Dysregulation of the dopamine system in the pathophy depression

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Citation Report

#	Article	IF	Citations
1	Dysregulation of Corticostriatal Connectivity in Huntingtonâ€™s Disease: AÂRole for Dopamine Modulation. Journal of Huntington's Disease, 2016, 5, 303-331.	0.9	36
2	Prefrontal Cortex Dysfunction Increases Susceptibility to Schizophrenia-Like Changes Induced by Adolescent Stress Exposure. Schizophrenia Bulletin, 2017, 43, sbw156.	2.3	54
3	Adolescence as a period of vulnerability and intervention in schizophrenia: Insights from the MAM model. Neuroscience and Biobehavioral Reviews, 2016, 70, 260-270.	2.9	93
4	Effects of Ketamine and Ketamine Metabolites on Evoked Striatal Dopamine Release, Dopamine Receptors, and Monoamine Transporters. Journal of Pharmacology and Experimental Therapeutics, 2016, 359, 159-170.	1.3	89
5	Ventral Pallidum Output Pathways in Context-Induced Reinstatement of Alcohol Seeking. Journal of Neuroscience, 2016, 36, 11716-11726.	1.7	58
6	Key role of the dopamine D ₄ receptor in the modulation of corticostriatal glutamatergic neurotransmission. Science Advances, 2017, 3, e1601631.	4.7	48
7	Effects of early or late prenatal immune activation in mice on behavioral and neuroanatomical abnormalities relevant to schizophrenia in the adulthood. International Journal of Developmental Neuroscience, 2017, 58, 1-8.	0.7	45
8	Imaging TMS: antidepressant mechanisms and treatment optimization. International Review of Psychiatry, 2017, 29, 89-97.	1.4	13
9	Classics in Chemical Neuroscience: Haloperidol. ACS Chemical Neuroscience, 2017, 8, 444-453.	1.7	48
10	Reduced levels of <scp>C</scp>acna1c attenuate mesolimbic dopamine system function. Genes, Brain and Behavior, 2017, 16, 495-505.	1.1	28
11	A Systematic and Meta-analytic Review of Neural Correlates of Functional Outcome in Schizophrenia. Schizophrenia Bulletin, 2017, 43, 1329-1347.	2.3	58
12	Reward Prediction Errors in Drug Addiction and Parkinsonâ€™s Disease: from Neurophysiology to Neuroimaging. Current Neurology and Neuroscience Reports, 2017, 17, 46.	2.0	23
13	Sex-Dependent Effects of Stress on Immobility Behavior and VTA Dopamine Neuron Activity: Modulation by Ketamine. International Journal of Neuropsychopharmacology, 2017, 20, 823-832.	1.0	85
14	Increased temporal discounting after chronic stress in CHL1-deficient mice is reversed by 5-HT2C agonist Ro 60-0175. Neuroscience, 2017, 357, 110-118.	1.1	7
15	Network-Guided Transcranial Magnetic Stimulation for Depression. Current Behavioral Neuroscience Reports, 2017, 4, 70-77.	0.6	23
16	Anti-anhedonic effect of selective serotonin reuptake inhibitors with affinity for sigma-1 receptors in picrotoxin-treated mice. British Journal of Pharmacology, 2017, 174, 314-327.	2.7	9
17	Drugs for psychosis and mood: unique actions at D3, D2, and D1 dopamine receptor subtypes. CNS Spectrums, 2017, 22, 375-384.	0.7	210
18	A Test of the Transdiagnostic Dopamine Hypothesis of Psychosis Using Positron Emission Tomographic Imaging in Bipolar Affective Disorder and Schizophrenia. JAMA Psychiatry, 2017, 74, 1206.	6.0	178

#	Article	IF	Citations
19	Comprehensive review: Computational modelling of schizophrenia. Neuroscience and Biobehavioral Reviews, 2017, 83, 631-646.	2.9	62
20	Electrical stimulation of the hippocampal fimbria facilitates neuronal nitric oxide synthase activity in the medial shell of the rat nucleus accumbens: Modulation by dopamine D1 and D2 receptor activation. Neuropharmacology, 2017, 126, 151-157.	2.0	14
21	The atypical dopamine receptor agonist <scp>SKF</scp> 83959 enhances hippocampal and prefrontal cortical neuronal network activity in a rat model of cognitive dysfunction. European Journal of Neuroscience, 2017, 46, 2015-2025.	1.2	6
22	Functional connectivity of the left DLPFC to striatum predicts treatment response of depression to TMS. Brain Stimulation, 2017, 10, 919-925.	0.7	104
23	Dazzled by the dominions of dopamine: clinical roles of D3, D2, and D1 receptors. CNS Spectrums, 2017, 22, 305-311.	0.7	19
24	MAM-E17 rat model impairments on a novel continuous performance task: effects of potential cognitive enhancing drugs. Psychopharmacology, 2017, 234, 2837-2857.	1.5	30
25	Working memory, attention, and salience in active inference. Scientific Reports, 2017, 7, 14678.	1.6	148
26	Association of transcription factor 4 (TCF4) gene mRNA level with schizophrenia, its psychopathology, intelligence and cognitive impairments. Journal of Neurogenetics, 2017, 31, 344-351.	0.6	11
27	The shedding protease ADAM17: Physiology and pathophysiology. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 2059-2070.	1.9	246
28	Adolescent Stress as a Driving Factor for Schizophrenia Developmentâ€"A Basic Science Perspective. Schizophrenia Bulletin, 2017, 43, 486-489.	2.3	56
29	Involvement of Infralimbic Prefrontal Cortex but not Lateral Habenula in Dopamine Attenuation After Chronic Mild Stress. Neuropsychopharmacology, 2017, 42, 904-913.	2.8	70
30	The dopamine D3 receptor, a quarter century later. European Journal of Neuroscience, 2017, 45, 2-19.	1.2	178
31	Dopamine System Dysregulation in Major Depressive Disorders. International Journal of Neuropsychopharmacology, 2017, 20, 1036-1046.	1.0	444
32	Psychogenic Stress Activates C-Fos in Nucleus Accumbens-Projecting Neurons of the Hippocampal Ventral Subiculum. International Journal of Neuropsychopharmacology, 2017, 20, 855-860.	1.0	10
33	Divergent effects of acute and repeated quetiapine treatment on dopamine neuron activity in normal vs. chronic mild stress induced hypodopaminergic states. Translational Psychiatry, 2017, 7, 1275.	2.4	12
34	Detection of phasic dopamine by D1 and D2 striatal medium spiny neurons. Journal of Physiology, 2017, 595, 7451-7475.	1.3	82
35	Impact of Vortioxetine on Synaptic Integration in Prefrontal-Subcortical Circuits: Comparisons with Escitalopram. Frontiers in Pharmacology, 2017, 8, 764.	1.6	12
36	IL1R2, CCR2, and CXCR4 May Form Heteroreceptor Complexes with NMDAR and D2R: Relevance for Schizophrenia. Frontiers in Psychiatry, 2017, 8, 24.	1.3	10

#	Article	IF	Citations
37	Neuroinflammation and Oxidative Stress in Psychosis and Psychosis Risk. International Journal of Molecular Sciences, 2017, 18, 651.	1.8	124
38	Quantitative Susceptibility Mapping Reveals an Association between Brain Iron Load and Depression Severity. Frontiers in Human Neuroscience, 2017, 11, 442.	1.0	33
39	Behavioral Modulation by Spontaneous Activity of Dopamine Neurons. Frontiers in Systems Neuroscience, 2017, 11, 88.	1.2	22
40	Neural Plasticity Is Involved in Physiological Sleep, Depressive Sleep Disturbances, and Antidepressant Treatments. Neural Plasticity, 2017, 2017, 1-16.	1.0	12
41	Association between COMT Val158Met and DAT1 polymorphisms and depressive symptoms in the obese population. Neuropsychiatric Disease and Treatment, 2017, Volume 13, 2221-2229.	1.0	20
42	Refinement of a neuronal differentiation protocol predominantly yields human iPS cell-derived dopaminergic neurons for the investigation of neurodegenerative pathomechanisms in vitro. Journal of Cellular Biotechnology, 2017, 3, 61-80.	0.1	0
43	Implications of Circadian Rhythm in Dopamine and Mood Regulation. Molecules and Cells, 2017, 40, 450-456.	1.0	49
44	Spontaneous eye blink rate and dopamine synthesis capacity: preliminary evidence for an absence of positive correlation. European Journal of Neuroscience, 2018, 47, 1081-1086.	1.2	66
45	Antidepressant treatment effects on dopamine transporter availability in patients with major depression: a prospective 123I-FP-CIT SPECT imaging genetic study. Journal of Neural Transmission, 2018, 125, 995-1005.	1.4	8
46	Melancholy, anhedonia, apathy: the search for separable behaviors and neural circuits in depression. Current Opinion in Neurobiology, 2018, 49, 192-200.	2.0	35
47	Cortical GABA in Subjects at Ultra-High Risk of Psychosis: Relationship to Negative Prodromal Symptoms. International Journal of Neuropsychopharmacology, 2018, 21, 114-119.	1.0	32
48	Dopamine Secretion Is Mediated by Sparse Active Zone-like Release Sites. Cell, 2018, 172, 706-718.e15.	13.5	172
49	Current perspectives on incentive salience and applications to clinical disorders. Current Opinion in Behavioral Sciences, 2018, 22, 59-69.	2.0	109
50	A systematic review of the role of the nociceptin receptor system in stress, cognition, and reward: relevance to schizophrenia. Translational Psychiatry, 2018, 8, 38.	2.4	22
51	Stress Elevates Frontal Midline Theta in Feedback-based Category Learning of Exceptions. Journal of Cognitive Neuroscience, 2018, 30, 799-813.	1.1	5
52	Dopaminergic modulation of hemodynamic signal variability and the functional connectome during cognitive performance. NeuroImage, 2018, 172, 341-356.	2.1	54
53	Human Striatal Response to Reward Anticipation Linked to Hippocampal Glutamate Levels. International Journal of Neuropsychopharmacology, 2018, 21, 623-630.	1.0	13
54	Prefrontal GABA levels, hippocampal resting perfusion and the risk of psychosis. Neuropsychopharmacology, 2018, 43, 2652-2659.	2.8	45

#	Article	IF	Citations
55	Studies of a Neuronal Cell Line as a Model of Psychiatric Disorders. Methods in Molecular Biology, 2018, 1735, 231-238.	0.4	0
56	Dopamine, psychosis and schizophrenia: the widening gap between basic and clinical neuroscience. Translational Psychiatry, 2018, 8, 30.	2.4	224
57	A Perceptual Inference Mechanism for Hallucinations Linked to Striatal Dopamine. Current Biology, 2018, 28, 503-514.e4.	1.8	120
58	Understanding the pathophysiology of depression: From monoamines to the neurogenesis hypothesis model - are we there yet?. Behavioural Brain Research, 2018, 341, 79-90.	1.2	219
59	Inhibiting Mesolimbic Dopamine Neurons Reduces the Initiation and Maintenance of Instrumental Responding. Neuroscience, 2018, 372, 306-315.	1.1	37
60	Differentiating positive schizotypy and mania risk scales and their associations with spontaneous eye blink rate. Psychiatry Research, 2018, 264, 58-66.	1.7	4
61	Î±7 Nicotinic receptor-modulating agents reverse the hyperdopaminergic tone in the MAM model of schizophrenia. Neuropsychopharmacology, 2018, 43, 1712-1720.	2.8	18
62	Medial septum differentially regulates dopamine neuron activity in the rat ventral tegmental area and substantia nigra via distinct pathways. Neuropsychopharmacology, 2018, 43, 2093-2100.	2.8	24
63	Deletion of dopamine D ₂ receptors from parvalbumin interneurons in mouse causes schizophrenia-like phenotypes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3476-3481.	3.3	29
64	Phytocannabinoids modulate emotional memory processing through interactions with the ventral hippocampus and mesolimbic dopamine system: implications for neuropsychiatric pathology. Psychopharmacology, 2018, 235, 447-458.	1.5	26
65	The DRD2 Taq1A A1 Allele May Magnify the Risk of Alzheimerâ€™s in Aging African-Americans. Molecular Neurobiology, 2018, 55, 5526-5536.	1.9	20
66	Our (Motherâ€™s) Mitochondria and Our Mind. Perspectives on Psychological Science, 2018, 13, 88-100.	5.2	44
67	Structural and Functional Characterization of the Interaction of Snapin with the Dopamine Transporter: Differential Modulation of Psychostimulant Actions. Neuropsychopharmacology, 2018, 43, 1041-1051.	2.8	7
68	Epilepsy as a Network Disorder (2): What can we learn from other network disorders such as dementia and schizophrenia, and what are the implications for translational research?. Epilepsy and Behavior, 2018, 78, 302-312.	0.9	17
69	Role of the Axon Initial Segment in the Control of Spontaneous Frequency of Nigral Dopaminergic NeuronsIn Vivo. Journal of Neuroscience, 2018, 38, 733-744.	1.7	41
70	Decreased Brain pH as a Shared Endophenotype of Psychiatric Disorders. Neuropsychopharmacology, 2018, 43, 459-468.	2.8	94
71	COMT, 5-HTR2A, and SLC6A4 mRNA Expressions in First-Episode Antipsychotic-NaÃ¯ve Schizophrenia and Association With Treatment Outcomes. Frontiers in Psychiatry, 2018, 9, 577.	1.3	9
72	Expression of dopamine signaling genes in the post-mortem brain of individuals with mental illnesses is moderated by body mass index and mediated by insulin signaling genes. Journal of Psychiatric Research, 2018, 107, 128-135.	1.5	17

#	Article	IF	Citations
73	Somato-Dendritic Regulation of Raphe Serotonin Neurons; A Key to Antidepressant Action. Frontiers in Neuroscience, 2018, 12, 982.	1.4	55
74	Can Your DNA Influence Your Bet-Placing? The Impact of Cannabinoid Receptor 1 Gene on Gambling Tasks. Frontiers in Human Neuroscience, 2018, 12, 458.	1.0	3
75	Dopaminergic basis for signaling belief updates, but not surprise, and the link to paranoia. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10167-E10176.	3.3	65
76	Nicotinamide-N-methyltransferase controls behavior, neurodegeneration and lifespan by regulating neuronal autophagy. PLoS Genetics, 2018, 14, e1007561.	1.5	32
77	Neural Coding With Burstsâ€"Current State and Future Perspectives. Frontiers in Computational Neuroscience, 2018, 12, 48.	1.2	123
78	Effects of early life stress on biochemical indicators of the dopaminergic system: A 3 level meta-analysis of rodent studies. Neuroscience and Biobehavioral Reviews, 2018, 95, 1-16.	2.9	34
79	Application value of selected serum indicators in the differential diagnosis of geriatric depression and transient depressive state. Neuropsychiatric Disease and Treatment, 2018, Volume 14, 459-465.	1.0	4
80	Effect of Cannabidiol on Medial Temporal, Midbrain, and Striatal Dysfunction in People at Clinical High Risk of Psychosis. JAMA Psychiatry, 2018, 75, 1107.	6.0	113
81	What does dopamine mean?. Nature Neuroscience, 2018, 21, 787-793.	7.1	597
82	Oxytocin functions as a spatiotemporal filter for excitatory synaptic inputs to VTA dopamine neurons. ELife, 2018, 7, .	2.8	60
83	Single-Prolonged Stress: A Review of Two Decades of Progress in a Rodent Model of Post-traumatic Stress Disorder. Frontiers in Psychiatry, 2018, 9, 196.	1.3	135
84	Transcriptomic Evidence for Alterations in Astrocytes and Parvalbumin Interneurons in Subjects With Bipolar Disorder and Schizophrenia. Biological Psychiatry, 2018, 84, 787-796.	0.7	89
85	Impaired recruitment of dopamine neurons during working memory in mice with striatal D2 receptor overexpression. Nature Communications, 2018, 9, 2822.	5.8	29
86	DARPPâ€32 in the orchestration of responses to positive natural stimuli. Journal of Neurochemistry, 2018, 147, 439-453.	2.1	26
87	The Relationship Between Dopamine Neurotransmitter Dynamics and the Blood-Oxygen-Level-Dependent (BOLD) Signal: A Review of Pharmacological Functional Magnetic Resonance Imaging. Frontiers in Neuroscience, 2018, 12, 238.	1.4	26
88	Neurometabolic abnormalities in the associative striatum in antipsychotic-naÃ¯ve first episode psychosis patients. Psychiatry Research - Neuroimaging, 2018, 281, 101-106.	0.9	12
89	Age-Related Trajectories of Functional Coupling between the VTA and Nucleus Accumbens Depend on Motivational State. Journal of Neuroscience, 2018, 38, 7420-7427.	1.7	25
90	Region-Specific Regulation of Presynaptic Dopamine Homeostasis by D₂ Autoreceptors Shapes the In Vivo Impact of the Neuropsychiatric Disease-Associated DAT Variant Val559. Journal of Neuroscience, 2018, 38, 5302-5312.	1.7	34

#	Article	IF	Citations
91	Evaluation of fronto-striatal networks during cognitive control in unmedicated patients with schizophrenia and the effect of antipsychotic medication. NPJ Schizophrenia, 2018, 4, 8.	2.0	31
92	The novel atypical antipsychotic cariprazine demonstrates dopamine D2receptorâ€dependent partial agonist actions on rat mesencephalic dopamine neuronal activity. CNS Neuroscience and Therapeutics, 2018, 24, 1129-1139.	1.9	10
93	Prefronto-cortical dopamine D1 receptor sensitivity can critically influence working memory maintenance during delayed response tasks. PLoS ONE, 2018, 13, e0198136.	1.1	5
94	Subunit-specific NMDAR antagonism dissociates schizophrenia subtype-relevant oscillopathies associated with frontal hypofunction and hippocampal hyperfunction. Scientific Reports, 2018, 8, 11588.	1.6	19
95	Stably maintained microtubules protect dopamine neurons and alleviate depression-like behavior after intracerebral hemorrhage. Scientific Reports, 2018, 8, 12647.	1.6	21
96	Prefrontal cortex modulates firing pattern in the nucleus reuniens of the midline thalamus via distinct corticothalamic pathways. European Journal of Neuroscience, 2018, 48, 3255-3272.	1.2	21
97	Tracking tonic dopamine levels in vivo using multiple cyclic square wave voltammetry. Biosensors and Bioelectronics, 2018, 121, 174-182.	5.3	75
98	Repositioning Dopamine D2 Receptor Agonist Bromocriptine to Enhance Docetaxel Chemotherapy and Treat Bone Metastatic Prostate Cancer. Molecular Cancer Therapeutics, 2018, 17, 1859-1870.	1.9	19
99	Pathologic role of nitrergic neurotransmission in mood disorders. Progress in Neurobiology, 2019, 173, 54-87.	2.8	24
100	Ventral midbrain astrocytes display unique physiological features and sensitivity to dopamine D2 receptor signaling. Neuropsychopharmacology, 2019, 44, 344-355.	2.8	62
101	Brain-Derived Neurotrophic Factor in Brain Disorders: Focus on Neuroinflammation. Molecular Neurobiology, 2019, 56, 3295-3312.	1.9	449
102	Comparing the effect of the subcategories of atypical antipsychotic medications on cognition in schizophrenia using a meta-analytic approach. Journal of Clinical and Experimental Neuropsychology, 2019, 41, 26-42.	0.8	12
103	Dopamine D_{2L} Receptor Deficiency Causes Stress Vulnerability through 5-HT_{1A} Receptor Dysfunction in Serotonergic Neurons. Journal of Neuroscience, 2019, 39, 7551-7563.	1.7	10
104	Co-treatment of piracetam with risperidone rescued extinction deficits in experimental paradigms of post-traumatic stress disorder by restoring the physiological alterations in cortex and hippocampus. Pharmacology Biochemistry and Behavior, 2019, 185, 172763.	1.3	20
105	Limbic circuit connectivity and the stress response: New insights into the mammalian nociceptin peptide system. Vitamins and Hormones, 2019, 111, 131-145.	0.7	0
106	Transdiagnostic modulation of brain networks by electroconvulsive therapy in schizophrenia and major depression. European Neuropsychopharmacology, 2019, 29, 925-935.	0.3	18
107	Sensitive detection of dopamine using a platinum microelectrode modified by reduced graphene oxide and gold nanoparticles. Journal of Electroanalytical Chemistry, 2019, 848, 113244.	1.9	25
108	Propiconazole induces abnormal behavior and oxidative stress in zebrafish. Environmental Science and Pollution Research, 2019, 26, 27808-27815.	2.7	34

#	Article	IF	Citations
109	Female rats are resistant to the long-lasting neurobehavioral changes induced by adolescent stress exposure. European Neuropsychopharmacology, 2019, 29, 1127-1137.	0.3	28
110	5-HT₃ Receptor Antagonists in Neurologic and Neuropsychiatric Disorders: The Iceberg Still Lies beneath the Surface. Pharmacological Reviews, 2019, 71, 383-412.	7.1	65
111	Glia-derived exosomes: Promising therapeutic targets. Life Sciences, 2019, 239, 116951.	2.0	16
112	The Possible Role of Telomere Length and Chemokines in the Aging Process: A Transdiagnostic Review in Psychiatry. Current Psychiatry Research and Reviews, 2019, 15, 171-192.	0.1	0
113	Prenatal THC exposure produces a hyperdopaminergic phenotype rescued by pregnenolone. Nature Neuroscience, 2019, 22, 1975-1985.	7.1	93
114	The role of the brainâ€“gutâ€“microbiota axis in psychology: The importance of considering gut microbiota in the development, perpetuation, and treatment of psychological disorders. Brain and Behavior, 2019, 9, e01408.	1.0	30
115	An integrative framework for perceptual disturbances in psychosis. Nature Reviews Neuroscience, 2019, 20, 763-778.	4.9	53
116	Laminin Î±2 controls mouse and human stem cell behaviour during midbrain dopaminergic neuron development. Development (Cambridge), 2019, 146, .	1.2	13
117	Striatal dopamine D2 binding correlates with locus of control: Preliminary evidence from [11C]raclopride Positron Emission Tomography. International Journal of Psychophysiology, 2019, 146, 117-124.	0.5	4
118	Dopamine and Working Memory: Genetic Variation, Stress and Implications for Mental Health. Current Topics in Behavioral Neurosciences, 2019, 41, 369-391.	0.8	11
119	Cholinergic muscarinic M1 and M4 receptors as therapeutic targets for cognitive, behavioural, and psychological symptoms in psychiatric and neurological disorders. Drug Discovery Today, 2019, 24, 2307-2314.	3.2	33
120	Pre-frontal parvalbumin interneurons in schizophrenia: a meta-analysis of post-mortem studies. Journal of Neural Transmission, 2019, 126, 1637-1651.	1.4	84
121	Direct in Vivo Electrochemical Detection of Resting Dopamine Using Poly(3,4-ethylenedioxythiophene)/Carbon Nanotube Functionalized Microelectrodes. Analytical Chemistry, 2019, 91, 12917-12927.	3.2	67
122	The differential contribution of pacemaker neurons to synaptic transmission in the pyloric network of the Jonah crab, Cancer borealis. Journal of Neurophysiology, 2019, 122, 1623-1633.	0.9	5
123	Early Detection and Preventive Intervention in Schizophrenia: From Fantasy to Reality. American Journal of Psychiatry, 2019, 176, 794-810.	4.0	100
124	Synthesis and biological evaluation of new multi-target 3-(1H-indol-3-yl)pyrrolidine-2,5-dione derivatives with potential antidepressant effect. European Journal of Medicinal Chemistry, 2019, 183, 111736.	2.6	21
125	Dimensions of control for subthreshold oscillations and spontaneous firing in dopamine neurons. PLoS Computational Biology, 2019, 15, e1007375.	1.5	5
126	Region-specific inhibition of 14-3-3 proteins induces psychomotor behaviors in mice. NPJ Schizophrenia, 2019, 5, 1.	2.0	27

#	Article	IF	Citations
127	Stress during critical periods of development and risk for schizophrenia. Schizophrenia Research, 2019, 213, 107-113.	1.1	68
129	The Importance of Psychoneuroimmunology for Social Workers. Families in Society, 2019, 100, 17-33.	0.6	0
130	From Computation to the First-Person: Auditory-Verbal Hallucinations and Delusions of Thought Interference in Schizophrenia-Spectrum Psychoses. Schizophrenia Bulletin, 2019, 45, S56-S66.	2.3	22
131	Crosstalk of Intercellular Signaling Pathways in the Generation of Midbrain Dopaminergic Neurons In Vivo and from Stem Cells. Journal of Developmental Biology, 2019, 7, 3.	0.9	26
132	Loss of dysbindin-1 affects GABAergic transmission in the PFC. Psychopharmacology, 2019, 236, 3291-3300.	1.5	9
133	Which Dopamine Polymorphisms Are Functional? Systematic Review and Meta-analysis of COMT, DAT, DBH, DDC, DRD1â€“5, MAOA, MAOB, TH, VMAT1, and VMAT2. Biological Psychiatry, 2019, 86, 608-620.	0.7	67
134	Dissociable dopamine dynamics for learning and motivation. Nature, 2019, 570, 65-70.	13.7	487
135	Polymorphisms in Dopaminergic Genes in Schizophrenia and Their Implications in Motor Deficits and Antipsychotic Treatment. Frontiers in Neuroscience, 2019, 13, 355.	1.4	6
137	Reward processing and social functioning in psychosis. , 2019, , 177-200.		3
138	Enhanced GABAergic Immunoreactivity in Hippocampal Neurons and Astroglia of Multiple Sclerosis Patients. Journal of Neuropathology and Experimental Neurology, 2019, 78, 480-491.	0.9	13
139	Na+, K+-ATPase Î±3 isoform in frontal cortex GABAergic neurons in psychiatric diseases. Journal of Psychiatric Research, 2019, 115, 21-28.	1.5	13
140	P.1.23 Implication of Rab35/ESCRT pathway in tau proteostasis under control and pathological conditions. European Neuropsychopharmacology, 2019, 29, S649-S650.	0.3	0
141	Selective D2 and D3 receptor antagonists oppositely modulate cocaine responses in mice via distinct postsynaptic mechanisms in nucleus accumbens. Neuropsychopharmacology, 2019, 44, 1445-1455.	2.8	24
142	Heat-killed Lactobacillus helveticus strain MCC1848 confers resilience to anxiety or depression-like symptoms caused by subchronic social defeat stress in mice. Bioscience, Biotechnology and Biochemistry, 2019, 83, 1239-1247.	0.6	58
143	Prenatal treatment with methylazoxymethanol acetate as a neurodevelopmental disruption model of schizophrenia in mice. Neuropharmacology, 2019, 150, 1-14.	2.0	29
144	BDNF and COMT, but not APOE, alleles are associated with psychiatric symptoms in refractory epilepsy. Epilepsy and Behavior, 2019, 94, 131-136.	0.9	9
145	Dopamine D1 Receptor (D1R) Expression Is Controlled by a Transcriptional Repressor Complex Containing DISC1. Molecular Neurobiology, 2019, 56, 6725-6735.	1.9	4
146	Spontaneous Regional Brain Activity in Healthy Individuals is Nonlinearly Modulated by the Interaction of ZNF804A rs1344706 and COMT rs4680 Polymorphisms. Neuroscience Bulletin, 2019, 35, 735-742.	1.5	6

#	Article	IF	Citations
147	Hallucinations Research: Into the Future, and Beyond. Schizophrenia Bulletin, 2019, 45, NP-NP.	2.3	0
148	Functional Connectivity of Corticostriatal Circuitry and Psychosis-like Experiences in the General Community. Biological Psychiatry, 2019, 86, 16-24.	0.7	44
149	Lateral Habenular Burst Firing as a Target of the Rapid Antidepressant Effects of Ketamine. Trends in Neurosciences, 2019, 42, 179-191.	4.2	61
150	Optogenetic Studies of the Pathophysiological Mechanisms and Treatment of Depression. Neuroscience and Behavioral Physiology, 2019, 49, 178-183.	0.2	0
151	Dopamine neuron-derived IGF-1 controls dopamine neuron firing, skill learning, and exploration. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3817-3826.	3.3	45
152	The Pharmacology of Visual Hallucinations in Synucleinopathies. Frontiers in Pharmacology, 2019, 10, 1379.	1.6	36
153	GABRB2 in Neuropsychiatric Disorders: Genetic Associations and Functional Evidences. Current Psychopharmacology, 2019, 8, 166-176.	0.1	6
154	Functional alteration of brain network in schizophrenia: An fMRI study based on mutual information. Europhysics Letters, 2019, 128, 50005.	0.7	2
155	Prediction and Understanding of Resilience in Albertan Families: Longitudinal Study of Disaster Responses (PURLS) â€“ Protocol. Frontiers in Psychiatry, 2019, 10, 729.	1.3	3
156	Early-Life Adversity Induces Epigenetically Regulated Changes in Hippocampal Dopaminergic Molecular Pathways. Molecular Neurobiology, 2019, 56, 3616-3625.	1.9	17
157	A plea for a transdiagnostic conceptualization of negative symptoms and for consistent psychiatric vocabulary. Schizophrenia Research, 2019, 204, 427-429.	1.1	15
158	Activation of the ventral subiculum reinvigorates behavior after failure to achieve a goal: Implications for dopaminergic modulation of motivational processes. Behavioural Brain Research, 2019, 356, 266-270.	1.2	10
159	Cell-Type-Specific D1 Dopamine Receptor Modulation of Projection Neurons and Interneurons in the Prefrontal Cortex. Cerebral Cortex, 2019, 29, 3224-3242.	1.6	72
160	Multi-echo fMRI, resting-state connectivity, and high psychometric schizotypy. NeuroImage: Clinical, 2019, 21, 101603.	1.4	18
161	Doping effect and fluorescence quenching mechanism of N-doped graphene quantum dots in the detection of dopamine. Talanta, 2019, 196, 563-571.	2.9	93
162	Peripubertal cannabidiol treatment rescues behavioral and neurochemical abnormalities in the MAM model of schizophrenia. Neuropharmacology, 2019, 146, 212-221.	2.0	59
163	Intrahippocampal administration of 5-HT6 receptor drugs on memory consolidation and amnesia protocols. Behavioural Brain Research, 2019, 359, 378-385.	1.2	7
164	Association of Hippocampal Glutamate Levels With Adverse Outcomes in Individuals at Clinical High Risk for Psychosis. JAMA Psychiatry, 2019, 76, 199.	6.0	69

#	Article	IF	Citations
165	HCN channels: New targets for the design of an antidepressant with rapid effects. Journal of Affective Disorders, 2019, 245, 764-770.	2.0	8
166	Association of Trauma Type, Age of Exposure, and Frequency in Childhood and Adolescence With Psychotic Experiences in Early Adulthood. JAMA Psychiatry, 2019, 76, 79.	6.0	162
167	The influence of Val158Met COMT on physiological stress responsivity. Stress, 2019, 22, 276-279.	0.8	15
168	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. Journal of Neuroscience, 2019, 39, 1842-1854.	1.7	29
169	COA-Cl induces dopamine release and tyrosine hydroxylase phosphorylation: In vivo reverse microdialysis and in vitro analysis. Brain Research, 2019, 1706, 68-74.	1.1	4
170	Dopamin, oxidativer Stress und Proteinâ€Chinonmodifikationen bei Parkinson und anderen neurodegenerativen Erkrankungen. Angewandte Chemie, 2019, 131, 6580-6596.	1.6	7
171	Dopamine, Oxidative Stress and Proteinâ€“Quinone Modifications in Parkinson's and Other Neurodegenerative Diseases. Angewandte Chemie - International Edition, 2019, 58, 6512-6527.	7.2	160
172	Chronic antipsychotic treatment targets GIRK current suppression, loss of long-term synaptic depression and behavioural sensitization in a mouse model of amphetamine psychosis. Journal of Psychopharmacology, 2019, 33, 74-85.	2.0	8
173	Dopamine tunes prefrontal outputs to orchestrate aversive processing. Brain Research, 2019, 1713, 16-31.	1.1	53
174	Preliminary data indicating a connection between stress-induced prefrontal dopamine release and hippocampal TSPO expression in the psychosis spectrum. Schizophrenia Research, 2019, 213, 80-86.	1.1	8
175	5-HTTLPR polymorphism is associated with nostalgia proneness: The role of neuroticism. Social Neuroscience, 2019, 14, 183-190.	0.7	8
176	The Circuitry of Dopamine System Regulation and its Disruption in Schizophrenia: Insights Into Treatment and Prevention. Schizophrenia Bulletin, 2019, 45, 148-157.	2.3	109
177	Schizophrenia-Like Dopamine Release Abnormalities in a Mouse Model of NMDA Receptor Hypofunction. Schizophrenia Bulletin, 2019, 45, 138-147.	2.3	29
178	Insights on current and novel antipsychotic mechanisms from the MAM model of schizophrenia. Neuropharmacology, 2020, 163, 107632.	2.0	22
179	The role of dopamine D₃receptors in the mechanism of action of cariprazine. CNS Spectrums, 2020, 25, 343-351.	0.7	37
180	A dopaminergic mechanism of antipsychotic drug efficacy, failure, and failure reversal: the role of the dopamine transporter. Molecular Psychiatry, 2020, 25, 2101-2118.	4.1	59
181	Effects of light intensity and dual light intensity choice on plasma corticosterone, central serotonergic and dopaminergic activities in birds, Gallus gallus. General and Comparative Endocrinology, 2020, 285, 113289.	0.8	10
182	The depressogenic potential of added dietary sugars. Medical Hypotheses, 2020, 134, 109421.	0.8	21

#	Article	IF	Citations
183	Glutamatergic and dopaminergic function and the relationship to outcome in people at clinical high risk of psychosis: a multi-modal PET-magnetic resonance brain imaging study. Neuropsychopharmacology, 2020, 45, 641-648.	2.8	21
184	The Unique Nature of Depression and Anxiety among College Students with Adverse Childhood Experiences. Journal of Child and Adolescent Trauma, 2020, 13, 163-172.	1.0	18
185	Conditional, inducible gene silencing in dopamine neurons reveals a sex-specific role for Rit2 GTPase in acute cocaine response and striatal function. Neuropsychopharmacology, 2020, 45, 384-393.	2.8	26
186	Divergence of an association between depressive symptoms and a dopamine polygenic score in Caucasians and Asians. European Archives of Psychiatry and Clinical Neuroscience, 2020, 270, 229-235.	1.8	14
187	Neurochemical mechanisms for memory processing during sleep: basic findings in humans and neuropsychiatric implications. Neuropsychopharmacology, 2020, 45, 31-44.	2.8	35
188	The pathophysiological impact of stress on the dopamine system is dependent on the state of the critical period of vulnerability. Molecular Psychiatry, 2020, 25, 3278-3291.	4.1	49
189	Heterogeneity of dopamine release sites in health and degeneration. Neurobiology of Disease, 2020, 134, 104633.	2.1	15
190	Stress-induced plasticity and functioning of ventral tegmental dopamine neurons. Neuroscience and Biobehavioral Reviews, 2020, 108, 48-77.	2.9	151
191	Oxytocin Exerts Antidepressant-like effect by potentiating dopaminergic synaptic transmission in the mPFC. Neuropharmacology, 2020, 162, 107836.	2.0	22
192	Functional brain activity is globally elevated by dopamine D2 receptor knockdown in the ventral tegmental area. Brain Research, 2020, 1727, 146552.	1.1	5
193	Postpartum changes in affect-related behavior and VTA dopamine neuron activity in rats. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2020, 97, 109768.	2.5	14
194	A novel popamine-imprinted chitosan/CuCo2O4@carbon/three-dimensional macroporous carbon integrated electrode. Journal of Alloys and Compounds, 2020, 817, 152771.	2.8	15
195	Magnitude and heterogeneity of brain structural abnormalities in 22q11.2 deletion syndrome: a meta-analysis. Molecular Psychiatry, 2020, 25, 1704-1717.	4.1	39
196	Post-finasteride syndrome: An emerging clinical problem. Neurobiology of Stress, 2020, 12, 100209.	1.9	49
197	Turning Touch into Perception. Neuron, 2020, 105, 16-33.	3.8	54
198	Molecular Connections Between Circadian Clocks and Mood-related Behaviors. Journal of Molecular Biology, 2020, 432, 3714-3721.	2.0	18
199	Electrical stimulation of the ventral tegmental area evokes sleepâ€like state transitions under urethane anaesthesia in the rat medial prefrontal cortex via dopamine D₁â€like receptors. European Journal of Neuroscience, 2020, 52, 2915-2930.	1.2	11
200	Striatal dopaminergic dysregulation and dystonia-like movements induced by sensorimotor stress in a pharmacological mouse model of rapid-onset dystonia-parkinsonism. Experimental Neurology, 2020, 323, 113109.	2.0	8

#	Article	IF	Citations
201	The novel antipsychotic cariprazine stabilizes gamma oscillations in rat hippocampal slices. British Journal of Pharmacology, 2020, 177, 1622-1634.	2.7	21
202	Antidepressant effects of ketamine on depression-related phenotypes and dopamine dysfunction in rodent models of stress. Behavioural Brain Research, 2020, 379, 112367.	1.2	48
203	Pharmacogenomics of bipolar disorder. , 2020, , 393-402.		2
204	An evaluation of lumateperone tosylate for the treatment of schizophrenia. Expert Opinion on Pharmacotherapy, 2020, 21, 139-145.	0.9	23
205	High-Order Feature Learning for Multi-Atlas Based Label Fusion: Application to Brain Segmentation With MRI. IEEE Transactions on Image Processing, 2020, 29, 2702-2713.	6.0	30
206	Dietary Fatty Acids and Microbiota-Brain Communication in Neuropsychiatric Diseases. Biomolecules, 2020, 10, 12.	1.8	28
207	DRG2 Deficient Mice Exhibit Impaired Motor Behaviors with Reduced Striatal Dopamine Release. International Journal of Molecular Sciences, 2020, 21, 60.	1.8	10
208	Cerebral Glutamate and Gamma-Aminobutyric Acid Levels in Individuals at Ultra-high Risk for Psychosis and the Association With Clinical Symptoms and Cognition. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2020, 5, 569-579.	1.1	12
209	Interaction of Cannabis Use Disorder and Striatal Connectivity in Antipsychotic Treatment Response. Schizophrenia Bulletin Open, 2020, 1, sgaa014.	0.9	5
210	Chemogenetic Manipulation of Dopamine Neurons Dictates Cocaine Potency at Distal Dopamine Transporters. Journal of Neuroscience, 2020, 40, 8767-8779.	1.7	12
211	Depression and Cardiovascular Disease: The Viewpoint of Platelets. International Journal of Molecular Sciences, 2020, 21, 7560.	1.8	27
212	Cognitive Fatigue Effects on Physical Performance: The Role of Interoception. Sports Medicine, 2020, 50, 1703-1708.	3.1	34
213	Depressive Symptoms in Middle-Aged and Elderly Women Are Associated with a Low Intake of Vitamin B6: A Cross-Sectional Study. Nutrients, 2020, 12, 3437.	1.7	10
214	In Vitro Effect and Mechanism of Action of Ergot Alkaloid Dihydroergocristine in Chemoresistant Prostate Cancer Cells. Anticancer Research, 2020, 40, 6051-6062.	0.5	3
215	Validation of a Reversed Phase UPLC-MS/MS Method to Determine Dopamine Metabolites and Oxidation Intermediates in Neuronal Differentiated SH-SY5Y Cells and Brain Tissue. ACS Chemical Neuroscience, 2020, 11, 2679-2687.	1.7	8
216	The genetic architecture of human brainstem structures and their involvement in common brain disorders. Nature Communications, 2020, 11, 4016.	5.8	26
217	Dysregulation of Midbrain Dopamine System and the Pathophysiology of Schizophrenia. Frontiers in Psychiatry, 2020, 11, 613.	1.3	70
218	In vitro and in vivo characterization of Lu AA41178: A novel, brain penetrant, pan-selective Kv7 potassium channel opener with efficacy in preclinical models of epileptic seizures and psychiatric disorders. European Journal of Pharmacology, 2020, 887, 173440.	1.7	12

#	Article	IF	Citations
219	Flexible micro-sensors with self-assembled graphene on a polyolefin substrate for dopamine detection. Biosensors and Bioelectronics, 2020, 167, 112473.	5.3	43
220	Microfluidic Electrochemical Sensor for Cerebrospinal Fluid and Blood Dopamine Detection in a Mouse Model of Parkinsonâ€™s Disease. Analytical Chemistry, 2020, 92, 12347-12355.	3.2	68
221	Molecular Biological Aspects of Depressive Disorders: A Modern View. Molecular Biology, 2020, 54, 639-660.	0.4	7
222	Impaired brain glucose metabolism and presynaptic dopaminergic functioning in a mouse model of schizophrenia. EJNMMI Research, 2020, 10, 39.	1.1	5
223	Traditional Chinese Medicine Jiuwei Zhenxin Granules in Treating Depression: An Overview . Neuropsychiatric Disease and Treatment, 2020, Volume 16, 2237-2255.	1.0	2
224	Evaluation of electrochemical methods for tonic dopamine detection inÂvivo. TrAC - Trends in Analytical Chemistry, 2020, 132, 116049.	5.8	31
225	Characterization of dopamine D2 receptor binding, expression and signaling in different brain regions of control and schizophrenia-model Wisket rats. Brain Research, 2020, 1748, 147074.	1.1	10
226	Mesenchymal stem cells derived extracellular vesicles improve behavioral and biochemical deficits in a phencyclidine model of schizophrenia. Translational Psychiatry, 2020, 10, 305.	2.4	32
227	Dim Light at Night Induced Neurodegeneration and Ameliorative Effect of Curcumin. Cells, 2020, 9, 2093.	1.8	23
228	Nasal respiration is necessary for ketamine-dependent high frequency network oscillations and behavioral hyperactivity in rats. Scientific Reports, 2020, 10, 18981.	1.6	6
229	Role of Nuclear Imaging to Understand the Neural Substrates of Brain Disorders in Laboratory Animals: Current Status and Future Prospects. Frontiers in Behavioral Neuroscience, 2020, 14, 596509.	1.0	8
230	In vivo patch-clamp recordings reveal distinct subthreshold signatures and threshold dynamics of midbrain dopamine neurons. Nature Communications, 2020, 11, 6286.	5.8	26
231	Antioxidant Properties of Second-Generation Antipsychotics: Focus on Microglia. Pharmaceuticals, 2020, 13, 457.	1.7	33
232	Nucleus Accumbens Tac1-Expressing Neurons Mediate Stress-Induced Anhedonia-like Behavior in Mice. Cell Reports, 2020, 33, 108343.	2.9	13
233	Vitamin D polygenic score is associated with neuroticism and the general psychopathology factor. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2020, 100, 109912.	2.5	7
234	Reproducing the dopamine pathophysiology of schizophrenia and approaches to ameliorate it: a translational imaging study with ketamine. Molecular Psychiatry, 2021, 26, 2562-2576.	4.1	60
235	Psycho-Neuroendocrine-Immune Interactions in COVID-19: Potential Impacts on Mental Health. Frontiers in Immunology, 2020, 11, 1170.	2.2	101
236	Nanoscopic Visualization of Restricted Nonvolume Cholinergic and Monoaminergic Transmission with Genetically Encoded Sensors. Nano Letters, 2020, 20, 4073-4083.	4.5	18

#	Article	IF	Citations
237	Associations of different types of dairy intakes with depressive symptoms in adults. Journal of Affective Disorders, 2020, 274, 326-333.	2.0	13
238	Beneficial effects of physical activity on depressive and OCD-like behaviors in the male offspring of morphine-abstinent rats. Brain Research, 2020, 1744, 146908.	1.1	5
239	Psychosis risk is associated with decreased white matter integrity in limbic network corticostriatal tracts. Psychiatry Research - Neuroimaging, 2020, 301, 111089.	0.9	3
240	Fine structure analysis of perineuronal nets in the ketamine model of schizophrenia. European Journal of Neuroscience, 2021, 53, 3988-4004.	1.2	20
241	The generation of midbrain dopaminergic neurons. , 2020, , 369-398.		5
242	Negative Effects of Latent Toxoplasmosis on Mental Health. Frontiers in Psychiatry, 2019, 10, 1012.	1.3	40
243	Baseline-dependent effect of dopamineâ€™s precursor L-tyrosine on working memory gating but not updating. Cognitive, Affective and Behavioral Neuroscience, 2020, 20, 521-535.	1.0	11
244	Identification of a functional human-unique 351-bp Alu insertion polymorphism associated with major depressive disorder in the 1p31.1 GWAS risk loci. Neuropsychopharmacology, 2020, 45, 1196-1206.	2.8	17
245	Dissociable roles of ventral pallidum neurons in the basal ganglia reinforcement learning network. Nature Neuroscience, 2020, 23, 556-564.	7.1	29
246	Neurochemical models of psychosis risk and onset. , 2020, , 229-247.		0
247	Alterations of Astrocytes in the Context of Schizophrenic Dementia. Frontiers in Pharmacology, 2019, 10, 1612.	1.6	52
248	The Effect of Chronic Methamphetamine Treatment on Schizophrenia Endophenotypes in Heterozygous Reelin Mice: Implications for Schizophrenia. Biomolecules, 2020, 10, 940.	1.8	5
249	The preclinical discovery and development of agomelatine for the treatment of depression. Expert Opinion on Drug Discovery, 2020, 15, 1121-1132.	2.5	18
250	Dopamine Receptor Subtypes, Physiology and Pharmacology: New Ligands and Concepts in Schizophrenia. Frontiers in Pharmacology, 2020, 11, 1003.	1.6	136
251	Microbiomeâ€skinâ€brain axis: A novel paradigm for cutaneous wounds. Wound Repair and Regeneration, 2020, 28, 282-292.	1.5	12
252	Electrical stimulation of cranial nerves in cognition and disease. Brain Stimulation, 2020, 13, 717-750.	0.7	82
253	Cortical and Striatal Circuits in Huntingtonâ€™s Disease. Frontiers in Neuroscience, 2020, 14, 82.	1.4	64
254	G-Protein-Coupled Receptors in CNS: A Potential Therapeutic Target for Intervention in Neurodegenerative Disorders and Associated Cognitive Deficits. Cells, 2020, 9, 506.	1.8	59

#	Article	IF	Citations
255	Overlap in the neural circuitry and molecular mechanisms underlying ketamine abuse and its use as an antidepressant. Behavioural Brain Research, 2020, 384, 112548.	1.2	37
256	Neurometabolic correlates of 6 and 16 weeks of treatment with risperidone in medication-naive first-episode psychosis patients. Translational Psychiatry, 2020, 10, 15.	2.4	13
257	A chromosomal connectome for psychiatric and metabolic risk variants in adult dopaminergic neurons. Genome Medicine, 2020, 12, 19.	3.6	31
258	Retinoic acid and depressive disorders: Evidence and possible neurobiological mechanisms. Neuroscience and Biobehavioral Reviews, 2020, 112, 376-391.	2.9	20
259	Synthesis of new 4-butyl-arylpiperazine-3-(1H-indol-3-yl)pyrrolidine-2,5-dione derivatives and evaluation for their 5-HT1A and D2 receptor affinity and serotonin transporter inhibition. Bioorganic Chemistry, 2020, 97, 103662.	2.0	11
260	Evaluation on Efficacy of Psychological and Behavioral Intercession and Its Implications on People with Schizophrenia: A Novel Approach. Community Mental Health Journal, 2020, 56, 1103-1109.	1.1	0
261	How people decide what they want to know. Nature Human Behaviour, 2020, 4, 14-19.	6.2	168
262	Rethinking Schizophrenia and Depression Comorbidity as One Psychiatric Disorder Entity: Evidence From Mouse Model. Frontiers in Neuroscience, 2020, 14, 115.	1.4	12
264	Anterior Cingulate Cortex Implants for Alcohol Addiction: A Feasibility Study. Neurotherapeutics, 2020, 17, 1287-1299.	2.1	12
265	Adaptations in reward-related behaviors and mesolimbic dopamine function during motherhood and the postpartum period. Frontiers in Neuroendocrinology, 2020, 57, 100839.	2.5	24
266	Potential role of insulin on the pathogenesis of depression. Cell Proliferation, 2020, 53, e12806.	2.4	33
267	Contingent Negative Variation Blunting and Psychomotor Dysfunction in Schizophrenia: A Systematic Review. Schizophrenia Bulletin, 2020, 46, 1144-1154.	2.3	11
268	From apathy to addiction: Insights from neurology and psychiatry. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2020, 101, 109926.	2.5	21
269	Intakes of Specific Categories of Vegetables and Fruits Are Inversely Associated With Depressive Symptoms Among Adults. Journal of Epidemiology, 2021, 31, 210-219.	1.1	9
270	Neurodevelopmental insights into circuit dysconnectivity in schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 104, 110047.	2.5	11
271	A multivariate analysis of the association between corticostriatal functional connectivity and psychosis-like experiences in the general community. Psychiatry Research - Neuroimaging, 2021, 307, 111202.	0.9	8
272	Prepubertal Environment Enrichment Prevents Psychosis-Related Dopamine Dysregulation in a Neurodevelopmental Model for Schizophrenia. Biological Psychiatry, 2021, 89, 212-214.	0.7	2
273	Emerging therapeutic targets for schizophrenia: a framework for novel treatment strategies for psychosis. Expert Opinion on Therapeutic Targets, 2021, 25, 15-26.	1.5	14

#	Article	IF	Citations
274	Genetic and epigenetic architecture of Obsessive-Compulsive Disorder: In search of possible diagnostic and prognostic biomarkers. Journal of Psychiatric Research, 2021, 137, 554-571.	1.5	15
275	Differential associations of dopamine synthesis capacity with the dopamine transporter and D2 receptor availability as assessed by PET in the living human brain. NeuroImage, 2021, 226, 117543.	2.1	9
276	Nature and nurture? A review of the literature on childhood maltreatment and genetic factors in the pathogenesis of borderline personality disorder. Journal of Psychiatric Research, 2021, 137, 131-146.	1.5	7
277	Ursolic acid ameliorates stress and reactive oxygen species in C. elegans knockout mutants by the dopamine Dop1 and Dop3 receptors. Phytomedicine, 2021, 81, 153439.	2.3	11
278	Psychedelics in Psychiatry: Neuroplastic, Immunomodulatory, and Neurotransmitter Mechanisms. Pharmacological Reviews, 2021, 73, 202-277.	7.1	110
279	Neuromodulation of the mind-wandering brain state: the interaction between neuromodulatory tone, sharp wave-ripples and spontaneous thought. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20190699.	1.8	21
280	High schizotypy traits are associated with reduced hippocampal resting state functional connectivity. Psychiatry Research - Neuroimaging, 2021, 307, 111215.	0.9	5
281	A review of the pharmacology and clinical profile of lumateperone for the treatment of schizophrenia. Advances in Pharmacology, 2021, 90, 253-276.	1.2	16
282	Prepubertal Environmental Enrichment Prevents Dopamine Dysregulation and Hippocampal Hyperactivity in MAM Schizophrenia Model Rats. Biological Psychiatry, 2021, 89, 298-307.	0.7	27
283	Links Between Human and Animal Models of Trauma and Psychosis: A Narrative Review. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2021, 6, 154-165.	1.1	1
284	Mesolimbic dopamine dysregulation as a signature of information processing deficits imposed by prenatal THC exposure. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 105, 110128.	2.5	20
285	The epistatic interaction between the dopamine D3 receptor and dysbindin-1 modulates higher-order cognitive functions in mice and humans. Molecular Psychiatry, 2021, 26, 1272-1285.	4.1	37
286	Influence of cytochrome P450 2D6 polymorphism on hippocampal white matter and treatment response in schizophrenia. NPJ Schizophrenia, 2021, 7, 5.	2.0	4
287	Efficacy, Safety, and Tolerability of Ansofaxine (Ly03005) Extended-Release Tablet for Major Depressive Disorder: A Randomized, Double-Blind, Placebo Controlled, Dose-Finding, Phase 2 Clinical Trial. SSRN Electronic Journal, 0, , .	0.4	0
288	Structural connectivity of the human massa intermedia: A probabilistic tractography study. Human Brain Mapping, 2021, 42, 1794-1804.	1.9	6
289	Current Evidence on the Role of the Gut Microbiome in ADHD Pathophysiology and Therapeutic Implications. Nutrients, 2021, 13, 249.	1.7	56
290	Increased Risk of Parkinson's Disease in Patients With Schizophrenia Spectrum Disorders. Movement Disorders, 2021, 36, 1353-1361.	2.2	23
291	Neural mapping of anhedonia across psychiatric diagnoses: A transdiagnostic neuroimaging analysis. NeuroImage: Clinical, 2021, 32, 102825.	1.4	14

#	Article	IF	Citations
292	Molecular mechanisms of neurodegeneration in neuropsychiatric diseases. , 2021, , 149-180.		0
293	Monoaminergic system and antidepressants. , 2021, , 345-355.		2
294	The influence of maternal high-fat diet consumption on neurobehavioral development. , 2021, , 593-606.		0
295	Increased novelty-induced locomotion, sensitivity to amphetamine, and extracellular dopamine in striatum of Zdhhc15-deficient mice. Translational Psychiatry, 2021, 11, 65.	2.4	12
296	The Property-Based Practical Applications and Solutions of Genetically Encoded Acetylcholine and Monoamine Sensors. Journal of Neuroscience, 2021, 41, 2318-2328.	1.7	6
297	Schizophrenia: Complement Cleaning or Killing. Genes, 2021, 12, 259.	1.0	6
299	Effects of D2 dopamine receptor activation in the ventral pallidum on sensory gating and food-motivated learning in control and schizophrenia model (Wisket) rats. Behavioural Brain Research, 2021, 400, 113047.	1.2	0
300	Dysregulation of brain dopamine systems in major depressive disorder. Experimental Biology and Medicine, 2021, 246, 1084-1093.	1.1	27
301	Acute stress impairs reward learning in men. Brain and Cognition, 2021, 147, 105657.	0.8	10
303	Discovering the Lost Reward: Critical Locations for Endocannabinoid Modulation of the Corticoâ€“Striatal Loop That Are Implicated in Major Depression. International Journal of Molecular Sciences, 2021, 22, 1867.	1.8	5
305	Hippocampal monoamine changes in the Flinders sensitive line rat: A case for the possible use of selective Î±2C-AR-antagonists in stress and anxiety disorders in companion animals. Research in Veterinary Science, 2021, 135, 175-183.	0.9	2
307	Increased Stress Resistance and Lifespan in Chaenorhabditis elegans Wildtype and Knockout Mutantsâ€”Implications for Depression Treatment by Medicinal Herbs. Molecules, 2021, 26, 1827.	1.7	5
308	Solid-phase microextraction integrated nanobiosensors for the serial detection of cytoplasmic dopamine in a single living cell. Biosensors and Bioelectronics, 2021, 175, 112915.	5.3	22
309	Problem Gambling Associated with Aripiprazole: A Nested Case-Control Study in a First-Episode Psychosis Program. CNS Drugs, 2021, 35, 461-468.	2.7	13
310	Association Between Serum Insulin-Like Growth Factor 1 Levels and the Clinical Symptoms of Chronic Schizophrenia: Preliminary Findings. Frontiers in Psychiatry, 2021, 12, 653802.	1.3	8
311	Astroglial glutamate transporter 1 and glutamine synthetase of the nucleus accumbens are involved in the antidepressant-like effects of allopregnanolone in learned helplessness rats. Behavioural Brain Research, 2021, 401, 113092.	1.2	3
312	The role of dopamine receptors in lymphocytes and their changes in schizophrenia. Brain, Behavior, & Immunity - Health, 2021, 12, 100199.	1.3	13
313	Psychological stresses among Chinese university students during the COVID-19 epidemic: The effect of early life adversity on emotional distress. Journal of Affective Disorders, 2021, 282, 33-38.	2.0	31

#	Article	IF	Citations
314	Naturalistic and Uncontrolled Pilot Study on the Efficacy of Vortioxetine in Binge Eating Disorder With Comorbid Depression. Frontiers in Psychiatry, 2021, 12, 635502.	1.3	5
315	Perinatal Dietary Polyunsaturated Fatty Acids in Brain Development, Role in Neurodevelopmental Disorders. Nutrients, 2021, 13, 1185.	1.7	52
316	Exercise Ameliorates Fluoride-induced Anxiety- and Depression-like Behavior in Mice: Role of GABA. Biological Trace Element Research, 2022, 200, 678-688.	1.9	13
317	Spatial and temporal scales of dopamine transmission. Nature Reviews Neuroscience, 2021, 22, 345-358.	4.9	136
318	Attenuated dopamine signaling after aversive learning is restored by ketamine to rescue escape actions. ELife, 2021, 10, .	2.8	28
319	The Interplay Between Postsynaptic Striatal D2/3 Receptor Availability, Adversity Exposure and Odd Beliefs: A [11C]-Raclopride PET Study. Schizophrenia Bulletin, 2021, 47, 1495-1508.	2.3	3
320	Anterior hippocampal dysfunction in early psychosis: a 2-year follow-up study. Psychological Medicine, 2023, 53, 160-169.	2.7	3
321	Beyond Dopamine Receptor Antagonism: New Targets for Schizophrenia Treatment and Prevention. International Journal of Molecular Sciences, 2021, 22, 4467.	1.8	27
322	A New Paradigm for Training Hyperactive Dopamine Transporter Knockout Rats: Influence of Novel Stimuli on Object Recognition. Frontiers in Behavioral Neuroscience, 2021, 15, 654469.	1.0	8
323	Genetic diversity of the North African population revealed by the typing of SNPs in the DRD2/ANKK1 genomic region. Gene, 2021, 777, 145466.	1.0	2
325	Susceptibility to chronic immobilization stressâ€induced depressive-like behaviour in middleâ€aged female mice and accompanying changes in dopamine D1 and GABAA receptors in related brain regions. Behavioral and Brain Functions, 2021, 17, 2.	1.4	10
326	Resting-state dopaminergic cell firing in the ventral tegmental area negatively regulates affiliative social interactions in a developmental animal model of schizophrenia. Translational Psychiatry, 2021, 11, 236.	2.4	14
327	Construction of polydopamine-coated three-dimensional graphene-based conductive network platform for amperometric detection of dopamine. Journal of Electroanalytical Chemistry, 2021, 886, 115133.	1.9	16
328	Cognitive performance and lifetime cannabis use in patients with first-episode schizophrenia spectrum disorder. Cognitive Neuropsychiatry, 2021, 26, 257-272.	0.7	6
329	The Role of the Microbiome-Gut-Brain Axis in Schizophrenia and Clozapine-Induced Weight Gain. Biological Psychiatry, 2021, 89, S342.	0.7	0
330	Interactions between hippocampal activity and striatal dopamine in people at clinical high risk for psychosis: relationship to adverse outcomes. Neuropsychopharmacology, 2021, 46, 1468-1474.	2.8	25
333	Task-Dependent Effects of SKF83959 on Operant Behaviors Associated With Distinct Changes of CaMKII Signaling in Striatal Subareas. International Journal of Neuropsychopharmacology, 2021, 24, 721-733.	1.0	3
334	Impact of Fatty Acid-Binding Proteins in Î±-Synuclein-Induced Mitochondrial Injury in Synucleinopathy. Biomedicines, 2021, 9, 560.	1.4	9

#	Article	IF	Citations
335	Thyroid axis activity and dopamine function in depression. Psychoneuroendocrinology, 2021, 128, 105219.	1.3	9
336	Perinatal iron deficiency as an early risk factor for schizophrenia. Nutritional Neuroscience, 2022, 25, 2218-2227.	1.5	8
337	Capturing the Effects of Domestication on Vocal Learning Complexity. Trends in Cognitive Sciences, 2021, 25, 462-474.	4.0	7
338	Reduced cortical GABA and glutamate in high schizotypy. Psychopharmacology, 2021, 238, 2459-2470.	1.5	6
339	Brain-specific heterozygous loss-of-function of ATP2A2, endoplasmic reticulum Ca2+ pump responsible for Darierâ€™s disease, causes behavioral abnormalities and a hyper-dopaminergic state. Human Molecular Genetics, 2021, 30, 1762-1772.	1.4	18
340	Comparative Proteomic Characterization of Ventral Hippocampus in Susceptible and Resilient Rats Subjected to Chronic Unpredictable Stress. Frontiers in Neuroscience, 2021, 15, 675430.	1.4	4
341	Thalamic reticular nucleus impairments and abnormal prefrontal control of dopamine system in a developmental model of schizophrenia: prevention by N-acetylcysteine. Molecular Psychiatry, 2021, 26, 7679-7689.	4.1	18
342	Alexithymia is associated with reduced vitamin D levels, but not polymorphisms of the vitamin D binding-protein gene. Psychiatric Genetics, 2021, Publish Ahead of Print, 126-134.	0.6	2
343	Reduced resting state functional connectivity in the hippocampus-midbrain-striatum network of schizophrenia patients. Journal of Psychiatric Research, 2021, 138, 83-88.	1.5	14
344	Aberrant maturation and connectivity of prefrontal cortex in schizophreniaâ€”contribution of NMDA receptor development and hypofunction. Molecular Psychiatry, 2022, 27, 731-743.	4.1	30
345	Mapping brain-behavior space relationships along the psychosis spectrum. ELife, 2021, 10, .	2.8	21
346	Allopregnanolone in mood disorders: Mechanism and therapeutic development. Pharmacological Research, 2021, 169, 105682.	3.1	26
347	Motor Abnormalities, Depression Risk, and Clinical Course in Adolescence. Biological Psychiatry Global Open Science, 2022, 2, 61-69.	1.0	13
348	Ventral Striatalâ€“Hippocampus Coupling During Reward Processing as a Stratification Biomarker for Psychotic Disorders. Biological Psychiatry, 2022, 91, 216-225.	0.7	10
349	TAAR1-Dependent and -Independent Actions of Tyramine in Interaction With Glutamate Underlie Central Effects of Monoamine Oxidase Inhibition. Biological Psychiatry, 2021, 90, 16-27.	0.7	9
350	Membrane Nanoscopic Organization of D2L Dopamine Receptor Probed by Quantum Dot Tracking. Membranes, 2021, 11, 578.	1.4	3
351	Cocaine-Induced Changes in Tonic Dopamine Concentrations Measured Using Multiple-Cyclic Square Wave Voltammetry in vivo. Frontiers in Pharmacology, 2021, 12, 705254.	1.6	17
352	Ketamine's schizophrenia-like effects are prevented by targeting PTP1B. Neurobiology of Disease, 2021, 155, 105397.	2.1	11

#	Article	IF	Citations
353	Impaired neural replay of inferred relationships in schizophrenia. Cell, 2021, 184, 4315-4328.e17.	13.5	42
354	Hyperactive delirium in patients after non-traumatic subarachnoid hemorrhage. Journal of Critical Care, 2021, 64, 45-52.	1.0	6
355	A New Look on an Old Issue: Comprehensive Review of Neurotransmitter Studies in Cerebrospinal Fluid of Patients with Schizophrenia and Antipsychotic Effect on Monoamine's Metabolism. Clinical Psychopharmacology and Neuroscience, 2021, 19, 395-410.	0.9	3
356	Sex Difference in Comorbid Depression in First-Episode and Drug-Naive Patients With Schizophrenia: Baseline Results From the Depression in Schizophrenia in China Study. Psychosomatic Medicine, 2021, 83, 1082-1088.	1.3	6
357	Nanocarriers based oral lymphatic drug targeting: Strategic bioavailability enhancement approaches. Journal of Drug Delivery Science and Technology, 2021, 64, 102585.	1.4	14
358	Anxiety and Depression in Patients with Primary Biliary Cholangitis: Current Insights and Impact on Quality of Life. Hepatic Medicine: Evidence and Research, 2021, Volume 13, 83-92.	0.9	7
359	Cellular Models in Schizophrenia Research. International Journal of Molecular Sciences, 2021, 22, 8518.	1.8	7
360	N-methyl-D-aspartate receptor availability in first-episode psychosis: a PET-MR brain imaging study. Translational Psychiatry, 2021, 11, 425.	2.4	14
361	Screen-printed analytical strip constructed with bacteria-templated porous N-doped carbon nanorods/Au nanoparticles for sensitive electrochemical detection of dopamine molecules. Biosensors and Bioelectronics, 2021, 186, 113303.	5.3	34
362	Antidepressant Drugs Effects on Blood Pressure. Frontiers in Cardiovascular Medicine, 2021, 8, 704281.	1.1	31
363	Electrosynthesized Poly(o-aminophenol) Films as Biomimetic Coatings for Dopamine Detection on Pt Substrates. Chemosensors, 2021, 9, 280.	1.8	5
364	GPCR oligomerization as a target for antidepressants: Focus on GPR39. , 2021, 225, 107842.		7
365	Functional Connectivity in Antipsychotic-Treated and Antipsychotic-Naive Patients With First-Episode Psychosis and Low Risk of Self-harm or Aggression. JAMA Psychiatry, 2021, 78, 994.	6.0	40
366	Mental Health in COVID-2019 Survivors from a General Hospital in Peru: Sociodemographic, Clinical, and Inflammatory Variable Associations. International Journal of Mental Health and Addiction, 2023, 21, 1264-1285.	4.4	9
367	Glutamatergic and GABAergic metabolite levels in schizophrenia-spectrum disorders: a meta-analysis of 1H-magnetic resonance spectroscopy studies. Molecular Psychiatry, 2022, 27, 744-757.	4.1	60
368	The prediction-error hypothesis of schizophrenia: new data point to circuit-specific changes in dopamine activity. Neuropsychopharmacology, 2022, 47, 628-640.	2.8	29
369	Localized and Surface Plasmons Coupling for Ultrasensitive Dopamine Detection by means of SPRâ€Based Perylene Bisimide/Au Nanostructures Thin Film. Advanced Materials Interfaces, 2021, 8, 2101023.	1.9	8
370	Neuroepigenetics of psychiatric disorders: Focus on lncRNA. Neurochemistry International, 2021, 149, 105140.	1.9	8

#	Article	IF	Citations
371	Cobalt-decorated 3D hybrid nanozyme: A catalytic amplification platform with intrinsic oxidase-like activity. Electrochimica Acta, 2021, 395, 139197.	2.6	21
372	Mitophagy in depression: Pathophysiology and treatment targets. Mitochondrion, 2021, 61, 1-10.	1.6	23
373	Resting state functional connectivity subtypes predict discrete patterns of cognitive-affective functioning across levels of analysis among patients with treatment-resistant depression. Behaviour Research and Therapy, 2021, 146, 103960.	1.6	6
374	Gestational urinary tract infections and the risk of antenatal and postnatal depressive and anxiety symptoms: A longitudinal population-based study. Journal of Psychosomatic Research, 2021, 150, 110600.	1.2	0
375	Alteration of power law scaling of spontaneous brain activity in schizophrenia. Schizophrenia Research, 2021, 238, 10-19.	1.1	5
376	Neuropeptidases in Psychiatric Disorders. , 2022, , 283-292.		0
377	Characterisation of methylphenidate-induced excitation in midbrain dopamine neurons, an electrophysiological study in the rat brain. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2022, 112, 110406.	2.5	3
378	A Novel Nitrogen-Doped Dual-Emission Carbon Dots as an Effective Fluorescent Probe for Ratiometric Detection Dopamine. Nano, 2021, 16, 2150030.	0.5	3
379	Neurotransmitters and Hormones in Human Decision-Making. , 2021, , 149-167.		0
380	Effects of long-term antibiotic treatment on mice urinary aromatic amino acid profiles. Bioscience Reports, 2021, 41, .	1.1	5
381	Disturbed Brain Networks in the Psychosis High-Risk State?. , 2021, , 217-238.		1
382	Circadian Clocks, Stress, and Psychiatric Disorders. , 2021, , 95-108.		1
383	A Computational Hypothesis on How Serotonin Regulates Catecholamines in the Pathogenesis of Depressive Apathy. Springer Series in Cognitive and Neural Systems, 2019, , 127-134.	0.1	2
384	Chronic stress, structural exposures and neurobiological mechanisms: A stimulation, discrepancy and deprivation model of psychosis. International Review of Neurobiology, 2020, 152, 41-69.	0.9	24
385	Chronic high-fat diet affects food-motivated behavior and hedonic systems in the nucleus accumbens of male rats. Appetite, 2020, 153, 104739.	1.8	30
386	Antidepressant-like effect of hydroalcoholic extract from barks of Rapanea ferruginea: Role of monoaminergic system and effect of its isolated compounds myrsinoic acid A and B. Behavioural Brain Research, 2020, 389, 112601.	1.2	2
387	Deficit in working memory and abnormal behavioral tactics in dopamine transporter knockout rats during training in the 8-arm maze. Behavioural Brain Research, 2020, 390, 112642.	1.2	22
388	Altered dopamine D3 receptor gene expression in MAM model of schizophrenia is reversed by peripubertal cannabidiol treatment. Biochemical Pharmacology, 2020, 177, 114004.	2.0	36

#	Article	IF	Citations
389	Prelimbic medial prefrontal cortex disruption during adolescence increases susceptibility to helpless behavior in adult rats. European Neuropsychopharmacology, 2020, 35, 111-125.	0.3	8
390	The gut microbiome and neuropsychiatric disorders: implications for attention deficit hyperactivity disorder (ADHD). Journal of Medical Microbiology, 2020, 69, 14-24.	0.7	40
398	A Neural Circuit Mechanism for the Involvements of Dopamine in Effort-Related Choices: Decay of Learned Values, Secondary Effects of Depletion, and Calculation of Temporal Difference Error. ENeuro, 2018, 5, ENEURO.0021-18.2018.	0.9	5
399	Sex-Specific Role for Dopamine Receptor D2 in Dorsal Raphe Serotonergic Neuron Modulation of Defensive Acoustic Startle and Dominance Behavior. ENeuro, 2020, 7, ENEURO.0202-20.2020.	0.9	7
400	Insights on Nutrients as Analgesics in Chronic Pain. Current Medicinal Chemistry, 2020, 27, 6407-6423.	1.2	4
401	Analysis of Polymorphic Variants of the Dopamine Transporter (DAT1) Gene Polymorphism and Personality Traits Among Athletes. Journal of Human Kinetics, 2020, 72, 79-89.	0.7	3
402	Axon morphology of rapid Golgi-stained pyramidal neurons in the prefrontal cortex in schizophrenia. Croatian Medical Journal, 2020, 61, 354-365.	0.2	8
403	Neuromodulation of Hippocampal-Prefrontal Cortical Synaptic Plasticity and Functional Connectivity: Implications for Neuropsychiatric Disorders. Frontiers in Cellular Neuroscience, 2021, 15, 732360.	1.8	27
404	Prolonged epigenomic and synaptic plasticity alterations following single exposure to a psychedelic in mice. Cell Reports, 2021, 37, 109836.	2.9	82
405	Epoxiconazole profoundly alters rat brain and properties of neural stem cells. Chemosphere, 2022, 288, 132640.	4.2	7
406	Bidirectional control of infant rat social behavior via dopaminergic innervation of the basolateral amygdala. Neuron, 2021, 109, 4018-4035.e7.	3.8	26
407	Psychiatric sequelae in COVID-19 survivors: A narrative review. World Journal of Psychiatry, 2021, 11, 821-829.	1.3	20
408	Revisiting tandem repeats in psychiatric disorders from perspectives of genetics, physiology, and brain evolution. Molecular Psychiatry, 2022, 27, 466-475.	4.1	14
409	Nicotine Administration Normalizes Behavioral and Neurophysiological Perturbations in the MAM Rodent Model of Schizophrenia. International Journal of Neuropsychopharmacology, 2021, 24, 979-987.	1.0	3
410	Postpartum scarcity-adversity disrupts maternal behavior and induces a hypodopaminergic state in the rat dam and adult female offspring. Neuropsychopharmacology, 2022, 47, 488-496.	2.8	14
411	A pair of dopamine neurons mediate chronic stress signals to induce learning deficit in Drosophila melanogaster. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	8
412	Central Nervous System Associated With Light Perception and Physiological Responses of Birds. Frontiers in Physiology, 2021, 12, 723454.	1.3	5
413	The Development of the Mesoprefrontal Dopaminergic System in Health and Disease. Frontiers in Neural Circuits, 2021, 15, 746582.	1.4	17

#	Article	IF	Citations
415	Spontaneous activity of dopamine neurons and its role in behavioral regulation. Hikaku Seiri Seikagaku(Comparative Physiology and Biochemistry), 2017, 34, 108-115.	0.0	0
417	Studying the Role of D 4 Receptors in Psychiatric Illnesses and Related Functions With L-745,870. , 2018, , .		0
418	Schizophrenia Spectrum and Other Psychotic Disorders. , 2018, , 205-216.		0
419	Transition of depression from childhood to adulthood: What causes it and how does it remains?. Engrami, 2018, 40, 40-53.	0.1	0
424	Neuroimaging of Neurotransmitter Alterations in Schizophrenia and Its Relevance for Negative Symptoms. , 2019, , 157-169.		0
428	Assessment of the tDCS Influence on Stress-Induced Disorders in Rats with Low Stress Sustainability and Endurance. Serbian Journal of Experimental and Clinical Research, 2019, 20, 207-214.	0.2	1
430	An Embodied Simulation Model of Irrational Beliefs: Embodied Irrational Beliefs. , 2020, , 105-137.		0
434	Elevated activity of plasma superoxide dismutase in never-treated first-episode schizophrenia patients: Associated with depressive symptoms. Schizophrenia Research, 2020, 222, 291-296.	1.1	5
435	Flexible sensor with electrophoretic polymerized graphene oxide/PEDOT:PSS composite for voltammetric determination of dopamine concentration. Scientific Reports, 2021, 11, 21101.	1.6	24
436	Acute stress blunts prediction error signals in the dorsal striatum during reinforcement learning. Neurobiology of Stress, 2021, 15, 100412.	1.9	5
438	Linking rotigotine, Parkinson's disease, and brain-derived neurotrophic factor. , 2020, , 221-232.		0
441	Embodying Rigid Motivational Appraisals. , 2020, , 81-104.		0
443	Efficacy, Safety, and Tolerability of Ansofaxine (LY03005) Extended-Release Tablet for Major Depressive Disorder: A Randomized, Double-Blind, Placebo-Controlled, Dose-Finding, Phase 2 Clinical Trial. International Journal of Neuropsychopharmacology, 2022, 25, 252-260.	1.0	13
446	Cariprazine in the management of negative symptoms of schizophrenia: stateÂofÂtheÂart and future perspectives. Future Neurology, 2020, 15, .	0.9	7
447	Functional Dysconnectivity in Ventral Striatocortical Systems in 22q11.2 Deletion Syndrome. Schizophrenia Bulletin, 2022, 48, 485-494.	2.3	2
448	Depression and Psychosis Risk Shared Vulnerability for Motor Signs Across Development, Symptom Dimensions, and Familial Risk. Schizophrenia Bulletin, 2022, 48, 752-762.	2.3	11
449	Dopamine, a co-regulatory component, bridges the central nervous system and the immune system. Biomedicine and Pharmacotherapy, 2022, 145, 112458.	2.5	15
451	Dynamic DNA Methylation Changes in the COMT Gene Promoter Region in Response to Mental Stress and Its Modulation by Transcranial Direct Current Stimulation. Biomolecules, 2021, 11, 1726.	1.8	6

#	Article	IF	Citations
452	DOPA Homeostasis by Dopamine: A Control-Theoretic View. International Journal of Molecular Sciences, 2021, 22, 12862.	1.8	10
453	Astrocytes in depression and Alzheimerâ€™s disease. Frontiers of Medicine, 2021, 15, 829-841.	1.5	16
454	Convergence of Clinically Relevant Manipulations on Dopamine-Regulated Prefrontal Activity Underlying Stress Coping Responses. Biological Psychiatry, 2022, 91, 810-820.	0.7	6
455	Trimetallic Ag@Pt-Rh core-shell nanocubes modified anode for voltammetric sensing of dopamine and sulfanilamide. Chemical Engineering Science, 2022, 249, 117326.	1.9	8
456	Long-Term Depression of Striatal DA Release Induced by mGluRs via Sustained Hyperactivity of Local Cholinergic Interneurons. Frontiers in Cellular Neuroscience, 2021, 15, 798464.	1.8	1
457	Integrated Network Pharmacology and GC-MSâ€“Based Metabolomics to Investigate the Effect of Xiang-Su Volatile Oil Against Menopausal Depression. Frontiers in Pharmacology, 2021, 12, 765638.	1.6	7
458	Pedunculo-pontine tegmentum cholinergic REM-ON neurons modulate ventral tegmental neurons to modulate rapid eye movement sleep in rats. Neuropharmacology, 2022, 206, 108940.	2.0	1
459	Confined electrochemiluminescence imaging microarray for high-throughput biosensing of single cell-released dopamine. Biosensors and Bioelectronics, 2022, 201, 113959.	5.3	24
460	Responses to positive affect and unique resting-state connectivity in individuals at clinical high-risk for psychosis. NeuroImage: Clinical, 2022, 33, 102946.	1.4	0
461	Pillar[5]arene-Based Fluorescent Sensor Array for Biosensing of Intracellular Multi-neurotransmitters through Hostâ€“Guest Recognitions. Journal of the American Chemical Society, 2022, 144, 2351-2359.	6.6	62
462	Frontostriatothalamic effective connectivity and dopaminergic function in the psychosis continuum. Brain, 2023, 146, 372-386.	3.7	15
463	Gluten: do only celiac patients benefit from its removal from the diet?. Food Reviews International, 2023, 39, 4388-4418.	4.3	1
464	Altered Ventral Striatumâ€“Hippocampus Connectivity During Reward Processing as an Endophenotype for Psychosis. Biological Psychiatry, 2022, 91, e7-e9.	0.7	3
466	Cocaine increases stimulation-evoked serotonin efflux in the nucleus accumbens. Journal of Neurophysiology, 2022, 127, 714-724.	0.9	9
467	Hippocampal Î±5-GABAA Receptors Modulate Dopamine Neuron Activity in the Rat Ventral Tegmental Area. Biological Psychiatry Global Open Science, 2023, 3, 78-86.	1.0	8
468	Ketamine as a therapeutic agent for depression and pain: mechanisms and evidence. Journal of the Neurological Sciences, 2022, 434, 120152.	0.3	11
469	Persistent luminescence nanoparticles/hierarchical porous ZIF-8 nanohybrids for autoluminescence-free detection of dopamine. Sensors and Actuators B: Chemical, 2022, 357, 131470.	4.0	8
470	Effect of Glucocorticoid and 11Î²-Hydroxysteroid-Dehydrogenase Type 1 (11Î²-HSD1) in Neurological and Psychiatric Disorders. International Journal of Neuropsychopharmacology, 2022, 25, 387-398.	1.0	4

#	Article	IF	Citations
471	Adaptation of Lipid Profiling in Depression Disease and Treatment: A Critical Review. International Journal of Molecular Sciences, 2022, 23, 2032.	1.8	12
472	Role of Microbiota-Gut-Brain Axis in Regulating Dopaminergic Signaling. Biomedicines, 2022, 10, 436.	1.4	71
473	Age, Sex, Body Mass Index, Diet and Menopause Related Metabolites in a Large Homogeneous Alpine Cohort. Metabolites, 2022, 12, 205.	1.3	18
474	Acute-Onset Psychosis Following Prolonged Hospitalization for COVID-19 Pneumonia. American Journal of Case Reports, 2022, 23, e936028.	0.3	0
475	Adult stress exposure blunts dopamine system hyperresponsivity in a neurodevelopmental rodent model of schizophrenia. NPJ Schizophrenia, 2022, 8, 30.	2.0	1
476	Glutamate levels across deep brain structures in patients with a psychotic disorder and its relation to cognitive functioning. Journal of Psychopharmacology, 2022, 36, 489-497.	2.0	2
478	Î²â€Hydroxybutyric acid attenuates heat stressâ€induced neuroinflammation via inhibiting TLR4/p38 MAPK and NFâ€ÎºB pathways in the hippocampus. FASEB Journal, 2022, 36, e22264.	0.2	9
479	A new aspect on the correlation of ten SNPs in MIR and their target genes in dopaminergic pathways in schizophrenia. Bulletin of the National Research Centre, 2022, 46, .	0.7	2
480	Antidepressant Drug Discovery and Development: Mechanism and Drug Design Based on Small Molecules. Advanced Therapeutics, 2022, 5, .	1.6	4
481	Opposite effects of stress on effortful motivation in high and low anxiety are mediated by CRHR1 in the VTA. Science Advances, 2022, 8, eabj9019.	4.7	17
482	Role of Medicinal Plants in Combating Anti-depressant Induced Male Infertility. Current Traditional Medicine, 2022, 8, .	0.1	0
483	Dopaminergic challenge dissociates learning from primary versus secondary sources of information. ELife, 2022, 11, .	2.8	10
484	Modulation of Spatial Memory Deficit and Hyperactivity in Dopamine Transporter Knockout Rats via Î±2A-Adrenoceptors. Frontiers in Psychiatry, 2022, 13, 851296.	1.3	6
486	Morinda officinalis oligosaccharides increase serotonin in the brain and ameliorate depression via promoting 5-hydroxytryptophan production in the gut microbiota. Acta Pharmaceutica Sinica B, 2022, 12, 3298-3312.	5.7	33
487	Use of prepubertal environment enrichment to prevent dopamine dysregulation in a neurodevelopmental rat model of schizophrenia risk. STAR Protocols, 2022, 3, 101215.	0.5	2
488	Structural and Functional Alterations of Substantia Nigra and Associations With Anxiety and Depressive Symptoms Following Traumatic Brain Injury. Frontiers in Neurology, 2022, 13, 719778.	1.1	2
489	Ketamine enhances dopamine D1 receptor expression by modulating microRNAs in a ketamine-induced schizophrenia-like mouse model. Neurotoxicology and Teratology, 2022, 91, 107079.	1.2	4
490	Photoelectrochemical sensor based on zinc phthalocyanine semiconducting polymer dots for ultrasensitive detection of dopamine. Sensors and Actuators B: Chemical, 2022, 360, 131619.	4.0	27

#	Article	IF	Citations
491	Visualization of differential GPCR crosstalk in DRD1-DRD2 heterodimer upon different dopamine levels. Progress in Neurobiology, 2022, 213, 102266.	2.8	8
492	High-Frequency Transcranial Magnetic Stimulation Combined With Functional Magnetic Resonance Imaging Reveals Distinct Activation Patterns Associated With Different Dorsolateral Prefrontal Cortex Stimulation Sites. Neuromodulation, 2022, , .	0.4	5
493	Dopaminergic dysfunction and excitatory/inhibitory imbalance in treatment-resistant schizophrenia and novel neuromodulatory treatment. Molecular Psychiatry, 2022, 27, 2950-2967.	4.1	44
494	Responsivity of the Striatal Dopamine System to Methylphenidateâ€"A Within-Subject I-123-Î²-CIT-SPECT Study in Male Children and Adolescents With Attention-Deficit/Hyperactivity Disorder. Frontiers in Psychiatry, 2022, 13, 804730.	1.3	4
495	Benzoresorcinol induces developmental neurotoxicity and injures exploratory, learning and memorizing abilities in zebrafish. Science of the Total Environment, 2022, 834, 155268.	3.9	11
496	Interaction between COMT Val¹⁵⁸Met polymorphism and childhood trauma predicts risk for depression in men. International Journal of Developmental Neuroscience, 2022, 82, 385-396.	0.7	2
505	Circadian Synchrony: Sleep, Nutrition, and Physical Activity.. Frontiers in Network Physiology, 2021, 1, .	0.8	1
506	Functionalized thiazolidone-decorated lanthanum-doped copper oxide: novel heterocyclic sea sponge morphology for the efficient detection of dopamine. RSC Advances, 2022, 12, 14439-14449.	1.7	7
507	Nucleus reuniens inactivation reverses stress-induced hypodopaminergic state and altered hippocampal-accumbens synaptic plasticity. Neuropsychopharmacology, 2022, 47, 1513-1522.	2.8	1
508	Dopamine Function and Hypothalamic-Pituitary-Thyroid Axis Activity in Major Depressed Patients with Suicidal Behavior. Brain Sciences, 2022, 12, 621.	1.1	7
509	Experiences of ethnic discrimination and COMT rs4680 polymorphism are associated with depressive symptoms in Latinx adults at risk for cardiovascular disease. Heart and Lung: Journal of Acute and Critical Care, 2022, 55, 77-81.	0.8	2
510	The Relationship Between 5-Hydroxytryptamine and Its Metabolite Changes With Post-stroke Depression. Frontiers in Psychiatry, 2022, 13, 871754.	1.3	9
511	A fluorescent nanosensor paint detects dopamine release at axonal varicosities with high spatiotemporal resolution. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	25
512	Neonatal ventral hippocampus lesion disrupts maternal behavior in rats: An animal model of schizophrenia. Developmental Psychobiology, 2022, 64, .	0.9	3
513	Analysis of the Underlying Mechanism of the Jiu Wei Zhen Xin Formula for Treating Generalized Anxiety Disorder Based on Network Pharmacology of Traditional Chinese Medicine. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-12.	0.5	2
514	Persimmon leaf extract alleviates chronic social defeat stress-induced depressive-like behaviors by preventing dendritic spine loss via inhibition of serotonin reuptake in mice. Chinese Medicine, 2022, 17, .	1.6	10
515	SPR-Based Sensor for the Early Detection or Monitoring of Kidney Problems. International Journal of Biomaterials, 2022, 2022, 1-12.	1.1	4
516	Biomolecular Effects of Dance and Dance/Movement Therapy: A Review. American Journal of Dance Therapy, 2022, 44, 241-263.	0.7	4

#	Article	IF	Citations
517	Analysis of ultradian rest-activity rhythms using locomotor activity in mice. Kosin Medical Journal, 0, , .	0.1	0
518	Brain injury, genotoxic damage and oxidative stress induced by Bromuconazole in male Wistar rats and in SH-SY5Y cell line. Biomarkers, 2022, 27, 599-607.	0.9	0
519	Integrating the Neurodevelopmental and Dopamine Hypotheses of Schizophrenia and the Role of Cortical Excitation-Inhibition Balance. Biological Psychiatry, 2022, 92, 501-513.	0.7	59
520	A single-cell survey unveils cellular heterogeneity and sensitive responses in mouse cortices induced by oral exposure to triphenyl phosphate. Archives of Toxicology, 2022, 96, 2545-2557.	1.9	1
521	Post-COVID-19 Depressive Symptoms: Epidemiology, Pathophysiology, and Pharmacological Treatment. CNS Drugs, 2022, 36, 681-702.	2.7	83
522	Electroconvulsive Therapy in Psychiatric Disorders: A Narrative Review Exploring Neuroendocrineâ€“Immune Therapeutic Mechanisms and Clinical Implications. International Journal of Molecular Sciences, 2022, 23, 6918.	1.8	6
523	MiR-4763-3p targeting RASD2as a Potential Biomarker and Therapeutic Target for Schizophrenia. , 2022, 13, 1278.		1
525	Melatonergic Receptors (Mt1/Mt2) as a Potential Additional Target of Novel Drugs for Depression. Neurochemical Research, 2022, 47, 2909-2924.	1.6	20
526	Advances in the Functions of Thioredoxin System in Central Nervous System Diseases. Antioxidants and Redox Signaling, 0, , .	2.5	4
527	Long Sleep: Is There Such Thing as Too Much of a Good Thing?. Current Sleep Medicine Reports, 2022, 8, 35-41.	0.7	2
528	Adjunctive dopaminergic enhancement of esketamine in treatment-resistant depression. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2022, 119, 110603.	2.5	1
529	Relationship Between Replay-Associated Ripples and Hippocampal N-Methyl-D-Aspartate Receptors: Preliminary Evidence From a PET-MEG Study in Schizophrenia. Schizophrenia Bulletin Open, 2022, 3, .	0.9	1
530	A mechanistic model of ADHD as resulting from dopamine phasic/tonic imbalance during reinforcement learning. Frontiers in Computational Neuroscience, 0, 16, .	1.2	4
531	Association of Plasma and Electroencephalography Markers With Motor Subtypes of Parkinsonâ€™s Disease. Frontiers in Aging Neuroscience, 0, 14, .	1.7	2
532	The Temporality of Aberrant Salience and Schizophrenia. Frontiers in Integrative Neuroscience, 0, 16, .	1.0	0
533	A novel aged mouse model of recurrent intracerebral hemorrhage in the bilateral striatum. Neural Regeneration Research, 2023, 18, 344.	1.6	0
534	Defining the interconnectivity of the medial prefrontal cortex and ventral midbrain. Frontiers in Molecular Neuroscience, 0, 15, .	1.4	7
535	Comorbid depressive symptoms can aggravate the functional changes of the pain matrix in patients with chronic back pain: A resting-state fMRI study. Frontiers in Aging Neuroscience, 0, 14, .	1.7	2

#	Article	IF	Citations
536	Oxytocin: An Old Hormone, a Novel Psychotropic Drug and its Possible Use in Treating Psychiatric Disorders. Current Medicinal Chemistry, 2022, 29, 5615-5687.	1.2	6
537	Flexible Glassy Carbon Multielectrode Array for In Vivo Multisite Detection of Tonic and Phasic Dopamine Concentrations. Biosensors, 2022, 12, 540.	2.3	12
538	Neurological and psychological effects of long COVID in a young population: A cross-sectional study. Frontiers in Neurology, 0, 13, .	1.1	11
539	Research progress on classical traditional chinese medicine formula xiaoyaosan in the treatment of depression. Frontiers in Pharmacology, 0, 13, .	1.6	8
541	Epidemiology of childhood trauma and its association with insomnia and psychotic-like experiences in Chinese Zhuang adolescents. Frontiers in Psychiatry, 0, 13, .	1.3	2
542	Levetiracetam Attenuates Adolescent Stress-induced Behavioral and Electrophysiological Changes Associated With Schizophrenia in Adult Rats. Schizophrenia Bulletin, 2023, 49, 68-77.	2.3	7
543	The association between depression and bone metabolism: a US nationally representative cross-sectional study. Archives of Osteoporosis, 2022, 17, .	1.0	4
544	A chemically mediated artificial neuron. Nature Electronics, 2022, 5, 586-595.	13.1	48
545	Using animal models for the studies of schizophrenia and depression: The value of translational models for treatment and prevention. Frontiers in Behavioral Neuroscience, 0, 16, .	1.0	10
546	Pathophysiological Mechanisms of Antipsychotic-Induced Parkinsonism. Biomedicines, 2022, 10, 2010.	1.4	9
548	Circuit-Based Approaches to Understanding Corticostriatothalamic Dysfunction Across the Psychosis Continuum. Biological Psychiatry, 2023, 93, 113-124.	0.7	9
549	Optogenetic modulation of glutamatergic afferents from the ventral subiculum to the nucleus accumbens: Effects on dopamine function, response vigor and locomotor activity. Behavioural Brain Research, 2022, 434, 114028.	1.2	4
550	Genetic similarities and differences among distinct definitions of depression. Psychiatry Research, 2022, 317, 114843.	1.7	3
551	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. Neuropharmacology, 2022, 220, 109239.	2.0	8
552	A â€œtraffic lightâ€•signal ratiometric fluorescence sensor for highly sensitive and selective detection of dopamine. Sensors and Actuators B: Chemical, 2022, 372, 132668.	4.0	2
553	The genetic influence of the DRD3 rs6280 polymorphism (Ser9Gly) on functional connectivity and gray matter volume of the hippocampus in patients with first-episode, drug-naÃ¯ve schizophrenia. Behavioural Brain Research, 2023, 437, 114124.	1.2	2
554	Plasticity of synapses and reward circuit function in the genesis and treatment of depression. Neuropsychopharmacology, 2023, 48, 90-103.	2.8	8
555	Ca2+-stimulated adenylyl cyclases as therapeutic targets for psychiatric and neurodevelopmental disorders. Frontiers in Pharmacology, 0, 13, .	1.6	2

#	Article	IF	Citations
556	The effect of AUT00206, a Kv3 potassium channel modulator, on dopamine synthesis capacity and the reliability of [¹⁸F]-FDOPA imaging in schizophrenia. Journal of Psychopharmacology, 2022, 36, 1061-1069.	2.0	3
557	Therapeutic potential of dietary flavonoid hyperoside against non-communicable diseases: targeting underlying properties of diseases. Critical Reviews in Food Science and Nutrition, 2024, 64, 1340-1370.	5.4	5
559	Neuropharmacological Effects of Terpenoids on Preclinical Animal Models of Psychiatric Disorders: A Review. Antioxidants, 2022, 11, 1834.	2.2	7
560	5-HTR2B and SLC6A3 as potential molecular targets of sertraline in the treatment of major depressive disorder: the use of bioinformatics and its practical implication. Network Modeling Analysis in Health Informatics and Bioinformatics, 2022, 11, .	1.2	0
561	New Atypical Antipsychotics in the Treatment of Schizophrenia and Depression. International Journal of Molecular Sciences, 2022, 23, 10624.	1.8	22
562	Software for near-real-time voltammetric tracking of tonic neurotransmitter levels in vivo. Frontiers in Neuroscience, 0, 16, .	1.4	0
563	Low frequency repetitive transcranial magnetic stimulation to the right dorsolateral prefrontal cortex engages thalamus, striatum, and the default mode network. Frontiers in Neuroscience, 0, 16, .	1.4	4
564	Systematic metabolic characterization of mental disorders reveals ageâ€related metabolic disturbances as potential risk factors for depression in older adults. MedComm, 2022, 3, .	3.1	2
565	Î²-Arrestin2-biased Drd2 agonist UNC9995 alleviates astrocyte inflammatory injury via interaction between Î²-arrestin2 and STAT3 in mouse model of depression. Journal of Neuroinflammation, 2022, 19, .	3.1	8
566	The nucleus accumbens dopamine increase, typically triggered by sexual stimuli in male rats, is no longer produced when animals are sexually inhibited due to sexual satiety. Psychopharmacology, 2022, 239, 3679-3695.	1.5	5
567	Effect of transcranial magnetic stimulation in combination with citalopram on patients with post-stroke depression. Frontiers in Human Neuroscience, 0, 16, .	1.0	2
568	Circadian Synchrony: Sleep, Nutrition, and Physical Activity. Frontiers in Network Physiology, 0, 1, .	0.8	16
569	Effects of Taurine in Mice and Zebrafish Behavioral Assays With Translational Relevance to Schizophrenia. International Journal of Neuropsychopharmacology, 2023, 26, 125-136.	1.0	3
570	Sex- and exposure age-dependent effects of adolescent stress on ventral tegmental area dopamine system and its afferent regulators. Molecular Psychiatry, 0, , .	4.1	3
571	Brain-Derived Neurotrophic Factor: A Novel Dynamically Regulated Therapeutic Modulator in Neurological Disorders. Neurochemical Research, 2023, 48, 317-339.	1.6	14
572	The Role of Vesicle Release and Synaptic Transmission in Depression. Neuroscience, 2022, 505, 171-185.	1.1	2
573	Traumatic Brain Injury Induced Secondary Psychosis in a Young African American Male. Cureus, 2022, , .	0.2	2
574	MAOA-uVNTR variations in schizophrenia: case and control study. Bulletin of the National Research Centre, 2022, 46, .	0.7	1

#	Article	IF	Citations
575	Single-cell transcriptional and functional analysis of dopaminergic neurons in organoid-like cultures derived from human fetal midbrain. Development (Cambridge), 2022, 149, .	1.2	8
576	Cognitive impairment in psychiatric diseases: Biomarkers of diagnosis, treatment, and prevention. Frontiers in Cellular Neuroscience, 0, 16, .	1.8	2
577	Plant-derived bioactive components regulate gut microbiota to prevent depression and depressive-related neurodegenerative diseases: Focus on neurotransmitters. Trends in Food Science and Technology, 2022, 129, 581-590.	7.8	3
578	Activation of ventral tegmental area dopaminergic neurons ameliorates anxiety-like behaviors in single prolonged stress-induced PTSD model rats. Neurochemistry International, 2022, 161, 105424.	1.9	1
579	The effect of selective nigrostriatal dopamine excess on behaviors linked to the cognitive and negative symptoms of schizophrenia. Neuropsychopharmacology, 2023, 48, 690-699.	2.8	5
581	Overexpression of transmembrane TNFÎ± in brain endothelial cells induces schizophrenia-relevant behaviors. Molecular Psychiatry, 2023, 28, 843-855.	4.1	3
582	Chemically Mediated Artificial Neuron. , 2022, , .		0
583	Polypyrrole enwrapped binary metal oxides nanostructures for in-vitro Dopamine detection from lacrimal fluid. Microchemical Journal, 2023, 185, 108254.	2.3	1
584	Predicting the efficacy of escitalopram in the treatment of depression through urinary proteome. International Journal of Mass Spectrometry, 2023, 484, 116980.	0.7	3
585	Disorders in the gut and liver are involved in depression contagion between isosexual post-stroke depression mice and the healthy cohabitors. Behavioural Brain Research, 2023, 439, 114246.	1.2	2
586	Screening of Schizophrenic Symptoms in Women Students of Engineering Careers: A Psychopedagogical Evaluation. , 2022, , .		0
589	Ultrastructural Study of Dopaminergic Axon Terminals. Neuromethods, 2023, , 3-29.	0.2	0
591	Mendelian Randomization Study Using Dopaminergic Neuron-Specific eQTL Identifies Novel Risk Genes for Schizophrenia. Molecular Neurobiology, 2023, 60, 1537-1546.	1.9	2
592	Relationship between the urinary Na/K ratio, diet and hypertension among community-dwelling older adults. Hypertension Research, 2023, 46, 556-564.	1.5	5
593	The MAM Model to Study the Role of Dopamine in Schizophrenia. Neuromethods, 2023, , 223-245.	0.2	0
594	Structural and functional imaging of brains. Science China Chemistry, 0, , .	4.2	13
595	Dopamine downregulation in novel rodent models useful for the study of postpartum depression. Frontiers in Behavioral Neuroscience, 0, 16, .	1.0	2
596	Noradrenergic Modulation of Learned and Innate Behaviors in Dopamine Transporter Knockout Rats by Guanfacine. Biomedicines, 2023, 11, 222.	1.4	3

#	Article	IF	Citations
597	Cerebral blood flow changes and their genetic mechanisms in major depressive disorder: a combined neuroimaging and transcriptome study. Psychological Medicine, 2023, 53, 6468-6480.	2.7	3
598	Transcriptional substrates of brain structural and functional impairments in drug-naive first-episode patients with major depressive disorder. Journal of Affective Disorders, 2023, 325, 522-533.	2.0	6
599	Codoping g-C3N4 with boron and graphene quantum dots: Enhancement of charge transfer for ultrasensitive and selective photoelectrochemical detection of dopamine. Biosensors and Bioelectronics, 2023, 224, 115050.	5.3	15
600	Erbb4Deletion From Inhibitory Interneurons Causes Psychosis-Relevant Neuroimaging Phenotypes. Schizophrenia Bulletin, 2023, 49, 569-580.	2.3	4
601	NATURAL PLANT REMEDIES FOR DEPRESSION DURING THE COVID-19 PANDEMIC, UPDATE REVIEW. International Journal of Applied Pharmaceutics, 0, , 8-14.	0.3	0
602	In vivoreduction of age-dependent neuromelanin accumulation mitigates features of Parkinsonâ€™s disease. Brain, 2023, 146, 1040-1052.	3.7	12
604	A flexible and sensitive electrochemical sensing platform based on dimethyl sulfoxide modified carbon cloth: towards the detection of dopamine and carvedilol. Analytical Methods, 2023, 15, 685-692.	1.3	4
605	High frequency deep brain stimulation can mitigate the acute effects of cocaine administration on tonic dopamine levels in the rat nucleus accumbens. Frontiers in Neuroscience, 0, 17, .	1.4	2
606	Engineered highs: Reward variability and frequency as potential prerequisites of behavioural addiction. Addictive Behaviors, 2023, 140, 107626.	1.7	4
607	Sex differences in addiction-relevant behavioral outcomes in rodents following early life stress. Addiction Neuroscience, 2023, 6, 100067.	0.4	7
608	Behavioral encoding across timescales by region-specific dopamine dynamics. Proceedings of the National Academy of Sciences of the United States of America, 2023, 120, .	3.3	8
609	Aged brain and neuroimmune responses to COVID-19: post-acute sequelae and modulatory effects of behavioral and nutritional interventions. Immunity and Ageing, 2023, 20, .	1.8	3
610	Isoliquiritigenin induces neurodevelopmental-toxicity and anxiety-like behavior in zebrafish larvae. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2023, 266, 109555.	1.3	0
611	Vortioxetine improved negative and cognitive symptoms of schizophrenia in subchronic MK-801 model in rats. Behavioural Brain Research, 2023, 444, 114365.	1.2	6
612	Amphetamines abuse and depression: Focus on TRPC channels. Experimental Neurology, 2023, 364, 114391.	2.0	2
613	Maladaptive explore/exploit trade-offs in schizophrenia. Trends in Neurosciences, 2023, 46, 341-354.	4.2	5
615	Behavioral regulation relies on interacting forces and predictive models. Journal of Personality, 2023, 91, 917-927.	1.8	2
616	COMT but Not 5HTTLPR Gene Is Associated with Depression in First-Episode Psychosis: The Role of Stressful Life Events. Genes, 2023, 14, 350.	1.0	2

#	Article	IF	Citations
617	The Role of the Dopamine System in Post-Stroke Mood Disorders in Newborn Rats. International Journal of Molecular Sciences, 2023, 24, 3229.	1.8	3
618	Atypical antipsychotics antagonize GABAA receptors in the ventral tegmental area GABA neurons to relieve psychotic behaviors. Molecular Psychiatry, 2023, 28, 2107-2121.	4.1	3
619	Update on current animal models for schizophrenia: are they still useful?. Current Opinion in Psychiatry, 2023, 36, 172-178.	3.1	4
620	The Involvement of Prolactin in Stress-Related Disorders. International Journal of Environmental Research and Public Health, 2023, 20, 3257.	1.2	4
621	Scalable fabrication of graphene-assembled multifunctional electrode with efficient electrochemical detection of dopamine and glucose. Nano Research, 2023, 16, 6361-6368.	5.8	7
623	Effects of a variable light intensity lighting program on the welfare and performance of commercial broiler chickens. Frontiers in Physiology, 0, 14, .	1.3	6
624	Schizophrenia Spectrum and Other Psychotic Disorders. , 2023, , 469-492.		0
625	The COVID-19 pandemic and obsessive-compulsive disorder: a systematic review of comparisons between males and females. Acta Neuropsychiatrica, 0, , 1-22.	1.0	1
627	Association between the intake of animal offal and depressive symptoms: a TCLSIH cohort study. Food and Function, 2023, 14, 3722-3731.	2.1	1
628	Racism and Social Determinants of Psychosis. Annual Review of Clinical Psychology, 2023, 19, 277-302.	6.3	3
629	Controllable synthesis of MoS₂@TiO₂nanocomposites for visual detection of dopamine secretion with highly-efficient enzymatic activity. Analyst, The, 2023, 148, 1732-1742.	1.7	4
630	Dysregulation of AMPA Receptor Trafficking and Intracellular Vesicular Sorting in the Prefrontal Cortex of Dopamine Transporter Knock-Out Rats. Biomolecules, 2023, 13, 516.	1.8	1
631	Purkinje cell dopaminergic inputs to astrocytes regulate cerebellar-dependent behavior. Nature Communications, 2023, 14, .	5.8	4
632	Micro-sized nanoaggregates: Spray-drying-assisted fabrication and applications. Particuology, 2024, 85, 22-48.	2.0	15
651	Encapsulation of dopamine within SU-101: insights by computational chemistry. Chemical Communications, 2023, 59, 8684-8687.	2.2	4
664	The molecular pathology of neurodegenerative and psychiatric disorders. , 2023, , 3-43.		4
744	Molecular mechanisms of dopaminergic transmission in NeuroHIV. , 2024, , 379-398.		0