

Dopamine and Addiction

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Spaceflight and brain plasticity: Spaceflight effects on regional expression of neurotransmitter systems and neurotrophic factors encoding genes. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 119, 396-405.	2.9	16
2	Monoamine and genome-wide DNA methylation investigation in behavioral addiction. <i>Scientific Reports</i> , 2020, 10, 11760.	1.6	7
3	The Emerging Role of Lhb CaMKII in the Comorbidity of Depressive and Alcohol Use Disorders. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8123.	1.8	7
4	Learned avoidance requires VTA KOR-mediated reductions in dopamine. <i>Neuropharmacology</i> , 2020, 167, 107996.	2.0	10
5	Are nickel- and titanium- doped fullerenes suitable adsorbents for dopamine in an aqueous solution? Detailed DFT and AIM studies. <i>Journal of Molecular Liquids</i> , 2021, 322, 114942.	2.3	28
6	Neural activation during anticipation of monetary gain or loss does not associate with positive subjective response to alcohol in binge drinkers. <i>Drug and Alcohol Dependence</i> , 2021, 218, 108432.	1.6	2
7	Influence of a Single Slow-Paced Breathing Session on Cardiac Vagal Activity in Athletes. <i>International Journal of Mental Health and Addiction</i> , 2022, 20, 1632-1644.	4.4	15
8	New Drugs, Old Targets: Tweaking the Dopamine System to Treat Psychostimulant Use Disorders. <i>Annual Review of Pharmacology and Toxicology</i> , 2021, 61, 609-628.	4.2	36
9	The longitudinal relationship between boredom proneness and mobile phone addiction: Evidence from a cross-lagged model. <i>Current Psychology</i> , 0, , 1.	1.7	14
10	Discovery of a macromolecular complex mediating the hunger suppressive actions of cocaine: Structural and functional properties. <i>Addiction Biology</i> , 2021, 26, e13017.	1.4	6
11	Drug abuse and serum nutritional biomarkers: A retrospective cohort study. <i>Revista Espanola De Nutricion Humana Y Dietetica</i> , 2021, 25, 227-236.	0.1	0
12	Influence of Dopamine on Fluorescent Advanced Glycation End Products Formation Using <i>Drosophila melanogaster</i> . <i>Biomolecules</i> , 2021, 11, 453.	1.8	6
13	Increased Functional Coupling between VTA and Hippocampus during Rest in First-Episode Psychosis. <i>ENeuro</i> , 2021, 8, ENEURO.0375-20.2021.	0.9	5
15	The Streetlight Effect: Reappraising the Study of Addiction in Light of the Findings of Genome-wide Association Studies. <i>Brain, Behavior and Evolution</i> , 2020, 95, 230-246.	0.9	4
16	Early Life Stress and Risks for Opioid Misuse: Review of Data Supporting Neurobiological Underpinnings. <i>Journal of Personalized Medicine</i> , 2021, 11, 315.	1.1	9
17	Advances in understanding meso- and limbic striatal systems mediating risky reward seeking. <i>Journal of Neurochemistry</i> , 2021, 157, 1547-1571.	2.1	22
18	Fabrication of bisferrocenyl derivative grafted HTPB with high iron content and its application in dopamine detection. <i>Journal of Organometallic Chemistry</i> , 2021, 940, 121789.	0.8	11
19	Pain and Management of Pain: A Clinical Review for Craniofacial Surgeons. <i>Face</i> , 2021, 2, 131-139.	0.1	2

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20	Psychostimulant Use Disorder, an Unmet Therapeutic Goal: Can Modafinil Narrow the Gap?. <i>Frontiers in Neuroscience</i> , 2021, 15, 656475.	1.4	15
21	Mini review: Promotion of substance abuse in HIV patients: Biological mediation by HIV-1 Tat protein. <i>Neuroscience Letters</i> , 2021, 753, 135877.	1.0	7
22	Ethanol-Dependent Synthesis of Salsolinol in the Posterior Ventral Tegmental Area as Key Mechanism of Ethanol's Action on Mesolimbic Dopamine. <i>Frontiers in Neuroscience</i> , 2021, 15, 675061.	1.4	14
23	Modulating the Neuromodulators: Dopamine, Serotonin, and the Endocannabinoid System. <i>Trends in Neurosciences</i> , 2021, 44, 464-477.	4.2	52
24	Association of NRG3 and ERBB4 gene polymorphism with nicotine dependence in Turkish population. <i>Molecular Biology Reports</i> , 2021, 48, 5319-5326.	1.0	0
25	Development of Enzyme Conductometric Biosensor for Dopamine Determination in Aqueous Samples. <i>Electroanalysis</i> , 2021, 33, 2187-2195.	1.5	8
26	Treatment with dopamine β -hydroxylase (DBH) inhibitors prevents morphine use and relapse-like behavior in rats. <i>Pharmacological Reports</i> , 2021, 73, 1694-1711.	1.5	3
27	Does Traumatic Brain Injury Cause Risky Substance Use or Substance Use Disorder?. <i>Biological Psychiatry</i> , 2022, 91, 421-437.	0.7	18
28	Extrapyramidal Side Effects in a Patient with Alcohol Withdrawal Symptoms: A Reflection of Quality of the Mental Health Care System. <i>Risk Management and Healthcare Policy</i> , 2021, Volume 14, 2789-2795.	1.2	7
29	Consolidating the Circuit Model for Addiction. <i>Annual Review of Neuroscience</i> , 2021, 44, 173-195.	5.0	39
30	Wonder or evil?: Multifaceted health hazards and health benefits of Cannabis sativa and its phytochemicals. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 7290-7313.	1.8	24
31	The Pattern of Structural Relationships of Relapse of Individuals with Substance Use Disorder based on Attentional Bias and Reward Sensitivity with the Mediating Role of Inhibition Control. <i>Research on Addiction</i> , 2021, 15, 117-142.	0.0	0
32	Transcranial direct current stimulation of the prefrontal cortex reduces cigarette craving in not motivated to quit smokers: A randomized, sham-controlled study. <i>Addictive Behaviors</i> , 2021, 120, 106956.	1.7	8
33	Diazepam attenuates the effects of cocaine on locomotion, 50 kHz ultrasonic vocalizations and phasic dopamine in the nucleus accumbens of rats. <i>British Journal of Pharmacology</i> , 2022, 179, 1565-1577.	2.7	9
34	The rostromedial tegmental (RMTg) α -adrenergic modulation on dopamine and behavior: A decade of progress but also much unfinished work. <i>Neuropharmacology</i> , 2021, 198, 108763.	2.0	20
35	Dopamine D1 receptor signalling in the lateral shell of the nucleus accumbens controls dietary fat intake in male rats. <i>Appetite</i> , 2021, 167, 105597.	1.8	6
37	Cannabinoids and the endocannabinoid system in reward processing and addiction: from mechanisms to interventions. <i>Dialogues in Clinical Neuroscience</i> , 2020, 22, 241-250.	1.8	59
38	L-Type Calcium Channel Blockers: A Potential Novel Therapeutic Approach to Drug Dependence. <i>Pharmacological Reviews</i> , 2021, 73, 1298-1325.	7.1	10

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39	Bidirectional control of infant rat social behavior via dopaminergic innervation of the basolateral amygdala. <i>Neuron</i> , 2021, 109, 4018-4035.e7.	3.8	26
40	Reduced cue-induced reinstatement of cocaine-seeking behavior in <i>Plcb1</i> ^{+/+} mice. <i>Translational Psychiatry</i> , 2021, 11, 521.	2.4	4
41	Intermittent dietary supplementation with fish oil prevents high fat diet-induced enhanced sensitivity to dopaminergic drugs. <i>Behavioural Pharmacology</i> , 2021, 32, 9-20.	0.8	0
42	Endocannabinoid-Like Lipid Neuromodulators in the Regulation of Dopamine Signaling: Relevance for Drug Addiction. <i>Frontiers in Synaptic Neuroscience</i> , 2020, 12, 588660.	1.3	10
43	Cannabis exposure during adolescence: A uniquely sensitive period for neurobiological effects. <i>International Review of Neurobiology</i> , 2021, 161, 95-120.	0.9	11
44	Moderate ethanol drinking is sufficient to alter Ventral Tegmental Area dopamine neurons activity via functional and structural remodeling of GABAergic transmission. <i>Neuropharmacology</i> , 2022, 203, 108883.	2.0	2
45	DOPA Homeostasis by Dopamine: A Control-Theoretic View. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12862.	1.8	10
46	Dopamine Circuit Mechanisms of Addiction-Like Behaviors. <i>Frontiers in Neural Circuits</i> , 2021, 15, 752420.	1.4	31
47	Long-Term Depression of Striatal DA Release Induced by mGluRs via Sustained Hyperactivity of Local Cholinergic Interneurons. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 798464.	1.8	1
48	Is Adolescence a Sensitive Period for the Development of Incentive-Reward Motivation?. <i>Current Topics in Behavioral Neurosciences</i> , 2021, , .	0.8	1
49	Cannabidiol inhibits methamphetamine-induced dopamine release via modulation of the DRD1-MeCP2-BDNF-TrkB signaling pathway. <i>Psychopharmacology</i> , 2022, , 1.	1.5	3
51	The future of neuroimaging and gut-brain axis research for substance use disorders. <i>Brain Research</i> , 2022, 1781, 147835.	1.1	3
52	Cell-Type Specific Deletion of CB2 Cannabinoid Receptors in Dopamine Neurons Induced Hyperactivity Phenotype: Possible Relevance to Attention-Deficit Hyperactivity Disorder. <i>Frontiers in Psychiatry</i> , 2021, 12, 803394.	1.3	6
53	Involvement of the ghrelin system in the maintenance and reinstatement of cocaine-motivated behaviors: a role of adrenergic action at peripheral β_1 receptors. <i>Neuropsychopharmacology</i> , 2022, 47, 1449-1460.	2.8	13
54	Photoelectrochemical Sensor Based on Carboxylated Graphdiyne Co-Sensitized TiO ₂ for Sensitive Detection of Dopamine. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
56	Mesoaccumbal Dopamine Heterogeneity: What Do Dopamine Firing and Release Have to Do with It?. <i>Annual Review of Neuroscience</i> , 2022, 45, 109-129.	5.0	32
57	Cholinergic and dopaminergic-mediated motivated behavior in healthy states and in substance use and mood disorders. <i>Journal of the Experimental Analysis of Behavior</i> , 2022, 117, 404-419.	0.8	10
58	Extreme phenotypic diversity in operant response to intravenous cocaine or saline infusion in the hybrid mouse diversity panel. <i>Addiction Biology</i> , 2022, 27, e13162.	1.4	16

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59	Several nAChRs gene variants are associated with phenotypes of heroin addiction in Chinese Han population. <i>Neuroscience Letters</i> , 2022, 774, 136532.	1.0	0
60	Maladaptive or misunderstood? Dopamine fasting as a potential intervention for behavioral addiction. <i>Lifestyle Medicine</i> , 2022, 3, .	0.3	2
61	Self-Administration of Right Vagus Nerve Stimulation Activates Midbrain Dopaminergic Nuclei. <i>Frontiers in Neuroscience</i> , 2021, 15, 782786.	1.4	10
63	Dopamine, behavior, and addiction. <i>Journal of Biomedical Science</i> , 2021, 28, 83.	2.6	25
64	Depicting People in Visual Cues Affects Alcohol Cue Reactivity in Male Alcohol-Dependent Patients. <i>Brain Sciences</i> , 2022, 12, 307.	1.1	4
65	Medicinal Cannabis and Central Nervous System Disorders. <i>Frontiers in Pharmacology</i> , 2022, 13, 881810.	1.6	12
66	The Ventral Tegmental Area and Nucleus Accumbens as Circadian Oscillators: Implications for Drug Abuse and Substance Use Disorders. <i>Frontiers in Physiology</i> , 2022, 13, 886704.	1.3	17
67	A fluorescent nanosensor paint detects dopamine release at axonal varicosities with high spatiotemporal resolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	25
68	Effects of pimavanserin and lorcaserin on alcohol self-administration and reinstatement in male and female rats. <i>Neuropharmacology</i> , 2022, , 109150.	2.0	3
69	Association of Drug Cues and Craving With Drug Use and Relapse. <i>JAMA Psychiatry</i> , 2022, 79, 641.	6.0	78
70	Digital Addiction and Sleep. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6910.	1.2	24
71	Eradicating Entitlement to Reduce Susceptibility to Technological Enslavement. <i>IEEE Technology and Society Magazine</i> , 2022, 41, 73-77.	0.6	0
72	Researching Mitigation of Alcohol Binge Drinking in Polydrug Abuse: KCNK13 and RASGRF2 Gene(s) Risk Polymorphisms Coupled with Genetic Addiction Risk Severity (GARS) Guiding Precision Pro-Dopamine Regulation. <i>Journal of Personalized Medicine</i> , 2022, 12, 1009.	1.1	6
73	Is Illicit Substance Use Gender-Specific? The Basic Points of Mental and Health Disorders. <i>Toxics</i> , 2022, 10, 344.	1.6	3
74	Dopamine, Erectile Function and Male Sexual Behavior from the Past to the Present: A Review. <i>Brain Sciences</i> , 2022, 12, 826.	1.1	11
75	Role of the striatal dopamine, GABA and opioid systems in mediating feeding and fat intake. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 139, 104726.	2.9	7
76	Current Progress in Aptasensor for Ultra-Low Level Monitoring of Parkinson's Disease Biomarkers. <i>Critical Reviews in Analytical Chemistry</i> , 0, , 1-16.	1.8	3
77	Differential expression of miR-1249-3p and miR-34b-5p between vulnerable and resilient phenotypes of cocaine addiction. <i>Addiction Biology</i> , 2022, 27, .	1.4	7

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78	Astrocytes: the neglected stars in the central nervous system and drug addiction. <i>Medical Review</i> , 2022, 2, 417-426.	0.3	1
79	Why People Do What They Do: An Interdisciplinary Synthesis of Human Action Theories. <i>Annual Review of Environment and Resources</i> , 2022, 47, 725-751.	5.6	12
80	Flexible Glassy Carbon Multielectrode Array for In Vivo Multisite Detection of Tonic and Phasic Dopamine Concentrations. <i>Biosensors</i> , 2022, 12, 540.	2.3	12
81	Pleasure and Achievement: Dopamine and Endorphins. , 0, 6, 83-89.		0
82	Association of Polymorphism within the Putative miRNA Target Site in the 3'UTR Region of the DRD2 Gene with Neuroticism in Patients with Substance Use Disorder. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 9955.	1.2	1
83	Design, Synthesis and Pharmacological Evaluation of Novel Conformationally Restricted N-arylpiperazine Derivatives Characterized as D2/D3 Receptor Ligands, Candidates for the Treatment of Neurodegenerative Diseases. <i>Biomolecules</i> , 2022, 12, 1112.	1.8	1
84	G-CuP: the effect of a forced oral glucose intake on alcohol craving and mesolimbic cue reactivity in alcohol dependence study protocol of a randomized, double-blind, placebo-controlled crossover study. <i>Trials</i> , 2022, 23, .	0.7	2
85	Time-dependent affective disturbances in abstinent patients with methylphenidate use disorder. <i>BMC Psychiatry</i> , 2022, 22, .	1.1	0
86	A review of functional brain differences predicting relapse in substance use disorder: Actionable targets for new methods of noninvasive brain stimulation. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 141, 104821.	2.9	3
87	Using Local and Global Genetic Correlation Approaches to Help Elucidate the Shared Genetic Etiology of Psychiatric and Substance Use Traits. <i>Biological Psychiatry</i> , 2022, 92, e31-e33.	0.7	0
88	SRI-32743, a novel allosteric modulator, attenuates HIV-1 Tat protein-induced inhibition of the dopamine transporter and alleviates the potentiation of cocaine reward in HIV-1 Tat transgenic mice. <i>Neuropharmacology</i> , 2022, 220, 109239.	2.0	8
89	Photoelectrochemical sensor based on carboxylated graphdiyne co-sensitized TiO2 for sensitive detection of dopamine. <i>Materials Today Chemistry</i> , 2022, 26, 101143.	1.7	2
90	N-acetylcysteine improves impulse control and attenuates relapse-like alcohol intake in long-term drinking rats. <i>Behavioural Brain Research</i> , 2023, 436, 114089.	1.2	1
91	Metal-organic frameworks loaded Au nanozymes with enhanced peroxidase-like activity for multi-targeted biodetection. <i>Materials Advances</i> , 2022, 3, 8557-8566.	2.6	8
92	How adolescent cannabinoid exposure sets the stage for long-term emotional and cognitive dysregulation: Impacts on molecular and neuronal risk pathways. , 2022, , 171-196.		0
93	The 4R Model of Mood and Emotion for Sustainable Mental Health in Organisational Settings. <i>Sustainability</i> , 2022, 14, 11670.	1.6	0
94	Recent Advances in <i>Real-Time</i> Analysis of Electrochemical Reactions by Electrochemical Mass Spectrometry. <i>Chinese Journal of Chemistry</i> , 2023, 41, 214-224.	2.6	6
95	Ketamine plasmonic sensor using polyaniline-rGO-Fe3O4 nanocomposite thin layer. <i>Sensors and Actuators A: Physical</i> , 2022, 347, 113896.	2.0	0

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96	Chronic Ethanol Consumption Alters Presynaptic Regulation of Dorsal Striatal Dopamine Release in C57BL/6J Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10994.	1.8	1
97	Us versus them mentality in football fans: Significant social defeat engages the mentalization network and disengages cognitive control areas. <i>F1000Research</i> , 0, 11, 1009.	0.8	0
98	Trace Amine-Associated Receptor 1 and Its Links to Addictions. , 2022, , 557-576.		0
99	Etiology of Substance Use Disorders. , 2022, , 205-231.		0
100	Phosphorylation Signals Downstream of Dopamine Receptors in Emotional Behaviors: Association with Preference and Avoidance. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11643.	1.8	3
101	An RNA-seq study of the mPFC of rats with different addiction phenotypes. <i>Brain Research Bulletin</i> , 2022, 191, 107-120.	1.4	4
102	Strong Binding of Phytochemicals to the Catalytic Domain of Tyrosine Hydroxylase as a Trojan Horse Decreases Dopamine in Dopaminergic Cells: Pharmaceutical Considerations in Schizophrenia and Parkinsonâ€™s Disease. <i>Current Pharmaceutical Design</i> , 2022, 28, 3428-3445.	0.9	2
103	Persuasive Technology and Personhood on Social Media. <i>Science Technology and Human Values</i> , 0, , 016224392211370.	1.7	0
104	Behavioral phenotypes revealed during reversal learning are linked with novel genetic loci in diversity outbred mice. <i>Addiction Neuroscience</i> , 2022, 4, 100045.	0.4	4
105	Bioanalytik: Mit Nanoröhren Botenstoffe detektieren. <i>Nachrichten Aus Der Chemie</i> , 2022, 70, 65-67.	0.0	0
106	DENTAL STATUS AND FEATURES OF DENTAL CARE IN DRUG-DEPENDENT PATIENTS TAKING SYNTHETIC NARCOTIC SUBSTANCES. <i>The Actual Problems in Dentistry</i> , 2022, 18, 14-22.	0.1	1
108	The effect of short-form video addiction on usersâ€™ attention. <i>Behaviour and Information Technology</i> , 2023, 42, 2893-2910.	2.5	5
109	Evaluation of the negative effects of opium tincture on memory and hippocampal neurons in the presence of chicory extract. <i>Advanced Biomedical Research</i> , 2023, 12, 23.	0.2	0
110	The Dopamine System in Mediating Alcohol Effects in Humans. <i>Current Topics in Behavioral Neurosciences</i> , 2023, , .	0.8	0
111	The Influence of Schoolâ€™s Reward Systems on Studentsâ€™ Development. , 0, 8, 1822-1827.		0
112	Behavioral encoding across timescales by region-specific dopamine dynamics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	3.3	8
113	Amphetamine-induced prolonged disturbances in tissue levels of dopamine and serotonin in the rat brain. <i>Pharmacological Reports</i> , 2023, 75, 596-608.	1.5	2
114	Cannabidiol as a Modulator of the Development of Alcohol Tolerance in Rats. <i>Nutrients</i> , 2023, 15, 1702.	1.7	1

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115	Methods to Induce Analgesia and Anesthesia in Crustaceans: A Supportive Decision Tool. <i>Biology</i> , 2023, 12, 387.	1.3	6
116	Multivariate genome-wide association meta-analysis of over 1 million subjects identifies loci underlying multiple substance use disorders. , 2023, 1, 210-223.		33
117	Purkinje cell dopaminergic inputs to astrocytes regulate cerebellar-dependent behavior. <i>Nature Communications</i> , 2023, 14, .	5.8	4
119	The traps of adaptation: Addiction as maladaptive referent-dependent evaluation. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2023, 23, 973-985.	1.0	0
120	The Role of Dopamine in Schizophrenia, Depression, and Addiction. <i>Advances in Social Sciences</i> , 2023, 12, 1694-1700.	0.0	0
121	The addicted brain: differences between heroin and cocaine?. <i>Brain</i> , 2023, 146, 1227-1227.	3.7	0
130	Perspective Chapter: The Role of Dopamine Receptors in Neuropsychiatric Diseases. , 0, , .		0
145	Perspective Chapter: The Role of Dopamine Receptors in Neuropsychiatric Diseases. , 0, , .		1
149	Neonatal opioid toxicity: opioid withdrawal (abstinence) syndrome with emphasis on pharmacogenomics and respiratory depression. <i>Archives of Toxicology</i> , 2023, 97, 2575-2585.	1.9	2
160	Pharmacological Strategies for Pediatric Obesity. , 2023, , 139-210.		0
170	Genetic differences associated with dopamine and serotonin release mediate fear-induced bradycardia in the human brain. <i>Translational Psychiatry</i> , 2024, 14, .	2.4	5
176	The Duty to Promote Digital Minimalism in Others I: Duties of Virtue. , 2024, , 143-183.		0