE	IF	CITATIONS
547	Novel Psychoactive Substances: A New Challenge for Prevention and Treatment. , 2020, , 307-325.		0
548	Impaired Physicians. , 2020, , 326-332.		0
549	Feedback Models for Gambling Control: The Use and Efficacy of Online Responsible Gambling Tools. , 2020, , 333-339.		43
550	Food versus Eating Addictions. , 2020, , 340-351.		43
551	Measurement, Prevention, and Treatment of Exercise Addiction. , 2020, , 352-361.		0
552	Tanning as an Addiction: The State of the Research and Implications for Intervention. , 2020, , 362-372.		43
553	Considering the Overlap and Nonoverlap of Compulsivity, Impulsivity, and Addiction. , 2020, , 373-385.		44
554	Anhedonia in Addictive Behaviors. , 2020, , 386-408.		0
555	Mindfulness-Based Interventions Applied to Addiction Treatments. , 2020, , 409-417.		43
556	American Legal Issues in Addiction Treatment and Research. , 2020, , 418-425.		0
558	A virtual issue highlighting animal studies of eating disorders as valuable tools for examining neurobiological underpinnings and treatment of eating disorders. International Journal of Eating Disorders, 2020, 53, 1569-1578.	4.0	1
559	Brain-Responsive Neurostimulation for Loss of Control Eating: Early Feasibility Study. Neurosurgery, 2020, 87, 1277-1288.	1.1	16
560	Underlying Susceptibility to Eating Disorders and Drug Abuse: Genetic and Pharmacological Aspects of Dopamine D4 Receptors. Nutrients, 2020, 12, 2288.	4.1	34
561	Addiction science and the perception of freewill. Journal for the Theory of Social Behaviour, 2020, 50, 373-390.	1.2	5
562	Î” 9-Tetrahydrocannabinol Toxicity and Validation of Cannabidiol on Brain Dopamine Levels: An Assessment on Cannabis Duplicity. Natural Products and Bioprospecting, 2020, 10, 285-296.	4.3	4
563	Sleep Deprivation and Neurological Disorders. BioMed Research International, 2020, 2020, 1-19.	1.9	88
564	The Emerging Role of LHB CaMKII in the Comorbidity of Depressive and Alcohol Use Disorders. International Journal of Molecular Sciences, 2020, 21, 8123.	4.1	7
565	A novel machine learning algorithm to predict disease free survival after resection of hepatocellular carcinoma. Annals of Translational Medicine, 2020, 8, 434-434.	1.7	21

#	ARTICLE	IF	CITATIONS
566	Psychostimulants. , 2020, , 1-245.		1
567	The Utility of the CPT in the Diagnosis of ADHD in Individuals with Substance Abuse: A Systematic Review. European Addiction Research, 2020, 26, 283-294.	2.4	10
568	Childhood Trauma, Personality, and Substance Use Disorder: The Development of a Neuropsychanalytic Addiction Model. Frontiers in Psychiatry, 2020, 11, 531.	2.6	7
569	Deconstructing the neurobiology of cannabis use disorder. Nature Neuroscience, 2020, 23, 600-610.	14.8	45
570	Transcranial direct current stimulation (tDCS) as an intervention to improve empathic abilities and reduce violent behavior in forensic offenders: study protocol for a randomized controlled trial. Trials, 2020, 21, 263.	1.6	6
571	Blockade of D3 receptor prevents changes in DAT and D3R expression in the mesolimbic dopaminergic circuit produced by social stress- and cocaine prime-induced reinstatement of cocaine-CPP. Journal of Psychopharmacology, 2020, 34, 1300-1315.	4.0	5
572	Molecular changes in the nucleus accumbens and prefrontal cortex associated with the locomotor sensitization induced by coca paste seized samples. Psychopharmacology, 2020, 237, 1481-1491.	3.1	7
573	Dynorphin and its role in alcohol use disorder. Brain Research, 2020, 1735, 146742.	2.2	27
574	Social Incentives Anticipation and Consummation: Investigating Neural Activity in Women Using Methamphetamine. Frontiers in Psychology, 2020, 11, 88.	2.1	6
576	Dorsal and ventral striatal dopamine D1 and D2 receptors differentially modulate distinct phases of serial visual reversal learning. Neuropsychopharmacology, 2020, 45, 736-744.	5.4	33
577	Brain Structural and Functional Imaging Findings in Medication-Overuse Headache. Frontiers in Neurology, 2019, 10, 1336.	2.4	5
578	Common and distinct brain activity associated with risky and ambiguous decision-making. Drug and Alcohol Dependence, 2020, 209, 107884.	3.2	31
579	Functional and molecular heterogeneity of D2R neurons along dorsal ventral axis in the striatum. Nature Communications, 2020, 11, 1957.	12.8	41
580	Early postnatal allopregnanolone levels alteration and adult behavioral disruption in rats: Implication for drug abuse. Neurobiology of Stress, 2020, 12, 100208.	4.0	3
581	Ankyrin Repeat and Kinase Domain Containing 1 Gene, and Addiction Vulnerability. International Journal of Molecular Sciences, 2020, 21, 2516.	4.1	14
582	Transition metal oxide based non-enzymatic electrochemical sensors: An arising approach for the meticulous detection of neurotransmitter biomarkers. Electrochemical Science Advances, 2021, 1, e2000024.	2.8	12
583	Alcohol Binge Drinking: Negative and Positive Valence System Abnormalities. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2021, 6, 126-134.	1.5	9
584	Multimodal investigation of dopamine D2/D3 receptors, default mode network suppression, and cognitive control in cocaine-use disorder. Neuropsychopharmacology, 2021, 46, 316-324.	5.4	14

#	ARTICLE	IF	CITATIONS
585	Catechol-O-methyltransferase (COMT) Val158Met Polymorphism and Susceptibility to Alcohol Dependence. Indian Journal of Clinical Biochemistry, 2021, 36, 257-265.	1.9	3
586	Das Gehirn ist das Epizentrum aller Drogen. , 2021, , 105-115.		0
587	11C- and 18F-Radiotracers for In Vivo Imaging of the Dopamine System: Past, Present and Future. Biomedicines, 2021, 9, 108.	3.2	11
588	Optical Coherence Tomography findings in patients with Multiple Substance Use Disorder. Cutaneous and Ocular Toxicology, 2021, 40, 37-44.	1.3	1
589	Add-on repetitive transcranial magnetic stimulation in patients with opioid use disorder undergoing methadone maintenance therapy. American Journal of Drug and Alcohol Abuse, 2021, 47, 330-343.	2.1	10
591	Methylenetetrahydrofolate reductase (&lt;i>MTHFR&lt;/i>) gene C677T (rs1801133) polymorphism and risk of alcohol dependence: a meta-analysis. AIMS Neuroscience, 2021, 8, 212-225.	2.3	3
592	Bulleyaconitine A Inhibits Morphine-Induced Withdrawal Symptoms, Conditioned Place Preference, and Locomotor Sensitization Via Microglial Dynorphin A Expression. Frontiers in Pharmacology, 2021, 12, 620926.	3.5	2
593	An autophagy-related protein Becn2 regulates cocaine reward behaviors in the dopaminergic system. Science Advances, 2021, 7, .	10.3	9
594	Cardiorespiratory Fitness Predicts Higher Inhibitory Control in Patients With Substance Use Disorder. Journal of Clinical Sport Psychology, 2021, 15, 4-19.	1.0	5
596	Interaction of Ligands for PET with the Dopamine D3 Receptor: In Silico and In Vitro Methods. Biomolecules, 2021, 11, 529.	4.0	6
597	Advances in understanding mesoâ€œcorticoâ€œlimbicâ€œstriatal systems mediating risky reward seeking. Journal of Neurochemistry, 2021, 157, 1547-1571.	3.9	22
598	The Role of Glia in Addiction: Dopamine as a Modulator of Glial Responses in Addiction. Cellular and Molecular Neurobiology, 2022, 42, 2109-2120.	3.3	4
599	Transcranial Direct Current Stimulation Targeting the Ventromedial Prefrontal Cortex Reduces Reactive Aggression and Modulates Electrophysiological Responses in a Forensic Population. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2022, 7, 95-107.	1.5	11
600	Effects of Acute Dance and Aerobic Exercise on Drug Craving and Food Reward in Women with Methamphetamine Dependence. Medicine and Science in Sports and Exercise, 2021, 53, 2245-2253.	0.4	10
601	Biochemical Correlates of Video Game Use: From Physiology to Pathology. A Narrative Review. Life, 2021, 11, 775.	2.4	5
602	Cerebral grey matter density is associated with neuroreceptor and neurotransmitter availability: A combined PET and MRI study. NeuroImage, 2021, 235, 117968.	4.2	9
604	In vivo and in vitro Characterization of a Partial Mu Opioid Receptor Agonist, NKTR-181, Supports Future Therapeutic Development. Frontiers in Pain Research, 2021, 2, 695962.	2.0	2
605	Dopamine, vocalization, and astrocytes. Brain and Language, 2021, 219, 104970.	1.6	15

#	ARTICLE	IF	CITATIONS
606	How changes in dopamine D2 receptor levels alter striatal circuit function and motivation. <i>Molecular Psychiatry</i> , 2022, 27, 436-444.	7.9	21
607	Distinct patterns of prefrontal cortical disengagement during inhibitory control in addiction: A meta-analysis based on population characteristics. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 127, 255-269.	6.1	20
608	Methamphetamine-Triggered Neurotoxicity in Human Dorsolateral Prefrontal Cortex. <i>Galen</i> , 2021, 10, e2016.	0.6	4
609	Converging vulnerability factors for compulsive food and drug use. <i>Neuropharmacology</i> , 2021, 196, 108556.	4.1	11
610	Effects of addiction science on conceived freewill and responsibility. <i>Addictive Behaviors</i> , 2021, 120, 106955.	3.0	1
611	Cocaine shifts dopamine D2 receptor sensitivity to gate conditioned behaviors. <i>Neuron</i> , 2021, 109, 3421-3435.e5.	8.1	18
613	Effects of an Adenosine A2A Receptor Antagonist on Striatal Dopamine D2-Type Receptor Availability: A Randomized Control Study Using Positron Emission Tomography. <i>Frontiers in Neuroscience</i> , 2021, 15, 729153.	2.8	3
614	The rewarding effects of alcohol after bariatric surgery: do they change and are they associated with pharmacokinetic changes?. <i>Surgery for Obesity and Related Diseases</i> , 2022, 18, 190-195.	1.2	5
615	Endocannabinoid-mediated synaptic plasticity and substance use disorders. <i>Neurología (English)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 0.4	0.4	0
616	Naloxone precipitated withdrawal increases dopamine release in the dorsal striatum of opioid dependent men. <i>Translational Psychiatry</i> , 2021, 11, 445.	4.8	15
617	The Non-Anhydrous, Minimally Basic Synthesis of the Dopamine D2 Agonist [18F]MCL-524. <i>Chemistry</i> , 2021, 3, 1047-1056.	2.2	2
618	Temporal discounting as a candidate behavioral marker of obesity. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 129, 307-329.	6.1	25
619	A systems omics-based approach to decode substance use disorders and neuroadaptations. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 130, 61-80.	6.1	2
620	Topiramate-chitosan nanoparticles prevent morphine reinstatement with no memory impairment: Dopaminergic and glutamatergic molecular aspects in rats. <i>Neurochemistry International</i> , 2021, 150, 105157.	3.8	3
621	Value-based cognition and drug dependency. <i>Addictive Behaviors</i> , 2021, 123, 107070.	3.0	0
622	Main Drugs of Abuse. , 2022, , 644-651.		0
623	Cellular Plasticity in Cocaine Addiction. , 2022, , 682-687.		0
624	Classic and Modern Approaches to Investigating Interactions Between Dopamine Systems and Metabotropic Glutamate Receptors. <i>Neuromethods</i> , 2021, , 135-171.	0.3	1

#	ARTICLE	IF	CITATIONS
625	Gray and white matter morphology in substance use disorders: a neuroimaging systematic review and meta-analysis. <i>Translational Psychiatry</i> , 2021, 11, 29.	4.8	51
626	On the Role of Central Type-1 Cannabinoid Receptor Gene Regulation in Food Intake and Eating Behaviors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 398.	4.1	16
628	The Binge Eating-Prone/Binge Eating-Resistant Animal Model: A Valuable Tool for Examining Neurobiological Underpinnings of Binge Eating. <i>Neuromethods</i> , 2021, , 7-24.	0.3	2
629	Imaging Substance Use and Misuse: Psychostimulants. , 2011, , 163-177.		3
630	Computational Psychiatry. , 2013, , 1-10.		2
631	Computational Psychiatry. , 2014, , 1-10.		1
632	Intoxication: Street Drugs. , 2019, , 1243-1260.		1
633	Kokain. , 2019, , 121-142.		1
638	Dopamine Agonists Diminish Value Sensitivity of the Orbitofrontal Cortex: A Trigger for Pathological Gambling in Parkinson's Disease?. <i>Neuropsychopharmacology</i> , 2009, 34, 2758-66.	5.4	83
639	Starting the Conversation. , 2013, , 1-30.		1
640	Cannabis Use and Memory Brain Function in Adolescent Boys. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 561-572e3.	0.5	80
644	Dopamine release, diffusion and uptake: A computational model for synaptic and volume transmission. <i>PLoS Computational Biology</i> , 2020, 16, e1008410.	3.2	17
645	Initial D2 Dopamine Receptor Sensitivity Predicts Cocaine Sensitivity and Reward in Rats. <i>PLoS ONE</i> , 2013, 8, e78258.	2.5	23
646	Prefrontal Response and Frontostriatal Functional Connectivity to Monetary Reward in Abstinent Alcohol-Dependent Young Adults. <i>PLoS ONE</i> , 2014, 9, e94640.	2.5	69
647	When Chocolate Seeking Becomes Compulsion: Gene-Environment Interplay. <i>PLoS ONE</i> , 2015, 10, e0120191.	2.5	19
648	Systemic PD149163, a neurotensin receptor 1 agonist, decreases methamphetamine self-administration in DBA/2J mice without causing excessive sedation. <i>PLoS ONE</i> , 2017, 12, e0180710.	2.5	12
649	Type 2 diabetes mellitus, drug addiction, bipolar disorder and epilepsy display overlapping aetiopathogenic mechanisms: Implication for prevention and pharmacotherapy. <i>International Research Journal of Medicine and Medical Sciences</i> , 2015, 06, .	0.0	1
650	Cocaine cue-induced dopamine release in the human prefrontal cortex. <i>Journal of Psychiatry and Neuroscience</i> , 2016, 41, 322-330.	2.4	47

#	ARTICLE	IF	CITATIONS
651	Functional Connectivity of Chronic Cocaine Use Reveals Progressive Neuroadaptations in Neocortical, Striatal, and Limbic Networks. <i>ENeuro</i> , 2018, 5, ENEURO.0081-18.2018.	1.9	36
652	Reduced <i>Vglut2/Slc17a6</i> Gene Expression Levels throughout the Mouse Subthalamic Nucleus Cause Cell Loss and Structural Disorganization Followed by Increased Motor Activity and Decreased Sugar Consumption. <i>ENeuro</i> , 2016, 3, ENEURO.0264-16.2016.	1.9	23
653	Would induction of dopamine homeostasis via coupling genetic addiction risk score (GARSÂ®) and pro-dopamine regulation benefit benzodiazepine use disorder (BUD). <i>Journal of Systems and Integrative Neuroscience</i> , 2018, 4, .	0.6	12
654	Individual differences in the neuropsychopathology of addiction. <i>Dialogues in Clinical Neuroscience</i> , 2017, 19, 217-229.	3.7	81
655	Impulse control disorders in Parkinson's disease: crossroads between neurology, psychiatry and neuroscience. <i>Behavioural Neurology</i> , 2013, 27, 547-57.	2.1	8
656	Dopamine and glucose, obesity, and reward deficiency syndrome. <i>Frontiers in Psychology</i> , 2014, 5, 919.	2.1	155
657	Dopamine D1 and D3 Receptors Are Differentially Involved in Cocaine-Induced Reward Learning and Cell Signaling. <i>Journal of Drug and Alcohol Research</i> , 2012, 1, 1-6.	0.9	1
658	Neuropsychanalytic notes on addiction. , 2018, , 109-119.		3
659	Theater-Based Community Engagement Project for Veterans Recovering From Substance Use Disorders. <i>American Journal of Occupational Therapy</i> , 2016, 70, 7004250020p1-7004250020p11.	0.3	12
660	Antipsychotic Treatment of Adolescent Dual Diagnosis Patients. <i>Journal of Pediatric Pharmacology and Therapeutics</i> , 2011, 16, 226-236.	0.5	5
661	eIF2 <sup>±</sup> -mediated translational control regulates the persistence of cocaine-induced LTP in midbrain dopamine neurons. <i>ELife</i> , 2016, 5, .	6.0	26
662	Remarks to the Comments on Paper “The Development of Pathological Dependence after Intermittent Use of Sodium Glutamate, but Not Sucrose or Sodium Chloride Solutions” by S. Yoshida and M. Komura. <i>Bulletin of Experimental Biology and Medicine</i> , 2021, 171, 683-684.	0.8	0
663	Optical neuroimaging of executive function impairments in food addiction. <i>Journal of Innovative Optical Health Sciences</i> , 2022, 15, .	1.0	2
664	Neurobiologie et addictions. , 2009, , 27-33.		0
665	Neuroimaging Human Drug Addiction. , 2010, , 263-289.		0
666	Brain Imaging and Addiction. , 2010, , 194-202.		0
667	The Linares Addictive Potential Model. <i>Journal of Pharmacy and Nutrition Sciences (discontinued)</i> , 0, , .	0.4	3
668	Psychiatry “Relevance with Respect to Drug Development, Examples. , 2012, , 535-557.		0



#	ARTICLE	IF	CITATIONS
670	The Potential for Abuse: Addiction. California Agriculture, 2013, 18, .	0.1	1
671	Il concetto di dipendenza patologica. , 2013, , 7-18.		0
672	Reflections on Beckett's <i>Murphy</i> â€“ psychiatry in literature. British Journal of Psychiatry, 2013, 203, 34-34.	2.8	0
673	The Impact of Genetic Polymorphisms on Neuroreceptor Imaging. , 2014, , 149-178.		0
674	Bestaat online-gameverslaving?. , 2014, , 1-10.		0
675	Chapitre 4. Neuro-imagerie. , 2014, , 55-65.		0
676	Toward Understanding the Biology of Crime in Trinidad and Tobago. West Indian Medical Journal, 2014, 63, 655-7.	0.4	1
677	Optical Neuroimaging: Studies of the Neuronal and Vascular Effects of Cocaine. , 2015, , 1-27.		0
678	Gehlenâ€™s Philosophical Anthropology: Contemporary Applications in Addiction Research. , 2015, , 147-170.		0
679	Internet Addiction and PET. Studies in Neuroscience, Psychology and Behavioral Economics, 2015, , 65-76.	0.3	0
681	A Brief Review of Dopaminergic Mechanisms of Reconsolidation of Cocaine-Seeking Behaviors. Journal of Drug and Alcohol Research, 2016, 5, 1-7.	0.9	0
682	Optical Neuroimaging: Studies of the Neuronal and Vascular Effects of Cocaine. , 2016, , 2901-2927.		0
683	Inhibition of Aldehyde Dehydrogenase-2 (ALDH-2) Suppresses Nicotine Self-Administration in Rats. Journal of Drug and Alcohol Research, 2016, 4, 1-6.	0.9	1
685	Internet Addiction and PET. Studies in Neuroscience, Psychology and Behavioral Economics, 2017, , 81-92.	0.3	2
686	The Relationship Between Drugs of Abuse and Palatable Foods: Pre-clinical Evidence Towards a Better Understanding of Addiction-Like Behaviors. , 2017, , 239-250.		0
690	Increased striatal functional connectivity is associated with improved smoking cessation outcomes: A preliminary study. Addiction Biology, 2021, 26, e12919.	2.6	7
700	Motivation and motivational aspects of Parkinson's disease. , 2020, , 497-509.		0
715	Impact of a History of Caloric Restriction and a Frustration Stress Manipulation on Binge-Like Eating Behavior in Female Rats: Preclinical Results. Neuromethods, 2021, , 239-260.	0.3	3

#	ARTICLE	IF	CITATIONS
716	Intermittent Extended Access Rodent Models of Compulsive Eating. <i>Neuromethods</i> , 2021, , 133-162.	0.3	1
717	Using NMR approaches to drive the search for new CNS therapeutics. <i>Current Opinion in Investigational Drugs</i> , 2010, 11, 771-8.	2.3	5
718	Dopamine Circuit Mechanisms of Addiction-Like Behaviors. <i>Frontiers in Neural Circuits</i> , 2021, 15, 752420.	2.8	31
719	Changes in temporal discounting, hedonic hunger, and food addiction during recovery from substance misuse. <i>Appetite</i> , 2022, 169, 105834.	3.7	3
720	Inflammation levels in patients with alcohol and substance use disorders. <i>Cukurova Medical Journal</i> , 2021, 46, 1558-1565.	0.2	3
721	The Use of <i>Drosophila</i> to Understand Psychostimulant Responses. <i>Biomedicines</i> , 2022, 10, 119.	3.2	8
722	Tracking Study on the Relapse and Aftercare Effect of Drug Patients Released From a Compulsory Isolated Detoxification Center. <i>Frontiers in Psychiatry</i> , 2021, 12, 699074.	2.6	5
723	Brain network dysfunctions in addiction: a meta-analysis of resting-state functional connectivity. <i>Translational Psychiatry</i> , 2022, 12, 41.	4.8	30
724	Repetitive Transcranial Magnetic Stimulation (rTMS) as a Promising Treatment for Craving in Stimulant Drugs and Behavioral Addiction: A Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2022, 11, 624.	2.4	14
725	Nickel cobaltite/multi-walled carbon nanotube flexible sensor for the electrochemical detection of dopamine released by human neural cells. <i>Journal of Materials Chemistry C</i> , 2022, 10, 3048-3060.	5.5	25
726	Association between platelet MAO activity and lifetime drug use in a longitudinal birth cohort study. <i>Psychopharmacology</i> , 2022, 239, 327-337.	3.1	4
727	Alcohol as Prodrug of Salsolinol. , 2022, , 1-24.		0
728	Cognitive“affective factors underlying disinhibitory disorders and legal implications. , 2022, 1, 145-160.		5
729	Recreational drug use and prospective memory. <i>Psychopharmacology</i> , 2022, 239, 909.	3.1	0
730	A mathematical model of reward-mediated learning in drug addiction. <i>Chaos</i> , 2022, 32, 021102.	2.5	8
732	Linking the Features of Food Addiction and Drug Addiction. , 2022, , 1-13.		0
734	Sexual Differences in Internet Gaming Disorder (IGD): From Psychological Features to Neuroanatomical Networks. <i>Journal of Clinical Medicine</i> , 2022, 11, 1018.	2.4	7
735	Protracted abstinence in males with an opioid use disorder: partial recovery of nucleus accumbens function. <i>Translational Psychiatry</i> , 2022, 12, 81.	4.8	6

#	ARTICLE	IF	CITATIONS
736	Dopaminergic and glutamatergic biomarkers disruption in addiction and regulation by exercise: a mini review. Biomarkers, 2022, 27, 306-318.	1.9	3
737	Atlas of type 2 dopamine receptors in the human brain: Age and sex dependent variability in a large PET cohort. NeuroImage, 2022, 255, 119149.	4.2	8
738	Neuroimaging reveals distinct brain glucose metabolism patterns associated with morphine consumption in Lewis and Fischer 344 rat strains. Scientific Reports, 2022, 12, 4643.	3.3	4
739	A Review of DNA Risk Alleles to Determine Epigenetic Repair of mRNA Expression to Prove Therapeutic Effectiveness in Reward Deficiency Syndrome (RDS): Embracing "Precision Behavioral Management". Psychology Research and Behavior Management, 2021, Volume 14, 2115-2134.	2.8	7
740	Association between cigarette smoking and Parkinson's disease: a neuroimaging study. Therapeutic Advances in Neurological Disorders, 2022, 15, 175628642210925.	3.5	15
748	The Ventral Tegmental Area and Nucleus Accumbens as Circadian Oscillators: Implications for Drug Abuse and Substance Use Disorders. Frontiers in Physiology, 2022, 13, 886704.	2.8	17
749	Potential Treat-to-Target Approach for Methamphetamine Use Disorder: A Pilot Study of Adenosine 2A Receptor Antagonist With Positron Emission Tomography. Frontiers in Pharmacology, 2022, 13, .	3.5	0
750	Differentiating Individuals with and without Alcohol Use Disorder Using Resting-State fMRI Functional Connectivity of Reward Network, Neuropsychological Performance, and Impulsivity Measures. Behavioral Sciences (Basel, Switzerland), 2022, 12, 128.	2.1	7
751	Does the smell of alcohol make it harder to resist? The impact of olfactory cues on inhibitory control and attentional bias. Psychopharmacology, 0, , .	3.1	0
752	Effect of DL-Methylephedrine on Dopamine Transporter Using Positron Emission Tomography With [18F]FE-PE2I. Frontiers in Psychiatry, 2022, 13, .	2.6	1
753	Weight Status Modulated Brain Regional Homogeneity in Long-Term Male Smokers. Frontiers in Psychiatry, 2022, 13, .	2.6	1
754	D3 Receptors and PET Imaging. Current Topics in Behavioral Neurosciences, 2022, , .	1.7	0
756	Is Illicit Substance Use Gender-Specific? The Basic Points of Mental and Health Disorders. Toxics, 2022, 10, 344.	3.7	3
757	Computational Psychiatry. , 2022, , 944-952.		0
759	Cross talk mechanism of disturbed sleep patterns in neurological and psychological disorders. Neuroscience and Biobehavioral Reviews, 2022, 140, 104767.	6.1	7
761	Regulation of cocaine seeking behavior by locus coeruleus noradrenergic activity in the ventral tegmental area is time- and contingency-dependent. Frontiers in Neuroscience, 0, 16, .	2.8	2
763	Late positive potential as a candidate biomarker of motivational relevance in substance use: Evidence from a meta-analysis. Neuroscience and Biobehavioral Reviews, 2022, 141, 104835.	6.1	8
764	Nutrition and Substance-Use Disorder. , 2022, , 289-312.		0

#	ARTICLE	IF	CITATIONS
765	The Role of Dopamine D3 Receptors in Tobacco Use Disorder: A Synthesis of the Preclinical and Clinical Literature. <i>Current Topics in Behavioral Neurosciences</i> , 2022, , 203-228.	1.7	1
767	Low Dopamine D2 Receptor Expression Drives Gene Networks Related to GABA, cAMP, Growth and Neuroinflammation in Striatal Indirect Pathway Neurons. <i>Biological Psychiatry Global Open Science</i> , 2023, 3, 1104-1115.	2.2	0
768	Optical Neuroimaging: Studies of the Neuronal and Vascular Effects of Cocaine. , 2022, , 3265-3295.		0
769	Chronic Methamphetamine and Psychosis Pathways. , 2022, , 2121-2146.		0
770	Alcohol as Prodrug of Salsolinol. , 2022, , 983-1005.		0
771	Linking the Features of Food Addiction and Drug Addiction. , 2022, , 475-487.		0
772	Rewarding and Reinforcing Effects of 25H-NBOMe in Rodents. <i>Brain Sciences</i> , 2022, 12, 1490.	2.3	2
773	Pharmacotherapy for Cocaine Use Disorders. , 2022, , 4509-4523.		0
774	Effect of Past Pharmacotherapy for Attention-Deficit/Hyperactivity Disorder on Substance Use Disorder. <i>European Addiction Research</i> , 2023, 29, 9-18.	2.4	1
775	Pharmacotherapy for Cocaine Use Disorders. , 2021, , 1-15.		0
776	The relationship between sleep and appetitive conditioning: A systematic review and meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2023, 144, 105001.	6.1	0
777	Molecular Imaging of the Human Emotion Circuit. , 2023, , 3-21.		0
778	The Genetically Informed Neurobiology of Addiction (GINA) model. <i>Nature Reviews Neuroscience</i> , 2023, 24, 40-57.	10.2	13
779	Stochastic modelling of marijuana use in Washington: pre- and post-Initiative-502 (I-502). <i>IMA Journal of Applied Mathematics</i> , 2022, 87, 1121-1150.	1.6	3
780	Future Newborns with Opioid-Induced Neonatal Abstinence Syndrome (NAS) Could Be Assessed with the Genetic Addiction Risk Severity (GARS) Test and Potentially Treated Using Precision Amino-Acid Enkephalinase Inhibition Therapy (KB220) as a Frontline Modality Instead of Potent Opioids. <i>Journal of Personalized Medicine</i> , 2022, 12, 2015.	2.5	1
781	Neurochemical Correlates of Cue Reactivity in Individuals with Excessive Smartphone Use. <i>European Addiction Research</i> , 2023, 29, 71-75.	2.4	0
782	Pulmonary Inhalation to Assess Effects of Coca Paste on Behavior and Dopamine Neurotransmission. <i>Neuromethods</i> , 2023, , 149-162.	0.3	0
783	Dopamine, Immunity, and Disease. <i>Pharmacological Reviews</i> , 2023, 75, 62-158.	16.0	43

#	ARTICLE	IF	CITATIONS
784	Chronic Ethanol Exposure Modulates Periaqueductal Gray to Extended Amygdala Dopamine Circuit. Journal of Neuroscience, 2023, 43, 709-721.	3.6	1
785	The Connection Between Eating Disorders and Substance Use Disorders. , 2022, , 1-25.		0
786	Neurosurgery and Neuroinnovation in the Surgical Suite: The Ethics of Neurostimulation for Severe Obesity. , 2023, , 117-136.		0
787	Multifunctional biodegradable nanoplatform based on oxaliplatin prodrug cross-linked mesoporous polydopamine for enhancing cancer synergetic therapy. Chinese Chemical Letters, 2024, 35, 108346.	9.0	11
788	Association of dopamine D2-like and D3 receptor function with initial sensitivity to cocaine reinforcement in male rhesus monkeys. Brain Research, 2023, 1807, 148323.	2.2	0
789	Pain-related opioidergic and dopaminergic neurotransmission: Dual meta-Analyses of PET radioligand studies. Brain Research, 2023, 1805, 148268.	2.2	0
790	Leveraging circuits to understand addiction. , 2023, , 1-44.		1
791	ADHD symptoms and smoking outcomes in a randomized controlled trial of varenicline for adolescent and young adult tobacco cessation. Drug and Alcohol Dependence, 2023, 244, 109798.	3.2	0
792	Inducible CRISPR Epigenome Systems Mimic Cocaine Induced Bidirectional Regulation of Nab2 and Egr3. Journal of Neuroscience, 2023, 43, 2242-2259.	3.6	2
793	The Role of Physical Exercise in Opioid Substitution Therapy: Mechanisms of Sequential Effects. International Journal of Molecular Sciences, 2023, 24, 4763.	4.1	3
795	The Connection Between Eating Disorders and Substance Use Disorders. , 2023, , 223-247.		0
796	Prescription psychostimulants as a harm reduction and treatment intervention for methamphetamine use disorder and the implications for nursing clinical practice: A scoping review of the literature. International Journal of Mental Health Nursing, 2023, 32, 1225-1242.	3.8	2
797	The traps of adaptation: Addiction as maladaptive referent-dependent evaluation. Cognitive, Affective and Behavioral Neuroscience, 2023, 23, 973-985.	2.0	0
798	CNTN1 in the Nucleus Accumbens is Involved in Methamphetamine-Induced Conditioned Place Preference in Mice. Neurotoxicity Research, 0, , .	2.7	0
799	Pharmacological Interventions for Impulsivity in Addictive Disorders. Current Addiction Reports, 2023, 10, 149-165.	3.4	0
802	Perspective Chapter: The Role of Dopamine Receptors in Neuropsychiatric Diseases. , 0, , .		0
803	The Stage-Based Model of Addictionâ€”Using Drosophila to Investigate Alcohol and Psychostimulant Responses. International Journal of Molecular Sciences, 2023, 24, 10909.	4.1	2
804	The beer component hordenine inhibits alcohol addictionâ€™associated behaviours in mice. Addiction Biology, 2023, 28, .	2.6	0

#	ARTICLE	IF	CITATIONS
805	Perspective Chapter: The Role of Dopamine Receptors in Neuropsychiatric Diseases. , 0, , .		1
806	Working memory performance in disordered gambling and gaming: A systematic review. Comprehensive Psychiatry, 2023, 126, 152408.	3.1	0
807	Repeated Cocaine Intake Differentially Impacts Striatal D2/3 Receptor Availability, Psychostimulant-Induced Dopamine Release, and Trait Behavioral Markers of Drug Abuse. International Journal of Molecular Sciences, 2023, 24, 13238.	4.1	4
808	Neurobiology of Addiction. , 2023, , 1-51.		0
809	Interaction effects between smoking and internet gaming disorder on resting-state functional connectivity of the ventral tegmental area and hippocampus. Frontiers in Neuroscience, 0, 17, .	2.8	0
810	Î <sup>9</sup> -Tetrahydrocannabinol does not upregulate an aversive dopamine receptor mechanism in adolescent brain unlike in adults. Current Research in Neurobiology, 2023, 5, 100107.	2.3	1
811	Neurochemical Effects of Methylphenidate and Modafinil in Ameliorating Stress-Induced Cognitive Deficits. ACS Pharmacology and Translational Science, 2023, 6, 1357-1372.	4.9	0
812	Dopaminergic dysfunction: Role for genetic & epigenetic testing in the new psychiatry. Journal of the Neurological Sciences, 2023, 453, 120809.	0.6	0
813	Sex-Specific and Traumatic Brain Injury Effects on Dopamine Receptor Expression in the Hippocampus. International Journal of Molecular Sciences, 2023, 24, 16084.	4.1	0
814	Neural Mechanisms of Natural Reward and Inhibitory Control Deficits in Online Game Addicts. Advances in Psychology, 2023, 13, 5431-5437.	0.1	0
815	PET Biomarkers in Psychiatry. , 2023, , 81-104.		0
816	A systematic review and meta-analysis of neuromodulation therapies for substance use disorders. Neuropsychopharmacology, 2024, 49, 649-680.	5.4	3
817	Targeting cAMP in D1-MSNs in the nucleus accumbens, a new rapid antidepressant strategy. Acta Pharmaceutica Sinica B, 2024, 14, 667-681.	12.0	0
818	Time perception in stimulant-dependent participants undergoing repetitive transcranial magnetic stimulation. Behavioural Brain Research, 2024, 460, 114816.	2.2	0
819	Neuromelanin-sensitive magnetic resonance imaging in the study of mental disorder: A systematic review. Psychiatry Research - Neuroimaging, 2024, 339, 111785.	1.8	0
820	Sweating for Sobriety: Exploring the Relationship Between Exercise Engagement and Substance Use Disorders. Journal of Psychoactive Drugs, 0, , 1-11.	1.7	0
821	Ganshuang granule plays a pharmacological role in anti-alcoholic and anti-hangover via regulating alcohol metabolism and affecting neurotransmitters. International Journal of Neuroscience, 0, , 1-13.	1.6	0
822	Recreational substance use among international travellers. Journal of Travel Medicine, 0, , .	3.0	0

#	ARTICLE	IF	CITATIONS
823	A meta-analysis of electrophysiological biomarkers of reward and error monitoring in substance misuse. Psychophysiology, 2024, 61, .	2.4	0
824	The effect of substance misuse on HIV persistence in the CNS. , 2024, , 399-437.		0