

Kenji Hashimoto

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6650486/publications.pdf>

Version: 2024-02-01

626
papers

31,864
citations

4120

87
h-index

9553

142
g-index

654
all docs

654
docs citations

654
times ranked

27622
citing authors

#	ARTICLE	IF	CITATIONS
1	Nervous system involvement after infection with COVID-19 and other coronaviruses. <i>Brain, Behavior, and Immunity</i> , 2020, 87, 18-22.	2.0	1,495
2	Alterations of serum levels of brain-derived neurotrophic factor (BDNF) in depressed patients with or without antidepressants. <i>Biological Psychiatry</i> , 2003, 54, 70-75.	0.7	990
3	Vicarious traumatization in the general public, members, and non-members of medical teams aiding in COVID-19 control. <i>Brain, Behavior, and Immunity</i> , 2020, 88, 916-919.	2.0	766
4	Increased Levels of Glutamate in Brains from Patients with Mood Disorders. <i>Biological Psychiatry</i> , 2007, 62, 1310-1316.	0.7	526
5	Decreased Serum Levels of D-Serine in Patients With Schizophrenia. <i>Archives of General Psychiatry</i> , 2003, 60, 572.	13.8	461
6	Critical role of brain-derived neurotrophic factor in mood disorders. <i>Brain Research Reviews</i> , 2004, 45, 104-114.	9.1	447
7	Immune Activation During Pregnancy in Mice Leads to Dopaminergic Hyperfunction and Cognitive Impairment in the Offspring: A Neurodevelopmental Animal Model of Schizophrenia. <i>Biological Psychiatry</i> , 2006, 59, 546-554.	0.7	416
8	Brain-derived Neurotrophic Factor (BDNF)-TrkB Signaling in Inflammation-related Depression and Potential Therapeutic Targets. <i>Current Neuropharmacology</i> , 2016, 14, 721-731.	1.4	366
9	Brain-derived neurotrophic factor as a biomarker for mood disorders: An historical overview and future directions. <i>Psychiatry and Clinical Neurosciences</i> , 2010, 64, 341-357.	1.0	347
10	Emerging role of glutamate in the pathophysiology of major depressive disorder. <i>Brain Research Reviews</i> , 2009, 61, 105-123.	9.1	340
11	Ethnic difference of the BDNF 196G/A (val66met) polymorphism frequencies: The possibility to explain ethnic mental traits. <i>American Journal of Medical Genetics Part A</i> , 2004, 126B, 122-123.	2.4	292
12	R (S)-ketamine shows greater potency and longer lasting antidepressant effects than S (+)-ketamine. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 116, 137-141.	1.3	275
13	Rapid-acting antidepressant ketamine, its metabolites and other candidates: A historical overview and future perspective. <i>Psychiatry and Clinical Neurosciences</i> , 2019, 73, 613-627.	1.0	239
14	Current status of potential therapeutic candidates for the COVID-19 crisis. <i>Brain, Behavior, and Immunity</i> , 2020, 87, 59-73.	2.0	239
15	Interactions of selective serotonin reuptake inhibitors with subtypes of 5-HT receptors in rat brain. <i>European Journal of Pharmacology</i> , 1996, 307, 117-119.	1.7	227
16	Decreased Serum Levels of Mature Brain-Derived Neurotrophic Factor (BDNF), but Not Its Precursor proBDNF, in Patients with Major Depressive Disorder. <i>PLoS ONE</i> , 2012, 7, e42676.	1.1	223
17	Reduced d-serine to total serine ratio in the cerebrospinal fluid of drug naive schizophrenic patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2005, 29, 767-769.	2.5	219
18	Knowledge and attitudes of medical staff in Chinese psychiatric hospitals regarding COVID-19. <i>Brain, Behavior, & Immunity - Health</i> , 2020, 4, 100064.	1.3	218

#	ARTICLE	IF	CITATIONS
19	Antidepressant Potential of (S)-Ketamine in Rodent Models: Comparison with (R)-Ketamine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 361, 9-16.	1.3	204
20	Mechanistic Target of Rapamycin-Independent Antidepressant Effects of (R)-Ketamine in a Social Defeat Stress Model. <i>Biological Psychiatry</i> , 2018, 83, 18-28.	0.7	194
21	Antidepressant Effects of TrkB Ligands on Depression-Like Behavior and Dendritic Changes in Mice After Inflammation. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, .	1.0	193
22	Increased serum levels of glutamate in adult patients with autism. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2006, 30, 1472-1477.	2.5	191
23	Glutamate modulators as potential therapeutic drugs in schizophrenia and affective disorders. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2013, 263, 367-377.	1.8	177
24	Fabp7 Maps to a Quantitative Trait Locus for a Schizophrenia Endophenotype. <i>PLoS Biology</i> , 2007, 5, e297.	2.6	176
25	Negative Correlation between Brain Glutathione Level and Negative Symptoms in Schizophrenia: A 3T 1H-MRS Study. <i>PLoS ONE</i> , 2008, 3, e1944.	1.1	176
26	Possible role of the gut microbiota-brain axis in the antidepressant effects of (R)-ketamine in a social defeat stress model. <i>Translational Psychiatry</i> , 2017, 7, 1294.	2.4	173
27	Effects of antidepressants on alternations in serum cytokines and depressive-like behavior in mice after lipopolysaccharide administration. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 103, 853-859.	1.3	170
28	Sigma-1 receptor chaperone and brain-derived neurotrophic factor: Emerging links between cardiovascular disease and depression. <i>Progress in Neurobiology</i> , 2013, 100, 15-29.	2.8	169
29	Bifidobacterium in the gut microbiota confer resilience to chronic social defeat stress in mice. <i>Scientific Reports</i> , 2017, 7, 45942.	1.6	167
30	d-Serine and a glycine transporter inhibitor improve MK-801-induced cognitive deficits in a novel object recognition test in rats. <i>Behavioural Brain Research</i> , 2008, 186, 78-83.	1.2	158
31	Serum Interleukin-6 Is a Predictive Biomarker for Ketamine's Antidepressant Effect in Treatment-Resistant Patients With Major Depression. <i>Biological Psychiatry</i> , 2015, 77, e19-e20.	0.7	155
32	Comparison of ketamine, 7,8-dihydroxyflavone, and ANA-12 antidepressant effects in the social defeat stress model of depression. <i>Psychopharmacology</i> , 2015, 232, 4325-4335.	1.5	150
33	NMDA- and Î²-Amyloid ₁₋₄₂ -Induced Neurotoxicity Is Attenuated in Serine Racemase Knock-Out Mice. <i>Journal of Neuroscience</i> , 2008, 28, 14486-14491.	1.7	149
34	Alteration of Plasma Glutamate and Glutamine Levels in Children with High-Functioning Autism. <i>PLoS ONE</i> , 2011, 6, e25340.	1.1	144
35	Enhanced Carbonyl Stress in a Subpopulation of Schizophrenia. <i>Archives of General Psychiatry</i> , 2010, 67, 589.	13.8	141
36	(R)-Ketamine Shows Greater Potency and Longer Lasting Antidepressant Effects Than Its Metabolite (2S,6S)-Ketamine. <i>Biological Psychiatry</i> , 2018, 83, 18-28.	0.7	141

#	ARTICLE	IF	CITATIONS
37	Decreased levels of serum brain-derived neurotrophic factor in female patients with eating disorders. <i>Biological Psychiatry</i> , 2003, 54, 485-490.	0.7	140
38	Identification of Multiple Serine Racemase (SRR) mRNA Isoforms and Genetic Analyses of SRR and DAO in Schizophrenia and d-Serine Levels. <i>Biological Psychiatry</i> , 2005, 57, 1493-1503.	0.7	138
39	Serum brain-derived neurotrophic factor (BDNF) levels in schizophrenia are indistinguishable from controls. <i>Neuroscience Letters</i> , 2003, 351, 111-114.	1.0	136
40	Molecular mechanisms of the rapid-acting and long-lasting antidepressant actions of (R)-ketamine. <i>Biochemical Pharmacology</i> , 2020, 177, 113935.	2.0	135
41	Synthesis and Biological Evaluation of α -Amino Acid Oxidase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 3357-3359.	2.9	134
42	Key role of gut microbiota in anhedonia-like phenotype in rodents with neuropathic pain. <i>Translational Psychiatry</i> , 2019, 9, 57.	2.4	134
43	Molecular and cellular mechanisms underlying the antidepressant effects of ketamine enantiomers and its metabolites. <i>Translational Psychiatry</i> , 2019, 9, 280.	2.4	133
44	Protective effects of minocycline on behavioral changes and neurotoxicity in mice after administration of methamphetamine. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2006, 30, 1381-1393.	2.5	130
45	Phencyclidine-induced cognitive deficits in mice are improved by subsequent subchronic administration of clozapine, but not haloperidol. <i>European Journal of Pharmacology</i> , 2005, 519, 114-117.	1.7	128
46	Co-Administration of a D-Amino Acid Oxidase Inhibitor Potentiates the Efficacy of D-Serine in Attenuating Prepulse Inhibition Deficits After Administration of Dizocilpine. <i>Biological Psychiatry</i> , 2009, 65, 1103-1106.	0.7	126
47	Tropisetron improves deficits in auditory P50 suppression in schizophrenia. <i>Schizophrenia Research</i> , 2005, 76, 67-72.	1.1	125
48	Sigma Receptor Ligands: Possible Application as Therapeutic Drugs and as Radiopharmaceuticals. <i>Current Pharmaceutical Design</i> , 2006, 12, 3857-76.	0.9	124
49	Phencyclidine-Induced Cognitive Deficits in Mice are Improved by Subsequent Subchronic Administration of Fluvoxamine: Role of Sigma-1 Receptors. <i>Neuropsychopharmacology</i> , 2007, 32, 514-521.	2.8	123
50	Gene deficiency and pharmacological inhibition of soluble epoxide hydrolase confers resilience to repeated social defeat stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1944-52.	3.3	123
51	A key role of the subdiaphragmatic vagus nerve in the depression-like phenotype and abnormal composition of gut microbiota in mice after lipopolysaccharide administration. <i>Translational Psychiatry</i> , 2020, 10, 186.	2.4	123
52	High Occupancy of Sigma-1 Receptors in the Human Brain after Single Oral Administration of Fluvoxamine: A Positron Emission Tomography Study Using [^{11}C]SA4503. <i>Biological Psychiatry</i> , 2007, 62, 878-883.	0.7	122
53	Molecular mechanisms underlying the antidepressant actions of arketamine: beyond the NMDA receptor. <i>Molecular Psychiatry</i> , 2022, 27, 559-573.	4.1	122
54	Effect of antioxidant N-acetyl-l-cysteine on behavioral changes and neurotoxicity in rats after administration of methamphetamine. <i>Brain Research</i> , 2004, 1016, 90-95.	1.1	121

#	ARTICLE	IF	CITATIONS
55	The role of glutamate on the action of antidepressants. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 1558-1568.	2.5	120
56	Regulation of glutamate transporter 1 via BDNF-TrkB signaling plays a role in the anti-apoptotic and antidepressant effects of ketamine in chronic unpredictable stress model of depression. <i>Psychopharmacology</i> , 2016, 233, 405-415.	1.5	120
57	Alterations in brain-derived neurotrophic factor (BDNF) and its precursor proBDNF in the brain regions of a learned helplessness rat model and the antidepressant effects of a TrkB agonist and antagonist. <i>European Neuropsychopharmacology</i> , 2015, 25, 2449-2458.	0.3	118
58	Potential of Nerve Growth Factor-Induced Neurite Outgrowth by Fluvoxamine: Role of Sigma-1 Receptors, IP3 Receptors and Cellular Signaling Pathways. <i>PLoS ONE</i> , 2008, 3, e2558.	1.1	118
59	Gender-specific association of a functional coding polymorphism in the Neuropeptide S receptor gene with panic disorder but not with schizophrenia or attention-deficit/hyperactivity disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007, 31, 1444-1448.	2.5	117
60	Role of Keap1-Nrf2 signaling in depression and dietary intake of glucoraphanin confers stress resilience in mice. <i>Scientific Reports</i> , 2016, 6, 30659.	1.6	117
61	Brain-gut-microbiota axis in depression: A historical overview and future directions. <i>Brain Research Bulletin</i> , 2022, 182, 44-56.	1.4	117
62	Comparison of antidepressant and side effects in mice after intranasal administration of (R,S)-ketamine, (R)-ketamine, and (S)-ketamine. <i>Pharmacology Biochemistry and Behavior</i> , 2019, 181, 53-59.	1.3	115
63	Decreased serum levels of transforming growth factor- β 1 in patients with autism. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007, 31, 187-190.	2.5	113
64	Correlation of plasma neurosteroid levels to the severity of negative symptoms in male patients with schizophrenia. <i>Schizophrenia Research</i> , 2002, 58, 69-74.	1.1	111
65	Interaction of new antidepressants with sigma-1 receptor chaperones and their potentiation of neurite outgrowth in PC12 cells. <i>European Journal of Pharmacology</i> , 2014, 727, 167-173.	1.7	111
66	A historical review of antidepressant effects of ketamine and its enantiomers. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 190, 172870.	1.3	109
67	Reduced serum levels of brain-derived neurotrophic factor in adult male patients with autism. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2006, 30, 1529-1531.	2.5	107
68	Inflammatory Biomarkers as Differential Predictors of Antidepressant Response. <i>International Journal of Molecular Sciences</i> , 2015, 16, 7796-7801.	1.8	106
69	Ingestion of <i>Lactobacillus intestinalis</i> and <i>Lactobacillus reuteri</i> causes depression- and anhedonia-like phenotypes in antibiotic-treated mice via the vagus nerve. <i>Journal of Neuroinflammation</i> , 2020, 17, 241.	3.1	106
70	Synthesis and evaluation of ^{11}C -PK 11195 for in vivo study of peripheral-type benzodiazepine receptors using positron emission tomography. <i>Annals of Nuclear Medicine</i> , 1989, 3, 63-71.	1.2	105
71	Reduction of dopamine D2/3 receptor binding in the striatum after a single administration of esketamine, but not R-ketamine: a PET study in conscious monkeys. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2017, 267, 173-176.	1.8	105
72	Phencyclidine-Induced Cognitive Deficits in Mice Are Improved by Subsequent Subchronic Administration of the Novel Selective α 7 Nicotinic Receptor Agonist SSR180711. <i>Biological Psychiatry</i> , 2008, 63, 92-97.	0.7	104

#	ARTICLE	IF	CITATIONS
73	Soluble epoxide hydrolase plays a key role in the pathogenesis of Parkinson's disease. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5815-E5823.	3.3	104
74	Comparison of (R)-ketamine and lanicemine on depression-like phenotype and abnormal composition of gut microbiota in a social defeat stress model. Scientific Reports, 2017, 7, 15725.	1.6	102
75	Targeting of NMDA receptors in new treatments for schizophrenia. Expert Opinion on Therapeutic Targets, 2014, 18, 1049-1063.	1.5	101
76	Specific metabolites in the medial prefrontal cortex are associated with the neurocognitive deficits in schizophrenia: A preliminary study. Neurolmage, 2010, 49, 2783-2790.	2.1	98
77	AMPA Receptor Activation-Independent Antidepressant Actions of Ketamine Metabolite (S)-Norketamine. Biological Psychiatry, 2018, 84, 591-600.	0.7	97
78	Minocycline Attenuates Hyperlocomotion and Prepulse Inhibition Deficits in Mice after Administration of the NMDA Receptor Antagonist Dizocilpine. Neuropsychopharmacology, 2007, 32, 2004-2010.	2.8	95
79	Combined intoxication with methylone and 5-MeO-MIPT. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2007, 31, 288-291.	2.5	95
80	Maternal glyphosate exposure causes autism-like behaviors in offspring through increased expression of soluble epoxide hydrolase. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11753-11759.	3.3	95
81	Long-Lasting Antidepressant Action of Ketamine, but Not Glycogen Synthase Kinase-3 Inhibitor SB216763, in the Chronic Mild Stress Model of Mice. PLoS ONE, 2013, 8, e56053.	1.1	94
82	Sigma-1 Receptors and Selective Serotonin Reuptake Inhibitors: Clinical Implications of their Relationship. Central Nervous System Agents in Medicinal Chemistry, 2009, 9, 197-204.	0.5	94
83	Possible role of d-serine in the pathophysiology of Alzheimer's disease. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2004, 28, 385-388.	2.5	93
84	Lack of Antidepressant Effects of (2R,6R)-Hydroxynorketamine in a Rat Learned Helplessness Model: Comparison with (R)-Ketamine. International Journal of Neuropsychopharmacology, 2018, 21, 84-88.	1.0	93
85	Elevated glutamine/glutamate ratio in cerebrospinal fluid of first episode and drug naive schizophrenic patients. BMC Psychiatry, 2005, 5, 6.	1.1	91
86	Rapid and Sustained Antidepressant Action of the mGlu2/3 Receptor Antagonist MGS0039 in the Social Defeat Stress Model: Comparison with Ketamine. International Journal of Neuropsychopharmacology, 2017, 20, pyw089.	1.0	91
87	Prophylactic effects of sulforaphane on depression-like behavior and dendritic changes in mice after inflammation. Journal of Nutritional Biochemistry, 2017, 39, 134-144.	1.9	90
88	Potential of nerve growth factor-induced neurite outgrowth in PC12 cells by donepezil: Role of sigma-1 receptors and IP3 receptors. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2008, 32, 1656-1659.	2.5	89
89	Cognition and depression: the effects of fluvoxamine, a sigma-1 receptor agonist, reconsidered. Human Psychopharmacology, 2010, 25, 193-200.	0.7	89
90	Roles of glutamate signaling in preclinical and/or mechanistic models of depression. Pharmacology Biochemistry and Behavior, 2012, 100, 688-704.	1.3	89

#	ARTICLE	IF	CITATIONS
91	Social Isolation-Induced Aggression Potentiates Anxiety and Depressive-Like Behavior in Male Mice Subjected to Unpredictable Chronic Mild Stress. <i>PLoS ONE</i> , 2011, 6, e20955.	1.1	88
92	Plasma levels of mature brain-derived neurotrophic factor (BDNF) and matrix metalloproteinase-9 (MMP-9) in treatment-resistant schizophrenia treated with clozapine. <i>Neuroscience Letters</i> , 2013, 556, 37-41.	1.0	88
93	Levels of d-serine in the brain and peripheral organs of serine racemase (Srr) knock-out mice. <i>Neurochemistry International</i> , 2011, 59, 853-859.	1.9	87
94	Microglial ERK-NRBP1-CREB-BDNF signaling in sustained antidepressant actions of (R)-ketamine. <i>Molecular Psychiatry</i> , 2022, 27, 1618-1629.	4.1	87
95	Potential of the NMDA receptor-mediated responses through the activation of the glycine site by microglia secreting soluble factors. <i>Glia</i> , 2006, 53, 660-668.	2.5	86
96	Optimal Extent of Dopamine D2 Receptor Occupancy by Antipsychotics for Treatment of Dopamine Supersensitivity Psychosis and Late-Onset Psychosis. <i>Journal of Clinical Psychopharmacology</i> , 2013, 33, 398-404.	0.7	86
97	±7 Nicotinic Receptor Agonists: Potential Therapeutic Drugs for Treatment of Cognitive Impairments in Schizophrenia and Alzheimer's Disease-!2009-10-15-!2009-10-30-!2010-05-27-!. <i>Open Medicinal Chemistry Journal</i> , 2010, 4, 37-56.	0.9	85
98	Phencyclidine-induced cognitive deficits in mice are improved by subsequent subchronic administration of the antibiotic drug minocycline. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 336-339.	2.5	84
99	Sigma-1 Receptor Agonists as Therapeutic Drugs for Cognitive Impairment in Neuropsychiatric Diseases. <i>Current Pharmaceutical Design</i> , 2012, 18, 875-883.	0.9	84
100	An update on ketamine and its two enantiomers as rapid-acting antidepressants. <i>Expert Review of Neurotherapeutics</i> , 2019, 19, 83-92.	1.4	84
101	An Open Study of Sulforaphane-rich Broccoli Sprout Extract in Patients with Schizophrenia. <i>Clinical Psychopharmacology and Neuroscience</i> , 2015, 13, 62-67.	0.9	83
102	Activation of sigma-1 receptor chaperone in the treatment of neuropsychiatric diseases and its clinical implication. <i>Journal of Pharmacological Sciences</i> , 2015, 127, 6-9.	1.1	83
103	Comparison of R-ketamine and rapastinel antidepressant effects in the social defeat stress model of depression. <i>Psychopharmacology</i> , 2016, 233, 3647-3657.	1.5	83
104	(2R,6R)-Hydroxynorketamine is not essential for the antidepressant actions of (R)-ketamine in mice. <i>Neuropsychopharmacology</i> , 2018, 43, 1900-1907.	2.8	83
105	A role of the subdiaphragmatic vagus nerve in depression-like phenotypes in mice after fecal microbiota transplantation from <i>Chrna7</i> knock-out mice with depression-like phenotypes. <i>Brain, Behavior, and Immunity</i> , 2021, 94, 318-326.	2.0	83
106	Further characterization of [3H]ifenprodil binding to 5f receptors in rat brain. <i>European Journal of Pharmacology</i> , 1993, 236, 159-163.	1.7	82
107	Loss of parvalbumin-immunoreactivity in mouse brain regions after repeated intermittent administration of esketamine, but not R-ketamine. <i>Psychiatry Research</i> , 2016, 239, 281-283.	1.7	82
108	Poor-sleep is associated with slow recovery from lymphopenia and an increased need for ICU care in hospitalized patients with COVID-19: A retrospective cohort study. <i>Brain, Behavior, and Immunity</i> , 2020, 88, 50-58.	2.0	81

#	ARTICLE	IF	CITATIONS
109	Repurposing of CNS drugs to treat COVID-19 infection: targeting the sigma-1 receptor. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 249-258.	1.8	81
110	Essential Role of Keap1-Nrf2 Signaling in Mood Disorders: Overview and Future Perspective. <i>Frontiers in Pharmacology</i> , 2018, 9, 1182.	1.6	79
111	Minocycline produced antidepressant-like effects on the learned helplessness rats with alterations in levels of monoamine in the amygdala and no changes in BDNF levels in the hippocampus at baseline. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 100, 601-606.	1.3	78
112	Abnormality in serum levels of mature brain-derived neurotrophic factor (BDNF) and its precursor proBDNF in mood-stabilized patients with bipolar disorder: A study of two independent cohorts. <i>Journal of Affective Disorders</i> , 2014, 160, 1-9.	2.0	78
113	Targeting of NMDA Receptors in the Treatment of Major Depression. <i>Current Pharmaceutical Design</i> , 2014, 20, 5151-5159.	0.9	78
114	Chronic Treatment With Aripiprazole Prevents Development of Dopamine Supersensitivity and Potentially Supersensitivity Psychosis. <i>Schizophrenia Bulletin</i> , 2012, 38, 1012-1020.	2.3	76
115	Blood metabolomics analysis identifies abnormalities in the citric acid cycle, urea cycle, and amino acid metabolism in bipolar disorder. <i>BBA Clinical</i> , 2016, 5, 151-158.	4.1	76
116	Association between brain-derived neurotrophic factor 196 G/A polymorphism and personality traits in healthy subjects. <i>American Journal of Medical Genetics Part A</i> , 2004, 124B, 61-63.	2.4	75
117	Preclinical and the first clinical studies on [¹¹ C]CHIBA-1001 for mapping $\alpha 7$ nicotinic receptors by positron emission tomography. <i>Annals of Nuclear Medicine</i> , 2009, 23, 301-309.	1.2	75
118	A randomised, double-blind, placebo-controlled trial of tropisetron in patients with schizophrenia. <i>Annals of General Psychiatry</i> , 2010, 9, 27.	1.2	75
119	Magnetic Resonance Spectroscopy Study of the Antioxidant Defense System in Schizophrenia. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 2057-2065.	2.5	75
120	Essential role of microglial transforming growth factor- $\beta 1$ in antidepressant actions of (R)-ketamine and the novel antidepressant TGF- $\beta 1$. <i>Translational Psychiatry</i> , 2020, 10, 32.	2.4	75
121	Dysfunction of Glia-Neuron Communication in Pathophysiology of Schizophrenia. <i>Current Psychiatry Reviews</i> , 2005, 1, 151-163.	0.9	73
122	BDNF variant linked to anxiety-related behaviors. <i>BioEssays</i> , 2007, 29, 116-119.	1.2	73
123	Role of Actinobacteria and Coriobacteria in the antidepressant effects of ketamine in an inflammation model of depression. <i>Pharmacology Biochemistry and Behavior</i> , 2019, 176, 93-100.	1.3	73
124	Mechanisms of action of fluvoxamine for COVID-19: a historical review. <i>Molecular Psychiatry</i> , 2022, 27, 1898-1907.	4.1	73
125	Serum brain-derived neurotrophic factor (BDNF) levels in patients with panic disorder: As a biological predictor of response to group cognitive behavioral therapy. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2005, 29, 658-663.	2.5	72
126	Orbitofrontal cortex abnormality and deficit schizophrenia. <i>Schizophrenia Research</i> , 2013, 143, 246-252.	1.1	72

#	ARTICLE	IF	CITATIONS
127	Role of hippocampal p11 in the sustained antidepressant effect of ketamine in the chronic unpredictable mild stress model. <i>Translational Psychiatry</i> , 2016, 6, e741-e741.	2.4	70
128	Brain Imaging of Nicotinic Receptors in Alzheimer's Disease. <i>International Journal of Alzheimer's Disease</i> , 2010, 2010, 1-11.	1.1	68
129	Role of Soluble Epoxide Hydrolase in Metabolism of PUFAs in Psychiatric and Neurological Disorders. <i>Frontiers in Pharmacology</i> , 2019, 10, 36.	1.6	68
130	Phencyclidine-induced cognitive deficits in mice are improved by subsequent subchronic administration of the glycine transporter-1 inhibitor NFPS and d-serine. <i>European Neuropsychopharmacology</i> , 2008, 18, 414-421.	0.3	67
131	Preliminary genome-wide association study of bipolar disorder in the Japanese population. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2009, 150B, 1110-1117.	1.1	67
132	Regional differences in the expression of brain-derived neurotrophic factor (BDNF) pro-peptide, proBDNF and preproBDNF in the brain confer stress resilience. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2016, 266, 765-769.	1.8	67
133	Abnormal composition of gut microbiota is associated with resilience versus susceptibility to inescapable electric stress. <i>Translational Psychiatry</i> , 2019, 9, 231.	2.4	67
134	Antibiotic-induced microbiome depletion is associated with resilience in mice after chronic social defeat stress. <i>Journal of Affective Disorders</i> , 2020, 260, 448-457.	2.0	67
135	Risks Associated with Misuse of Ketamine as a Rapid-Acting Antidepressant. <i>Neuroscience Bulletin</i> , 2016, 32, 557-564.	1.5	66
136	Altered Dendritic Morphology of Purkinje cells in Dyt1 ^{fl} GAG Knock-In and Purkinje Cell-Specific Dyt1 Conditional Knockout Mice. <i>PLoS ONE</i> , 2011, 6, e18357.	1.1	65
137	Protective Effects of N-acetyl-L-cysteine on the Reduction of Dopamine Transporters in the Striatum of Monkeys Treated with Methamphetamine. <i>Neuropsychopharmacology</i> , 2004, 29, 2018-2023.	2.8	64
138	Association between the brain-derived neurotrophic factor 196G/A polymorphism and eating disorders. <i>American Journal of Medical Genetics Part A</i> , 2004, 127B, 125-127.	2.4	63
139	High occupancy of 5-HT _{1A} receptors in the human brain after single oral administration of donepezil: a positron emission tomography study using [¹¹ C]SA4503. <i>International Journal of Neuropsychopharmacology</i> , 2009, 12, 1127.	1.0	63
140	Phencyclidine-induced cognitive deficits in mice are ameliorated by subsequent subchronic administration of donepezil: Role of sigma-1 receptors. <i>Brain Research</i> , 2009, 1279, 189-196.	1.1	63
141	The cognitive impairments and psychological wellbeing of methamphetamine dependent patients compared with health controls. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 69, 31-37.	2.5	63
142	Relationship between perception and anxiety about COVID-19 infection and risk behaviors for spreading infection: A national survey in Japan. <i>Brain, Behavior, & Immunity - Health</i> , 2020, 6, 100101.	1.3	63
143	Ingestion of <i>Faecalibaculum rodentium</i> causes depression-like phenotypes in resilient Ephx2 knock-out mice: A role of brain-gut microbiota axis via the subdiaphragmatic vagus nerve. <i>Journal of Affective Disorders</i> , 2021, 292, 565-573.	2.0	63
144	Tropisetron improves deficient inhibitory auditory processing in DBA/2 mice: role of 5-HT ₇ nicotinic acetylcholine receptors. <i>Psychopharmacology</i> , 2005, 183, 13-19.	1.5	62

#	ARTICLE	IF	CITATIONS
145	Protective effects of minocycline on 3,4-methylenedioxymethamphetamine-induced neurotoxicity in serotonergic and dopaminergic neurons of mouse brain. <i>European Journal of Pharmacology</i> , 2006, 544, 1-9.	1.7	62
146	(R)-Ketamine Induces a Greater Increase in Prefrontal 5-HT Release Than (S)-Ketamine and Ketamine Metabolites via an AMPA Receptor-Independent Mechanism. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 665-674.	1.0	62
147	Further characterization of [³ H]ifenprodil binding in rat brain. <i>European Journal of Pharmacology</i> , 1994, 266, 67-77.	2.7	61
148	Dietary Intake of Sulforaphane-Rich Broccoli Sprout Extracts during Juvenile and Adolescence Can Prevent Phencyclidine-Induced Cognitive Deficits at Adulthood. <i>PLoS ONE</i> , 2015, 10, e0127244.	1.1	60
149	Prevalence of PTSD and Depression among Junior Middle School Students in a Rural Town Far from the Epicenter of the Wenchuan Earthquake in China. <i>PLoS ONE</i> , 2012, 7, e41665.	1.1	59
150	Effects of a single bilateral infusion of R-ketamine in the rat brain regions of a learned helplessness model of depression. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2017, 267, 177-182.	1.8	59
151	Phencyclidine-induced cognitive deficits in mice are improved by subsequent subchronic administration of the antipsychotic drug perospirone: Role of serotonin 5-HT _{1A} receptors. <i>European Neuropsychopharmacology</i> , 2008, 18, 448-454.	0.3	58
152	α7 Nicotinic Acetylcholine Receptor as a Potential Therapeutic Target for Schizophrenia. <i>Current Pharmaceutical Design</i> , 2011, 17, 121-129.	0.9	58
153	A positive correlation between serum levels of mature brain-derived neurotrophic factor and negative symptoms in schizophrenia. <i>Psychiatry Research</i> , 2014, 215, 268-273.	1.7	58
154	Protective Effects of Minocycline on the Reduction of Dopamine Transporters in the Striatum After Administration of Methamphetamine: A Positron Emission Tomography Study in Conscious Monkeys. <i>Biological Psychiatry</i> , 2007, 61, 577-581.	0.7	57
155	Associations of serum brain-derived neurotrophic factor with cognitive impairments and negative symptoms in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 1836-1840.	2.5	57
156	Ketamine's antidepressant action: beyond NMDA receptor inhibition. <i>Expert Opinion on Therapeutic Targets</i> , 2016, 20, 1389-1392.	1.5	57
157	Alterations in the inflammatory cytokines and brain-derived neurotrophic factor contribute to depression-like phenotype after spared nerve injury: improvement by ketamine. <i>Scientific Reports</i> , 2017, 7, 3124.	1.6	57
158	Destruction of Dopaminergic Neurons in the Midbrain by 6-Hydroxydopamine Decreases Hippocampal Cell Proliferation in Rats: Reversal by Fluoxetine. <i>PLoS ONE</i> , 2010, 5, e9260.	1.1	57
159	[¹¹ C]CHIBA-1001 as a Novel PET Ligand for α7 Nicotinic Receptors in the Brain: A PET Study in Conscious Monkeys. <i>PLoS ONE</i> , 2008, 3, e3231.	1.1	56
160	Glycine Transporter-1: A New Potential Therapeutic Target for Schizophrenia. <i>Current Pharmaceutical Design</i> , 2011, 17, 112-120.	0.9	56
161	Keap1-Nrf2 signaling pathway confers resilience versus susceptibility to inescapable electric stress. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2018, 268, 865-870.	1.8	56
162	α7 Nicotinic Receptor Agonists: Potential Therapeutic Drugs for Treatment of Cognitive Impairments in Schizophrenia and Alzheimer's Disease. <i>Open Medicinal Chemistry Journal</i> , 2010, 4, 37-56.	0.9	56

#	ARTICLE	IF	CITATIONS
163	Minocycline attenuates subjective rewarding effects of dextroamphetamine in humans. <i>Psychopharmacology</i> , 2011, 213, 61-68.	1.5	55
164	Infusions of allopregnanolone into the hippocampus and amygdala, but not into the nucleus accumbens and medial prefrontal cortex, produce antidepressant effects on the learned helplessness rats. <i>Hippocampus</i> , 2011, 21, 1105-1113.	0.9	55
165	A Series of d-Amino Acid Oxidase Inhibitors Specifically Prevents and Reverses Formalin-Induced Tonic Pain in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 336, 282-293.	1.3	55
166	Behavioral and cognitive effects of the N-methyl-d-aspartate receptor co-agonist d-serine in healthy humans: Initial findings. <i>Journal of Psychiatric Research</i> , 2015, 61, 188-195.	1.5	55
167	Antibiotic-induced microbiome depletion protects against MPTP-induced dopaminergic neurotoxicity in the brain. <i>Aging</i> , 2019, 11, 6915-6929.	1.4	55
168	Role of brain-derived neurotrophic factor in eating disorders: Recent findings and its pathophysiological implications. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2005, 29, 499-504.	2.5	54
169	Abnormal composition of gut microbiota contributes to delirium-like behaviors after abdominal surgery in mice. <i>CNS Neuroscience and Therapeutics</i> , 2019, 25, 685-696.	1.9	54
170	Lack of Opioid System in the Antidepressant Actions of Ketamine. <i>Biological Psychiatry</i> , 2019, 85, e25-e27.	0.7	53
171	Potential of Nerve Growth Factor-Induced Neurite Outgrowth in PC12 Cells by Ifenprodil: The Role of Sigma-1 and IP3 Receptors. <i>PLoS ONE</i> , 2012, 7, e37989.	1.1	53
172	Roles of endogenous glutathione levels on 6-hydroxydopamine-induced apoptotic neuronal cell death in human neuroblastoma SK-N-SH cells. <i>Neuropharmacology</i> , 2002, 43, 434-443.	2.0	52
173	Role of Brain-Derived Neurotrophic Factor in Beneficial Effects of Repetitive Transcranial Magnetic Stimulation for Upper Limb Hemiparesis after Stroke. <i>PLoS ONE</i> , 2016, 11, e0152241.	1.1	52
174	Association study between brain-derived neurotrophic factor gene polymorphisms and methamphetamine abusers in Japan. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2005, 132B, 70-73.	1.1	51
175	Discovery of the ± 7 Nicotinic Acetylcholine Receptor Agonists. (R)-3-(5-Chlorothiophen-2-yl)spiro-1-azabicyclo[2.2.2]octane-3-[1,3]oxazolidin-2-one as a Novel, 2.9 Potent, Selective, and Orally Bioavailable Ligand. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 2678-2686.	2.9	51
176	Sigma-1 Receptor Agonists and Their Clinical Implications in Neuropsychiatric Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2017, 964, 153-161.	0.8	51
177	Behavioral changes and expression of heat shock protein hsp-70 mRNA, brain-derived neurotrophic factor mRNA, and cyclooxygenase-2 mRNA in rat brain following seizures induced by systemic administration of kainic acid. <i>Brain Research</i> , 1998, 804, 212-223.	1.1	50
178	Changes in plasma d-serine, l-serine, and glycine levels in treatment-resistant schizophrenia before and after clozapine treatment. <i>Neuroscience Letters</i> , 2014, 582, 93-98.	1.0	50
179	Peripheral interleukin-6 promotes resilience versus susceptibility to inescapable electric stress. <i>Acta Neuropsychiatrica</i> , 2015, 27, 312-316.	1.0	50
180	Effects of Brilliant Blue G on Serum Tumor Necrosis Factor- α Levels and Depression-like Behavior in Mice after Lipopolysaccharide Administration. <i>Clinical Psychopharmacology and Neuroscience</i> , 2014, 12, 31-36.	0.9	49

#	ARTICLE	IF	CITATIONS
181	Impaired striatal dopamine release in homozygous Vps35 D620N knock-in mice. <i>Human Molecular Genetics</i> , 2016, 25, ddd279.	1.4	49
182	Antidepressant effects of combination of brexpiprazole and fluoxetine on depression-like behavior and dendritic changes in mice after inflammation. <i>Psychopharmacology</i> , 2017, 234, 525-533.	1.5	49
183	Expression of heat shock protein HSP-70 in the retrosplenial cortex of rat brain after administration of (R,S)-ketamine and (S)-ketamine, but not (R)-ketamine. <i>Pharmacology Biochemistry and Behavior</i> , 2018, 172, 17-21.	1.3	49
184	Activation of BDNF by transcription factor Nrf2 contributes to antidepressant-like actions in rodents. <i>Translational Psychiatry</i> , 2021, 11, 140.	2.4	49
185	Interactions of erythro-ifenprodil, threo-ifenprodil, erythro-iodoifenprodil, and eliprodil with subtypes of α_1 receptors. <i>European Journal of Pharmacology</i> , 1995, 273, 307-310.	1.7	48
186	A prospective comparative study of risperidone long-acting injectable for treatment-resistant schizophrenia with dopamine supersensitivity psychosis. <i>Schizophrenia Research</i> , 2014, 155, 52-58.	1.1	48
187	Adjunctive treatment of brexpiprazole with fluoxetine shows a rapid antidepressant effect in social defeat stress model: Role of BDNF-TrkB signaling. <i>Scientific Reports</i> , 2016, 6, 39209.	1.6	48
188	Increased levels of serum basic fibroblast growth factor in schizophrenia. <i>Psychiatry Research</i> , 2003, 120, 211-218.	1.7	47
189	Excess hydrogen sulfide and polysulfides production underlies a schizophrenia pathophysiology. <i>EMBO Molecular Medicine</i> , 2019, 11, e10695.	3.3	47
190	(R)-3-(3-Methylbenzo[b]thiophen-5-yl)spiro[1-azabicyclo[2,2,2]octane-3,5-oxazolidin]-2-one, a Novel and Potent α_7 Nicotinic Acetylcholine Receptor Partial Agonist Displays Cognitive Enhancing Properties. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 4374-4383.	2.9	46
191	A Novel Target of Action of Minocycline in NGF-Induced Neurite Outgrowth in PC12 Cells: Translation Initiation Factor eIF4A1. <i>PLoS ONE</i> , 2010, 5, e15430.	1.1	46
192	Depression-like phenotype by deletion of α_7 nicotinic acetylcholine receptor: Role of BDNF-TrkB in nucleus accumbens. <i>Scientific Reports</i> , 2016, 6, 36705.	1.6	46
193	Regional differences in dendritic spine density confer resilience to chronic social defeat stress. <i>Acta Neuropsychiatrica</i> , 2018, 30, 117-122.	1.0	46
194	Brain-spleen axis in health and diseases: A review and future perspective. <i>Brain Research Bulletin</i> , 2022, 182, 130-140.	1.4	46
195	Glycine and d-serine, but not d-cycloserine, attenuate prepulse inhibition deficits induced by NMDA receptor antagonist MK-801. <i>Psychopharmacology</i> , 2008, 198, 363-374.	1.5	45
196	Metabolomics of Major Depressive Disorder and Bipolar Disorder: Overview and Future Perspective. <i>Advances in Clinical Chemistry</i> , 2018, 84, 81-99.	1.8	45
197	Investigation of betaine as a novel psychotherapeutic for schizophrenia. <i>EBioMedicine</i> , 2019, 45, 432-446.	2.7	45
198	PPBP [4-Phenyl-1-(4-phenylbutyl) Piperidine] Decreases Brain Injury After Transient Focal Ischemia in Rats. <i>Stroke</i> , 1996, 27, 2120-2123.	1.0	45

#	ARTICLE	IF	CITATIONS
199	The antibiotic minocycline prevents methamphetamine-induced rewarding effects in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 101, 303-306.	1.3	44
200	Enzymes in the glutamate-glutamine cycle in the anterior cingulate cortex in postmortem brain of subjects with autism. <i>Molecular Autism</i> , 2013, 4, 6.	2.6	44
201	Therapeutic effects of metabotropic glutamate receptor 5 positive allosteric modulator <sc>CDPPB</sc> on phencyclidine-induced cognitive deficits in mice. <i>Fundamental and Clinical Pharmacology</i> , 2013, 27, 483-488.	1.0	44
202	Targeting of $\alpha 7$ Nicotinic Acetylcholine Receptors in the Treatment of Schizophrenia and the Use of Auditory Sensory Gating as a Translational Biomarker. <i>Current Pharmaceutical Design</i> , 2015, 21, 3797-3806.	0.9	44
203	Effect of the acute and chronic administration of the selective 5-HT ₆ receptor antagonist SB-271046 on the activity of midbrain dopamine neurons in rats: An in vivo electrophysiological study. <i>Synapse</i> , 2004, 52, 20-28.	0.6	43
204	Phencyclidine-induced cognitive deficits in mice are improved by subsequent subchronic administration of tropisetron: Role of $\alpha 7$ nicotinic receptors. <i>European Journal of Pharmacology</i> , 2006, 553, 191-195.	1.7	43
205	Omega-3 Fatty Acids for Secondary Prevention of Posttraumatic Stress Disorder After Accidental Injury. <i>Journal of Clinical Psychopharmacology</i> , 2010, 30, 217-219.	0.7	43
206	Protective effects of the antioxidant sulforaphane on behavioral changes and neurotoxicity in mice after the administration of methamphetamine. <i>Psychopharmacology</i> , 2012, 222, 37-45.	1.5	43
207	Personality Traits as Risk Factors for Treatment-Resistant Depression. <i>PLoS ONE</i> , 2013, 8, e63756.	1.1	43
208	Effects of sodium benzoate on pre-pulse inhibition deficits and hyperlocomotion in mice after administration of phencyclidine. <i>Acta Neuropsychiatrica</i> , 2015, 27, 159-167.	1.0	43
209	Intake of 7,8-Dihydroxyflavone During Juvenile and Adolescent Stages Prevents Onset of Psychosis in Adult Offspring After Maternal Immune Activation. <i>Scientific Reports</i> , 2016, 6, 36087.	1.6	43
210	5-Hydroxytryptamine-Independent Antidepressant Actions of (R)-Ketamine in a Chronic Social Defeat Stress Model. <i>International Journal of Neuropsychopharmacology</i> , 2018, 21, 157-163.	1.0	43
211	Low Openness on the Revised NEO Personality Inventory as a Risk Factor for Treatment-Resistant Depression. <i>PLoS ONE</i> , 2013, 8, e71964.	1.1	43
212	Decreased Serum Levels of Platelet-Endothelial Adhesion Molecule (PECAM-1) in Subjects with High-Functioning Autism: A Negative Correlation with Head Circumference at Birth. <i>Biological Psychiatry</i> , 2007, 62, 1056-1058.	0.7	42
213	Modulation of d-Serine Levels in Brains of Mice Lacking PICK1. <i>Biological Psychiatry</i> , 2008, 63, 997-1000.	0.7	42
214	Serum glutamine, set-shifting ability and anorexia nervosa. <i>Annals of General Psychiatry</i> , 2010, 9, 29.	1.2	42
215	Decreased levels of serum oxytocin in pediatric patients with Attention Deficit/Hyperactivity Disorder. <i>Psychiatry Research</i> , 2015, 228, 746-751.	1.7	42
216	Increased serum levels of serine enantiomers in patients with depression. <i>Acta Neuropsychiatrica</i> , 2016, 28, 173-178.	1.0	42

#	ARTICLE	IF	CITATIONS
217	PPBP [4-Phenyl-1-(4-phenylbutyl) Piperidine], a Potent \bar{I}_1 -Receptor Ligand, Decreases Brain Injury After Transient Focal Ischemia in Cats. <i>Stroke</i> , 1995, 26, 1676-1682.	1.0	42
218	Effects of the Antioxidant Sulforaphane on Hyperlocomotion and Prepulse Inhibition Deficits in Mice after Phencyclidine Administration. <i>Clinical Psychopharmacology and Neuroscience</i> , 2012, 10, 94-98.	0.9	42
219	Role of the mTOR signaling pathway in the rapid antidepressant action of ketamine. <i>Expert Review of Neurotherapeutics</i> , 2011, 11, 33-36.	1.4	41
220	Antidepressant Effects of (+)-MK-801 and (-)-MK-801 in the Social Defeat Stress Model. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyw080.	1.0	41
221	Treatment concerns for psychiatric symptoms in patients with COVID-19 with or without psychiatric disorders. <i>British Journal of Psychiatry</i> , 2020, 217, 351-351.	1.7	41
222	A functional glutathioneS-transferase P1 gene polymorphism is associated with methamphetamine-induced psychosis in Japanese population. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2005, 135B, 5-9.	1.1	40
223	Decreased expression of reelin receptor VLDLR in peripheral lymphocytes of drug-naive schizophrenic patients. <i>Schizophrenia Research</i> , 2008, 98, 148-156.	1.1	40
224	Improvement of dizocilpine-induced social recognition deficits in mice by brexpiprazole, a novel serotoninâ€“dopamine activity modulator. <i>European Neuropsychopharmacology</i> , 2015, 25, 356-364.	0.3	40
225	Effects of escitalopram, R-citalopram, and reboxetine on serum levels of tumor necrosis factor- $\hat{\pm}$, interleukin-10, and depression-like behavior in mice after lipopolysaccharide administration. <i>Pharmacology Biochemistry and Behavior</i> , 2016, 144, 7-12.	1.3	40
226	Neuropsychiatric Phenotypes Produced by GABA Reduction in Mouse Cortex and Hippocampus. <i>Neuropsychopharmacology</i> , 2018, 43, 1445-1456.	2.8	40
227	MPTP-induced dopaminergic neurotoxicity in mouse brain is attenuated after subsequent intranasal administration of (R)-ketamine: a role of TrkB signaling. <i>Psychopharmacology</i> , 2020, 237, 83-92.	1.5	40
228	High-affinity [3H]6-nitroquipazine binding sites in rat brain. <i>European Journal of Pharmacology</i> , 1990, 180, 273-281.	1.7	39
229	Rapid antidepressant effects and abuse liability of ketamine. <i>Psychopharmacology</i> , 2014, 231, 2041-2042.	1.5	39
230	Brain-derived neurotrophic factor (BDNF) and its precursor proBDNF as diagnostic biomarkers for major depressive disorder and bipolar disorder. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2015, 265, 83-84.	1.8	39
231	Reduced Mismatch Negativity is Associated with Increased Plasma Level of Glutamate in First-episode Psychosis. <i>Scientific Reports</i> , 2017, 7, 2258.	1.6	39
232	(S)-norketamine and (2S,6S)-hydroxynorketamine exert potent antidepressant-like effects in a chronic corticosterone-induced mouse model of depression. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 191, 172876.	1.3	39
233	Splenic NKG2D confers resilience versus susceptibility in mice after chronic social defeat stress: beneficial effects of (R)-ketamine. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 447-456.	1.8	39
234	Glycine Transport Inhibitors for the Treatment of Schizophrenia. <i>Open Medicinal Chemistry Journal</i> , 2010, 4, 10-19.	0.9	39

#	ARTICLE	IF	CITATIONS
235	No association of the brain-derived neurotrophic factor (BDNF) gene polymorphisms with panic disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2005, 29, 708-712.	2.5	38
236	Effects of aripiprazole on MK-801-induced prepulse inhibition deficits and mitogen-activated protein kinase signal transduction pathway. <i>Neuroscience Letters</i> , 2010, 471, 53-57.	1.0	38
237	Effects of brexpiprazole, a novel serotonin-dopamine activity modulator, on phencyclidine-induced cognitive deficits in mice: A role for serotonin 5-HT _{1A} receptors. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 124, 245-249.	1.3	38
238	Markers of glutamate signaling in cerebrospinal fluid and serum from patients with bipolar disorder and healthy controls. <i>European Neuropsychopharmacology</i> , 2015, 25, 133-140.	0.3	38
239	Prevention of methamphetamine-induced behavioral sensitization in rats by a cyclic AMP phosphodiesterase inhibitor, rolipram. <i>European Journal of Pharmacology</i> , 1996, 312, 163-170.	1.7	37
240	Role of the NMDA receptor in cognitive deficits, anxiety and depressive-like behavior in juvenile and adult mice after neonatal dexamethasone exposure. <i>Neurobiology of Disease</i> , 2014, 62, 124-134.	2.1	37
241	Key role of soluble epoxide hydrolase in the neurodevelopmental disorders of offspring after maternal immune activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7083-7088.	3.3	37
242	Potential Role of Brain-Derived Neurotrophic Factor in Omega-3 Fatty Acid Supplementation to Prevent Posttraumatic Distress after Accidental Injury: An Open-Label Pilot Study. <i>Psychotherapy and Psychosomatics</i> , 2011, 80, 310-312.	4.0	36
243	Longitudinal Changes in Serum Brain-Derived Neurotrophic Factor in Accident Survivors with Posttraumatic Stress Disorder. <i>Neuropsychobiology</i> , 2013, 68, 44-50.	0.9	36
244	7,8-Dihydroxyflavone, a TrkB agonist, attenuates behavioral abnormalities and neurotoxicity in mice after administration of methamphetamine. <i>Psychopharmacology</i> , 2014, 231, 159-166.	1.5	36
245	Dietary glucoraphanin prevents the onset of psychosis in the adult offspring after maternal immune activation. <i>Scientific Reports</i> , 2018, 8, 2158.	1.6	36
246	(R)-Ketamine Rapidly Ameliorates the Decreased Spine Density in the Medial Prefrontal Cortex and Hippocampus of Susceptible Mice After Chronic Social Defeat Stress. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 675-679.	1.0	36
247	(R)-Ketamine attenuates LPS-induced endotoxin-derived delirium through inhibition of neuroinflammation. <i>Psychopharmacology</i> , 2021, 238, 2743-2753.	1.5	36
248	Rolipram, a selective c-AMP phosphodiesterase inhibitor suppresses oro-facial dyskinetic movements in rats. <i>Life Sciences</i> , 1995, 56, PL443-PL447.	2.0	35
249	No change between the serum brain-derived neurotrophic factor in female patients with anorexia nervosa before and after partial weight recovery. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2006, 30, 1117-1121.	2.5	35
250	Irradiation in Adulthood as a New Model of Schizophrenia. <i>PLoS ONE</i> , 2008, 3, e2283.	1.1	35
251	Association study between the genetic polymorphisms of glutathione-related enzymes and schizophrenia in a Japanese population. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2009, 150B, 86-94.	1.1	35
252	Neuropeptide S attenuates neuropathological, neurochemical and behavioral changes induced by the NMDA receptor antagonist MK-801. <i>Neuropharmacology</i> , 2010, 58, 166-172.	2.0	35

#	ARTICLE	IF	CITATIONS
253	Beneficial effects of (R)-ketamine, but not its metabolite (2R,6R)-hydroxynorketamine, in the depression-like phenotype, inflammatory bone markers, and bone mineral density in a chronic social defeat stress model. <i>Behavioural Brain Research</i> , 2019, 368, 111904.	1.2	35
254	The R-Stereoisomer of Ketamine as an Alternative for Ketamine for Treatment-resistant Major Depression. <i>Clinical Psychopharmacology and Neuroscience</i> , 2014, 12, 72-73.	0.9	35
255	Alterations in biodistribution of [3H]ro 15-1788 in mice by acute stress: Possible changes in in vivo binding availability of brain benzodiazepine receptor. <i>International Journal of Nuclear Medicine and Biology</i> , 1985, 12, 369-374.	0.7	34
256	Dietary restriction changes behaviours in brain-derived neurotrophic factor heterozygous mice: role of serotonergic system. <i>European Journal of Neuroscience</i> , 2006, 24, 2335-2344.	1.2	34
257	Posterior cingulate gyrus metabolic changes in chronic schizophrenia with generalized cognitive deficits. <i>Journal of Psychiatric Research</i> , 2007, 41, 49-56.	1.5	34
258	Criterion and Construct Validity of the CogState Schizophrenia Battery in Japanese Patients with Schizophrenia. <i>PLoS ONE</i> , 2011, 6, e20469.	1.1	34
259	Docosahexaenoic Acid for Selective Prevention of Posttraumatic Stress Disorder Among Severely Injured Patients. <i>Journal of Clinical Psychiatry</i> , 2015, 76, e1015-e1022.	1.1	34
260	Deficits in auditory P50 inhibition in obsessive-compulsive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 288-296.	2.5	33
261	Effects of quetiapine on phencyclidine-induced cognitive deficits in mice: A possible role of α_1 -adrenoceptors. <i>European Neuropsychopharmacology</i> , 2009, 19, 861-867.	0.3	33
262	A pilot double-blind comparison of d-serine and high-dose olanzapine in treatment-resistant patients with schizophrenia. <i>Schizophrenia Research</i> , 2013, 150, 604-605.	1.1	33
263	Effects of amycenone on serum levels of tumor necrosis factor- α , interleukin-10, and depression-like behavior in mice after lipopolysaccharide administration. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 136, 7-12.	1.3	33
264	Supplementation with D-serine prevents the onset of cognitive deficits in adult offspring after maternal immune activation. <i>Scientific Reports</i> , 2016, 6, 37261.	1.6	33
265	Detrimental Side Effects of Repeated Ketamine Infusions in the Brain. <i>American Journal of Psychiatry</i> , 2016, 173, 1044-1045.	4.0	33
266	Lack of metabolism in (R)-ketamine's antidepressant actions in a chronic social defeat stress model. <i>Scientific Reports</i> , 2018, 8, 4007.	1.6	33
267	Betaine supplementation is associated with the resilience in mice after chronic social defeat stress: a role of brain-gut microbiota axis. <i>Journal of Affective Disorders</i> , 2020, 272, 66-76.	2.0	33
268	Glycine Transporter Inhibitors as Therapeutic Agents for Schizophrenia. <i>Recent Patents on CNS Drug Discovery</i> , 2006, 1, 43-53.	0.9	32
269	Determination of kynurenic acid in human serum and its correlation with the concentration of certain amino acids. <i>Clinica Chimica Acta</i> , 2007, 377, 174-178.	0.5	32
270	Decreased Serum Levels of Epidermal Growth Factor in Adult Subjects with High-Functioning Autism. <i>Biological Psychiatry</i> , 2007, 62, 267-269.	0.7	32

#	ARTICLE	IF	CITATIONS
271	Microglial activation in schizophrenia and minocycline treatment. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 1758-1759.	2.5	32
272	Association analyses between brain-expressed fatty acid binding protein (<i>FABP</i>) genes and schizophrenia and bipolar disorder. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2010, 153B, 484-493.	1.1	32
273	Recent Development of Radioligands for Imaging $\alpha 7$ Nicotinic Acetylcholine Receptors in the Brain. <i>Current Topics in Medicinal Chemistry</i> , 2010, 10, 1544-1557.	1.0	32
274	A Randomized, Double-Blind, Placebo-Controlled Trial of Fluvoxamine in Patients With Schizophrenia. <i>Journal of Clinical Psychopharmacology</i> , 2012, 32, 593-601.	0.7	32
275	Cytochrome P450 derived epoxidized fatty acids as a therapeutic tool against neuroinflammatory diseases. <i>Prostaglandins and Other Lipid Mediators</i> , 2020, 147, 106385.	1.0	32
276	Induction of heat shock protein (HSP)-70 in posterior cingulate and retrosplenial cortex of rat brain by dizocilpine and phencyclidine: lack of protective effects of $\alpha 7$ receptor ligands. <i>Addiction Biology</i> , 1996, 1, 61-70.	1.4	31
277	Glutamate Hypothesis of Schizophrenia and Approach for Possible Therapeutic Drugs. <i>Current Medicinal Chemistry - Central Nervous System Agents</i> , 2004, 4, 147-154.	0.6	31
278	$\alpha 7$ Nicotinic Receptor Agonists as Potential Therapeutic Drugs for Schizophrenia. <i>Current Medicinal Chemistry - Central Nervous System Agents</i> , 2005, 5, 171-184.	0.6	31
279	Identification of Functional Polymorphisms in the Promoter Region of the Human PICK1 Gene and Their Association With Methamphetamine Psychosis. <i>American Journal of Psychiatry</i> , 2007, 164, 1105-1114.	4.0	31
280	Alterations in serum amino acid concentrations in male and female schizophrenic patients. <i>Clinica Chimica Acta</i> , 2007, 380, 186-190.	0.5	31
281	Mithramycin protects against dopaminergic neurotoxicity in the mouse brain after administration of methamphetamine. <i>Brain Research</i> , 2009, 1301, 189-196.	1.1	31
282	In Vivo Evaluation of $\alpha 7$ Nicotinic Acetylcholine Receptor Agonists [11C]A-582941 and [11C]A-844606 in Mice and Conscious Monkeys. <i>PLoS ONE</i> , 2010, 5, e8961.	1.1	31
283	Biodistribution and radiation dosimetry of the $\alpha 7$ nicotinic acetylcholine receptor ligand [11C]CHIBA-1001 in humans. <i>Nuclear Medicine and Biology</i> , 2011, 38, 443-448.	0.3	31
284	Effects of TrkB agonist 7,8-dihydroxyflavone on sensory gating deficits in mice after administration of methamphetamine. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 106, 124-127.	1.3	31
285	Phencyclidine-induced cognitive deficits in mice are ameliorated by subsequent repeated intermittent administration of (R)-ketamine, but not (S)-ketamine: Role of BDNF-TrkB signaling. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 188, 172839.	1.3	31
286	(R)-ketamine ameliorates demyelination and facilitates remyelination in cuprizone-treated mice: A role of gut-microbiota-brain axis. <i>Neurobiology of Disease</i> , 2022, 165, 105635.	2.1	31
287	Effects of (R)-ketamine on reduced bone mineral density in ovariectomized mice: A role of gut microbiota. <i>Neuropharmacology</i> , 2022, 213, 109139.	2.0	31
288	Effect of acute and chronic administration of the selective 5-HT _{2C} receptor antagonist SB-243213 on midbrain dopamine neurons in the rat: An in vivo extracellular single cell study. <i>Synapse</i> , 2002, 46, 129-139.	0.6	30

#	ARTICLE	IF	CITATIONS
289	The Tachikawa cohort of motor vehicle accident study investigating psychological distress: design, methods and cohort profiles. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2009, 44, 333-340.	1.6	30
290	Decreased susceptibility to seizures induced by pentylenetetrazole in serine racemase knockout mice. <i>Epilepsy Research</i> , 2012, 102, 180-187.	0.8	30
291	Consensus paper of the WFSBP Task Force on Biological Markers: Criteria for biomarkers and endophenotypes of schizophrenia part II: Cognition, neuroimaging and genetics. <i>World Journal of Biological Psychiatry</i> , 2016, 17, 406-428.	1.3	30
292	Increased EphA4-ephexin1 signaling in the medial prefrontal cortex plays a role in depression-like phenotype. <i>Scientific Reports</i> , 2017, 7, 7133.	1.6	30
293	Impact of aerobic exercise on cognitive impairment and oxidative stress markers in methamphetamine-dependent patients. <i>Psychiatry Research</i> , 2018, 266, 328-333.	1.7	30
294	Effects of Age and Gender on the Expression of Brain-Derived Neurotrophic Factor mRNA in Rat Retrosplenial Cortex Following Administration of Dizocilpine. <i>Neuropsychopharmacology</i> , 2001, 25, 258-266.	2.8	29
295	Neuropharmacological Profile of a Novel Potential Atypical Antipsychotic Drug Y-931 (8-fluoro-12-(4-methylpiperazin-1-yl)-6H-[1]benzothieno[2,3-b][1,5] benzodiazepine maleate). <i>Neuropsychopharmacology</i> , 2002, 26, 456-467.	2.8	29
296	Fluvoxamine as a sigma-1 receptor agonist improved cognitive impairments in a patient with schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 1072-1073.	2.5	29
297	Muscle Atrophy and Motor Neuron Degeneration in Human NEDL1 Transgenic Mice. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-7.	3.0	29
298	Impaired processing speed and attention in first-episode drug naive schizophrenia with deficit syndrome. <i>Schizophrenia Research</i> , 2014, 159, 478-484.	1.1	29
299	What Are the Causes for Discrepancies of Antidepressant Actions of (2R,6R)-Hydroxynorketamine?. <i>Biological Psychiatry</i> , 2018, 84, e7-e8.	0.7	29
300	Lack of deuterium isotope effects in the antidepressant effects of (R)-ketamine in a chronic social defeat stress model. <i>Psychopharmacology</i> , 2018, 235, 3177-3185.	1.5	29
301	Role of Keap1-Nrf2 Signaling in Anhedonia Symptoms in a Rat Model of Chronic Neuropathic Pain: Improvement With Sulforaphane. <i>Frontiers in Pharmacology</i> , 2018, 9, 887.	1.6	29
302	Is (S)-norketamine an alternative antidepressant for esketamine?. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2019, 269, 867-868.	1.8	29
303	Schizophrenia-Like Dopamine Release Abnormalities in a Mouse Model of NMDA Receptor Hypofunction. <i>Schizophrenia Bulletin</i> , 2019, 45, 138-147.	2.3	29
304	Rapid-acting and long-lasting antidepressant-like action of (R)-ketamine in Nrf2 knock-out mice: a role of TrkB signaling. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 439-446.	1.8	29
305	Effects of antipsychotic drugs on neurotoxicity, expression of fos-like protein and c-fos mRNA in the retrosplenial cortex after administration of dizocilpine. <i>European Journal of Pharmacology</i> , 2000, 398, 1-10.	1.7	28
306	Association between the glutathione S-transferase M1 gene deletion and female methamphetamine abusers. <i>American Journal of Medical Genetics Part A</i> , 2004, 126B, 43-45.	2.4	28

#	ARTICLE	IF	CITATIONS
307	Potential of nerve growth factor-induced neurite outgrowth by the ROCK inhibitor Y-27632: A possible role of IP3 receptors. <i>European Journal of Pharmacology</i> , 2010, 648, 67-73.	1.7	28
308	Tropisetron and its targets in Alzheimer's disease. <i>Expert Opinion on Therapeutic Targets</i> , 2015, 19, 1-5.	1.5	28
309	Association between sigma-1 receptor gene polymorphism and prefrontal hemodynamic response induced by cognitive activation in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 491-498.	2.5	27
310	Characterization of [³ H]CHIBA-1001 binding to $\alpha 7$ nicotinic acetylcholine receptors in the brain from rat, monkey, and human. <i>Brain Research</i> , 2010, 1348, 200-208.	1.1	27
311	Interactions of the potent d-amino acid oxidase inhibitor CBIO with morphine in pain and tolerance to analgesia. <i>Neuropharmacology</i> , 2012, 63, 460-468.	2.0	27
312	Synthesis and SAR of 1-Hydroxy-1 <i>H</i> -benzo[<i>d</i>]imidazol-2(3 <i>H</i>)-ones as Inhibitors of <i>d</i> -Amino Acid Oxidase. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 839-843.	1.3	27
313	Possible involvement of brain-derived neurotrophic factor in eating disorders. <i>IUBMB Life</i> , 2012, 64, 355-361.	1.5	27
314	Neonatal Disruption of Serine Racemase Causes Schizophrenia-Like Behavioral Abnormalities in Adulthood: Clinical Rescue by D-Serine. <i>PLoS ONE</i> , 2013, 8, e62438.	1.1	27
315	Association between serum levels of glial cell-line derived neurotrophic factor and attention deficits in schizophrenia. <i>Neuroscience Letters</i> , 2014, 575, 37-41.	1.0	27
316	Antidepressant effects of TBE-31 and MCE-1, the novel Nrf2 activators, in an inflammation model of depression. <i>European Journal of Pharmacology</i> , 2016, 793, 21-27.	1.7	27
317	Role of NMDA receptor GluN2D subunit in the antidepressant effects of enantiomers of ketamine. <i>Journal of Pharmacological Sciences</i> , 2017, 135, 138-140.	1.1	27
318	Glycine Transport Inhibitors for the Treatment of Schizophrenia~!2009-09-10~!2009-09-21~!2010-05-27~!. <i>Open Medicinal Chemistry Journal</i> , 2010, 4, 10-19.	0.9	27
319	(+)-3-[2-(Benzo[<i>b</i>]thiophen-2-yl)-2-oxoethyl]-1-azabicyclo[2.2.2]octane as potent agonists for the $\alpha 7$ nicotinic acetylcholine receptor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 3781-3784.	1.0	26
320	No changes in serum ghrelin levels in female patients with bulimia nervosa. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2004, 28, 1181-1184.	2.5	26
321	A novel balanced chromosomal translocation found in subjects with schizophrenia and schizotypal personality disorder: Altered l-serine level associated with disruption of PSAT1 gene expression. <i>Neuroscience Research</i> , 2011, 69, 154-160.	1.0	26
322	Decreased levels of free d-aspartic acid in the forebrain of serine racemase (Srr) knock-out mice. <i>Neurochemistry International</i> , 2013, 62, 843-847.	1.9	26
323	Reliability and Validity of the CogState Battery Chinese Language Version in Schizophrenia. <i>PLoS ONE</i> , 2013, 8, e74258.	1.1	26
324	Glutamatergic system abnormalities in posttraumatic stress disorder. <i>Psychopharmacology</i> , 2015, 232, 4261-4268.	1.5	26

#	ARTICLE	IF	CITATIONS
325	Alterations of the daily rhythms of HPT axis induced by chronic unpredicted mild stress in rats. <i>Endocrine</i> , 2015, 48, 637-643.	1.1	26
326	Recent Advances in the Early Intervention in Schizophrenia: Future Direction from Preclinical Findings. <i>Current Psychiatry Reports</i> , 2019, 21, 75.	2.1	26
327	Effects of D-Amino Acid Oxidase Inhibitor on the Extracellular D-Alanine Levels and the Efficacy of D-Alanine on Dizocilpine-Induced Prepulse Inhibition Deficits in Mice. <i>The Open Clinical Chemistry Journal</i> , 2009, 2, 16-21.	0.7	26
328	Recent Topics on Pharmacotherapy for Amphetamine-Type Stimulants Abuse and Dependence. <i>Current Drug Abuse Reviews</i> , 2010, 3, 222-238.	3.4	26
329	Increased Levels of C1q in the Prefrontal Cortex of Adult Offspring after Maternal Immune Activation: Prevention by 7,8-Dihydroxyflavone. <i>Clinical Psychopharmacology and Neuroscience</i> , 2017, 15, 64-67.	0.9	26
330	Potential of neurite outgrowth by brexpiprazole, a novel serotonin/dopamine activity modulator: A role for serotonin 5-HT1A and 5-HT2A receptors. <i>European Neuropsychopharmacology</i> , 2015, 25, 505-511.	0.3	25
331	Occupancy of $\alpha 7$ Nicotinic Acetylcholine Receptors in the Brain by Tropisetron: A Positron Emission Tomography Study Using [¹¹ C]CHIBA-1001 in Healthy Human Subjects. <i>Clinical Psychopharmacology and Neuroscience</i> , 2011, 9, 111-116.	0.9	25
332	Nuclear factor of activated T cells 4 in the prefrontal cortex is required for prophylactic actions of (R)-ketamine. <i>Translational Psychiatry</i> , 2022, 12, 27.	2.4	25
333	In vivo labeling of sigma receptors in mouse brain with [³ H]4-phenyl-1-(4-phenylbutyl)piperidine. <i>Synapse</i> , 1995, 20, 85-90.	0.6	24
334	Suppression of oro-facial movements by rolipram, a cAMP phosphodiesterase inhibitor, in rats chronically treated with haloperidol. <i>European Journal of Pharmacology</i> , 1995, 282, 71-76.	1.7	24
335	Functional polymorphism of the NQO2 gene is associated with methamphetamine psychosis. <i>Addiction Biology</i> , 2005, 10, 145-148.	1.4	24
336	Disruption of reelin signaling attenuates methamphetamine-induced hyperlocomotion. <i>European Journal of Neuroscience</i> , 2007, 25, 3376-3384.	1.2	24
337	Dopaminergic hypofunctions and prepulse inhibition deficits in mice lacking midkine. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 541-546.	2.5	24
338	Ifenprodil for the Treatment of Flashbacks in Female Posttraumatic Stress Disorder Patients with a History of Childhood Sexual Abuse. <i>Biological Psychiatry</i> , 2012, 71, e7-e8.	0.7	24
339	Tipecidine in children with attention deficit/hyperactivity disorder: a 4-week, open-label, preliminary study. <i>Neuropsychiatric Disease and Treatment</i> , 2014, 10, 147.	1.0	24
340	Serum Oxytocin, Posttraumatic Coping and C-Reactive Protein in Motor Vehicle Accident Survivors by Gender. <i>Neuropsychobiology</i> , 2015, 71, 196-201.	0.9	24
341	No Sex-Specific Differences in the Acute Antidepressant Actions of (R)-Ketamine in an Inflammation Model. <i>International Journal of Neuropsychopharmacology</i> , 2018, 21, 932-937.	1.0	24
342	Increased expression of inwardly rectifying Kir4.1 channel in the parietal cortex from patients with major depressive disorder. <i>Journal of Affective Disorders</i> , 2019, 245, 265-269.	2.0	24

#	ARTICLE	IF	CITATIONS
343	The effect of the antipsychotic drug mosapramine on the expression of Fos protein in the rat brain. <i>Life Sciences</i> , 2000, 67, 2865-2872.	2.0	23
344	Acute and repeated administration of the selective 5-HT _{2A} receptor antagonist M100907 significantly alters the activity of midbrain dopamine neurons: An in vivo electrophysiological study. <i>Synapse</i> , 2001, 40, 102-112.	0.6	23
345	Orally active glutamate carboxypeptidase II inhibitor 2-MPPA attenuates dizocilpine-induced prepulse inhibition deficits in mice. <i>Brain Research</i> , 2011, 1371, 82-86.	1.1	23
346	Depressive-like behavior in adrenocorticotrophic hormone-treated rats blocked by memantine. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 102, 329-334.	1.3	23
347	Soluble epoxide hydrolase: a new therapeutic target for depression. <i>Expert Opinion on Therapeutic Targets</i> , 2016, 20, 1149-1151.	1.5	23
348	Regulation of brain-derived neurotrophic factor (BDNF) and its precursor proBDNF in the brain by serotonin. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2016, 266, 195-197.	1.8	23
349	Increased Serum Levels of Oxytocin in Treatment Resistant Depression in Adolescents (TRDIA) Group. <i>PLoS ONE</i> , 2016, 11, e0160767.	1.1	23
350	Role of NMDA receptor subtypes in the induction of catalepsy and increase in Fos protein expression after administration of haloperidol. <i>Brain Research</i> , 2004, 1011, 84-93.	1.1	22
351	Decreased serum levels of hepatocyte growth factor in male adults with high-functioning autism. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007, 31, 412-415.	2.5	22
352	Plasma estradiol levels and antidepressant effects of omega-3 fatty acids in pregnant women. <i>Brain, Behavior, and Immunity</i> , 2020, 85, 29-34.	2.0	22
353	Neuronal brain injury after cerebral ischemic stroke is ameliorated after subsequent administration of (R)-ketamine, but not (S)-ketamine. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 191, 172904.	1.3	22
354	Neurite Outgrowth Mediated by Translation Elongation Factor eEF1A1: A Target for Antiplatelet Agent Cilostazol. <i>PLoS ONE</i> , 2011, 6, e17431.	1.1	22
355	Improvement of Phencyclidine-Induced Cognitive Deficits in Mice by Subsequent Subchronic Administration of Fluvoxamine, but not Sertraline. <i>The Open Clinical Chemistry Journal</i> , 2009, 2, 7-11.	0.7	22
356	A CDC42EP4/septin-based perisynaptic glial scaffold facilitates glutamate clearance. <i>Nature Communications</i> , 2015, 6, 10090.	5.8	21
357	Deficits in emotion based decision-making in schizophrenia; a new insight based on the Iowa Gambling Task. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 57, 52-59.	2.5	21
358	Abnormal expression of colony stimulating factor 1 receptor (CSF1R) and transcription factor PU.1 (SPI1) in the spleen from patients with major psychiatric disorders: A role of brain-spleen axis. <i>Journal of Affective Disorders</i> , 2020, 272, 110-115.	2.0	21
359	Abnormal composition of microbiota in the gut and skin of imiquimod-treated mice. <i>Scientific Reports</i> , 2021, 11, 11265.	1.6	21
360	Microglial depletion and abnormalities in gut microbiota composition and short-chain fatty acids in mice after repeated administration of colony stimulating factor 1 receptor inhibitor PLX5622. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2022, 272, 483-495.	1.8	21

#	ARTICLE	IF	CITATIONS
361	Fecal microbiota transplantation from patients with rheumatoid arthritis causes depression-like behaviors in mice through abnormal T cells activation. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	21
362	Effects of benzylpiperazine derivatives on the neurotoxicity of 3,4-methylenedioxymethamphetamine in rat brain. <i>Brain Research</i> , 1992, 590, 341-344.	1.1	20
363	A case of methamphetamine use disorder treated with the antibiotic drug minocycline. <i>General Hospital Psychiatry</i> , 2010, 32, 559.e1-559.e3.	1.2	20
364	Impact of plasma transaminase levels on the peripheral blood glutamate levels and memory functions in healthy subjects. <i>BBA Clinical</i> , 2016, 5, 101-107.	4.1	20
365	Ethnic differences in the serum levels of proBDNF, a precursor of brain-derived neurotrophic factor (BDNF), in mood disorders. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2016, 266, 285-287.	1.8	20
366	Can the Sigma-1 Receptor Agonist Fluvoxamine Prevent Schizophrenia?. <i>CNS and Neurological Disorders - Drug Targets</i> , 2009, 8, 470-474.	0.8	20
367	The effects of dentate granule cell destruction on behavioural activity and Fos protein expression induced by systemic methamphetamine in rats. <i>British Journal of Pharmacology</i> , 2001, 134, 1411-1418.	2.7	19
368	The immunophilin ligand FK506 protects against methamphetamine-induced dopaminergic neurotoxicity in mouse striatum. <i>Neuropharmacology</i> , 2005, 48, 391-397.	2.0	19
369	Serum levels of P-selectin in men with high-functioning autism. <i>British Journal of Psychiatry</i> , 2008, 193, 338-339.	1.7	19
370	Fluvoxamine for aripiprazole-associated akathisia in patients with schizophrenia: a potential role of sigma-1 receptors. <i>Annals of General Psychiatry</i> , 2010, 9, 11.	1.2	19
371	Potential of NGF-induced neurite outgrowth in PC12 cells by papaverine: Role played by PLC- β 3, IP3 receptors. <i>Brain Research</i> , 2011, 1377, 32-40.	1.1	19
372	Role of Serine Racemase in Behavioral Sensitization in Mice after Repeated Administration of Methamphetamine. <i>PLoS ONE</i> , 2012, 7, e35494.	1.1	19
373	Comparison of rapid and long-lasting antidepressant effects of negative modulators of δ 5-containing GABAA receptors and (R)-ketamine in a chronic social defeat stress model. <i>Pharmacology Biochemistry and Behavior</i> , 2018, 175, 139-145.	1.3	19
374	Cognitive Impairment That Is Induced by (R)-Ketamine Is Abolished in NMDA GluN2D Receptor Subunit Knockout Mice. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 449-452.	1.0	19
375	Abnormalities of the composition of the gut microbiota and short-chain fatty acids in mice after splenectomy. <i>Brain, Behavior, & Immunity - Health</i> , 2021, 11, 100198.	1.3	19
376	Dextran sulfate sodium-induced inflammation and colitis in mice are ameliorated by (R)-ketamine, but not (S)-ketamine: A role of TrkB signaling. <i>European Journal of Pharmacology</i> , 2021, 897, 173954.	1.7	19
377	Old drug fluvoxamine, new hope for COVID-19. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2022, 272, 161-163.	1.8	19
378	Ketamine: anesthetic, psychotomimetic, antidepressant, or anthelmintic?. <i>Molecular Psychiatry</i> , 2022, 27, 3116-3118.	4.1	19

#	ARTICLE	IF	CITATIONS
379	Postischemic Brain Injury Is Affected Stereospecifically by Pentazocine in Rats. <i>Anesthesia and Analgesia</i> , 1997, 85, 353-357.	1.1	18
380	3,4-Methylenedioxymethamphetamine (MDMA, ecstasy)-induced egr-1 mRNA in rat brain: pharmacological manipulation. <i>European Journal of Pharmacology</i> , 2000, 402, 215-222.	1.7	18
381	The effects of FK506, a specific calcineurin inhibitor, on methamphetamine-induced behavioral change and its sensitization in rats. <i>Psychopharmacology</i> , 2001, 158, 107-113.	1.5	18
382	Protective effect of the antipsychotic drug zotepine on dizocilpine-induced neuropathological changes in rat retrosplenial cortex. <i>European Journal of Pharmacology</i> , 2003, 461, 93-98.	1.7	18
383	Effects of N-Acetyl-L-Cysteine on the Reduction of Brain Dopamine Transporters in Monkey Treated with Methamphetamine. <i>Annals of the New York Academy of Sciences</i> , 2004, 1025, 231-235.	1.8	18
384	Lack of association between angiotensin I-converting enzyme insertion/deletion gene functional polymorphism and panic disorder in humans. <i>Neuroscience Letters</i> , 2004, 363, 81-83.	1.0	18
385	Increased midkine levels in sera from patients with Alzheimer's disease. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2005, 29, 611-616.	2.5	18
386	Maintenance electroconvulsive therapy (ECT) for treatment-resistant disorganized schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007, 31, 571-573.	2.5	18
387	Determination of rat brain kynurenic acid by column-switching HPLC with fluorescence detection. <i>Biomedical Chromatography</i> , 2007, 21, 514-519.	0.8	18
388	Association and synergistic interaction between promoter variants of the DRD4 gene in Japanese schizophrenics. <i>Journal of Human Genetics</i> , 2007, 52, 86-91.	1.1	18
389	Genetic examination of the PLXNA2 gene in Japanese and Chinese people with schizophrenia. <i>Schizophrenia Research</i> , 2008, 99, 359-364.	1.1	18
390	Does hypofrontality expand to global brain area in progression of schizophrenia?: A cross-sectional study between first-episode and chronic schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 410-415.	2.5	18
391	Increased levels of ascorbic acid in the cerebrospinal fluid of cognitively intact elderly patients with major depression: a preliminary study. <i>Scientific Reports</i> , 2017, 7, 3485.	1.6	18
392	Deletion of serine racemase confers D-serine α -dependent resilience to chronic social defeat stress. <i>Neurochemistry International</i> , 2018, 116, 43-51.	1.9	18
393	Gamma-band auditory steady-state response is associated with plasma levels of d-serine in schizophrenia: An exploratory study. <i>Schizophrenia Research</i> , 2019, 208, 467-469.	1.1	18
394	The Efficacy of Omega-3 Fatty Acids for Depressive Symptoms among Pregnant Women in Japan and Taiwan: A Randomized, Double-Blind, Placebo-Controlled Trial (SYNCHRO; NCT01948596). <i>Psychotherapy and Psychosomatics</i> , 2019, 88, 122-124.	4.0	18
395	Brain-derived neurotrophic factor-TrkB signaling in the medial prefrontal cortex plays a role in the anhedonia-like phenotype after spared nerve injury. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020, 270, 195-205.	1.8	18
396	Allopregnanolone induces antidepressant-like effects through BDNF-TrkB signaling independent from AMPA receptor activation in a rat learned helplessness model of depression. <i>Behavioural Brain Research</i> , 2020, 390, 112670.	1.2	18

#	ARTICLE	IF	CITATIONS
397	Risk of psychosis after repeated intermittent administration of (S)-ketamine, but not (R)-ketamine, in mice. <i>Journal of Affective Disorders</i> , 2020, 269, 198-200.	2.0	18
398	A BDNF Val66Met Polymorphism and Ketamine-induced Rapid Antidepressant Action. <i>Clinical Psychopharmacology and Neuroscience</i> , 2012, 10, 59-60.	0.9	18
399	Sigma-1 receptor agonist fluvoxamine for delirium in patients with Alzheimer's disease. <i>Annals of General Psychiatry</i> , 2010, 9, 6.	1.2	17
400	Ifenprodil for the Treatment of Flashbacks in Adolescent Female Posttraumatic Stress Disorder Patients with a History of Abuse. <i>Psychotherapy and Psychosomatics</i> , 2013, 82, 344-345.	4.0	17
401	(R)-ketamine as prophylactic and therapeutic drug for neurological disorders: Beyond depression. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 139, 104762.	2.9	17
402	Association study between polymorphisms in glutathione-related genes and methamphetamine use disorder in a Japanese population. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2008, 147B, 1040-1046.	1.1	16
403	Plasma Levels of Soluble Tumor Necrosis Factor Receptor 2 (sTNFR2) Are Associated with Hippocampal Volume and Cognitive Performance in Patients with Schizophrenia. <i>International Journal of Neuropsychopharmacology</i> , 2018, 21, 631-639.	1.0	16
404	Impaired visual, working, and verbal memory in first-episode, drug-naive patients with major depressive disorder in a Chinese population. <i>PLoS ONE</i> , 2018, 13, e0196023.	1.1	16
405	Dietary intake of glucoraphanin during pregnancy and lactation prevents the behavioral abnormalities in the offspring after maternal immune activation. <i>Neuropsychopharmacology Reports</i> , 2020, 40, 268-274.	1.1	16
406	Perception of and anxiety about COVID-19 infection and risk behaviors for spreading infection: an international comparison. <i>Annals of General Psychiatry</i> , 2021, 20, 13.	1.2	16
407	Dizocilpine-induced neuropathological changes in rat retrosplenial cortex are reversed by subsequent clozapine treatment. <i>Life Sciences</i> , 2000, 66, 1071-1078.	2.0	15
408	Adenosine A1 Receptor Agonists Block the Neuropathological Changes in Rat Retrosplenial Cortex after Administration of the NMDA Receptor Antagonist Dizocilpine. <i>Neuropsychopharmacology</i> , 2004, 29, 544-550.	2.8	15
409	No changes in serum epidermal growth factor levels in patients with schizophrenia. <i>Psychiatry Research</i> , 2005, 135, 257-260.	1.7	15
410	Analysis of strain-dependent prepulse inhibition points to a role for <i>Shmt1</i> (<i>SHMT1</i>) in mice and in schizophrenia. <i>Journal of Neurochemistry</i> , 2010, 115, 1374-1385.	2.1	15
411	Enhancement of acoustic prepulse inhibition by contextual fear conditioning in mice is maintained even after contextual fear extinction. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010, 34, 183-188.	2.5	15
412	Differential levels of brain amino acids in rat models presenting learned helplessness or non-learned helplessness. <i>Psychopharmacology</i> , 2013, 229, 63-71.	1.5	15
413	Reduced serum paraoxonase 1 (PON1) activity in patients with schizophrenia treated with olanzapine but not quetiapine. <i>Neuropsychiatric Disease and Treatment</i> , 2013, 9, 1545.	1.0	15
414	Tipecidine in adolescent patients with depression: a 4 week, open-label, preliminary study. <i>Neuropsychiatric Disease and Treatment</i> , 2014, 10, 719.	1.0	15

#	ARTICLE	IF	CITATIONS
415	BDNF and proBDNF as biomarkers for bipolar disorder. <i>British Journal of Psychiatry</i> , 2014, 205, 410-410.	1.7	15
416	Blood d-serine levels as a predictive biomarker for the rapid antidepressant effects of the NMDA receptor antagonist ketamine. <i>Psychopharmacology</i> , 2014, 231, 4081-4082.	1.5	15
417	G protein-coupled receptor kinase 6 β -arrestin 2 system in a rat model of dopamine supersensitivity psychosis. <i>Journal of Psychopharmacology</i> , 2015, 29, 1308-1313.	2.0	15
418	Assessment of a multi-assay biological diagnostic test for mood disorders in a Japanese population. <i>Neuroscience Letters</i> , 2016, 612, 167-171.	1.0	15
419	Serine enantiomers as diagnostic biomarkers for schizophrenia and bipolar disorder. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2016, 266, 83-85.	1.8	15
420	Lack of antidepressant effects of low-voltage-sensitive T-type calcium channel blocker ethosuximide in a chronic social defeat stress model: Comparison with (R)-ketamine. <i>International Journal of Neuropsychopharmacology</i> , 2018, 21, 1031-1036.	1.0	15
421	Impact of serotonin transporter gene on rTMS augmentation of SSRIs for obsessive compulsive disorder. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 1771-1779.	1.0	15
422	Lack of rapid antidepressant effects of Kir4.1 channel inhibitors in a chronic social defeat stress model: Comparison with (R)-ketamine. <i>Pharmacology Biochemistry and Behavior</i> , 2019, 176, 57-62.	1.3	15
423	Lack of dopamine D1 receptors in the antidepressant actions of (R)-ketamine in a chronic social defeat stress model. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020, 270, 271-275.	1.8	15
424	Plasma levels of matrix metalloproteinase-9 (MMP-9) are associated with cognitive performance in patients with schizophrenia. <i>Neuropsychopharmacology Reports</i> , 2020, 40, 150-156.	1.1	15
425	Increased expression of soluble epoxide hydrolase in the brain and liver from patients with major psychiatric disorders: A role of brain-liver axis. <i>Journal of Affective Disorders</i> , 2020, 270, 131-134.	2.0	15
426	Regulation of neurotoxicity in the striatum and colon of MPTP-induced Parkinson's disease mice by gut microbiome. <i>Brain Research Bulletin</i> , 2021, 177, 103-110.	1.4	15
427	Soluble Epoxide Hydrolase as a Therapeutic Target for Neuropsychiatric Disorders. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4951.	1.8	15
428	Regionally different effects of scopolamine on NMDA antagonist-induced heat shock protein HSP70. <i>Brain Research</i> , 1997, 763, 255-258.	1.1	14
429	Protective effect of LY379268, a selective group II metabotropic glutamate receptor agonist, on dizocilpine-induced neuropathological changes in rat retrosplenial cortex. <i>Brain Research</i> , 2003, 992, 114-119.	1.1	14
430	Tachikawa project for prevention of posttraumatic stress disorder with polyunsaturated fatty acid (TPOP): study protocol for a randomized controlled trial. <i>BMC Psychiatry</i> , 2013, 13, 8.	1.1	14
431	Effects of AS2586114, a soluble epoxide hydrolase inhibitor, on hyperlocomotion and prepulse inhibition deficits in mice after administration of phencyclidine. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 110, 98-103.	1.3	14
432	Abnormalities of the glutamine-glutamate-GABA cycle in the schizophrenia brain. <i>Schizophrenia Research</i> , 2014, 156, 281-282.	1.1	14

#	ARTICLE	IF	CITATIONS
433	Intake of 7,8-dihydroxyflavone from pregnancy to weaning prevents cognitive deficits in adult offspring after maternal immune activation. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2017, 267, 479-483.	1.8	14
434	Less Social Support for Patients With COVID-19: Comparison With the Experience of Nurses. <i>Frontiers in Psychiatry</i> , 2021, 12, 554435.	1.3	14
435	(R)-Ketamine ameliorates lethal inflammatory responses and multi-organ injury in mice induced by cecum ligation and puncture. <i>Life Sciences</i> , 2021, 284, 119882.	2.0	14
436	Suppression of abnormal α -synuclein expression by activation of BDNF transcription ameliorates Parkinson's disease-like pathology. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 29, 1-15.	2.3	14
437	Induction of Fos protein by 3,4- methylenedioxymethamphetamine (Ecstasy) in rat brain: regional differences in pharmacological manipulation. <i>Addiction Biology</i> , 1997, 2, 317-326.	1.4	13
438	Functional Polymorphism of the Glutathione Peroxidase 1 Gene Is Associated with Personality Traits in Healthy Subjects. <i>Neuropsychobiology</i> , 2005, 52, 68-70.	0.9	13
439	Glycine Transporter-1 Inhibitors as Novel Therapeutic Drugs for Schizophrenia. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2007, 7, 177-182.	0.5	13
440	Shortened protocol in practical [11C]SA4503-PET studies for sigma1 receptor quantification. <i>Annals of Nuclear Medicine</i> , 2008, 22, 143-146.	1.2	13
441	Fluvoxamine for blonanserin-associated akathisia in patients with schizophrenia: report of five cases. <i>Annals of General Psychiatry</i> , 2010, 9, 17.	1.2	13
442	Can minocycline prevent the onset of Alzheimer's disease?. <i>Annals of Neurology</i> , 2011, 69, 739-739.	2.8	13
443	Is D-Cycloserine a Prodrug for D-Serine in the Brain?. <i>Biological Psychiatry</i> , 2013, 73, e33-e34.	0.7	13
444	Omega-3 fatty acid supplementation for expectant mothers with depressive symptoms in Japan and Taiwan: An open-label trial. <i>Psychiatry and Clinical Neurosciences</i> , 2016, 70, 253-254.	1.0	13
445	Are NMDA and opioid receptors involved in the antidepressant actions of ketamine?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11200-11201.	3.3	13
446	Glyphosate exposure exacerbates the dopaminergic neurotoxicity in the mouse brain after repeated administration of MPTP. <i>Neuroscience Letters</i> , 2020, 730, 135032.	1.0	13
447	Antidepressant Effects of Ketamine on Depression-like Behavior in Juvenile Mice after Neonatal Dexamethasone Exposure. <i>Clinical Psychopharmacology and Neuroscience</i> , 2014, 12, 124-127.	0.9	13
448	Gut-microbiota-brain axis in the vulnerability to psychosis in adulthood after repeated cannabis exposure during adolescence. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2022, 272, 1297-1309.	1.8	13
449	Synthesis and evaluation of [11C]cyanoimipramine. <i>International Journal of Radiation Applications and Instrumentation Part B, Nuclear Medicine and Biology</i> , 1987, 14, 587-592.	0.3	12
450	Two clusters of serum midkine levels in drug-naive patients with schizophrenia. <i>Neuroscience Letters</i> , 2003, 344, 95-98.	1.0	12

#	ARTICLE	IF	CITATIONS
451	Fluvoxamine monotherapy for psychotic depression: the potential role of sigma-1 receptors. <i>Annals of General Psychiatry</i> , 2009, 8, 26.	1.2	12
452	Sigma-1 receptor agonist fluvoxamine for delirium in intensive care units: report of five cases. <i>Annals of General Psychiatry</i> , 2010, 9, 18.	1.2	12
453	The opposite effects of fluvoxamine and sertraline in the treatment of psychotic major depression: a case report. <i>Annals of General Psychiatry</i> , 2010, 9, 23.	1.2	12
454	Effects of etizolam and ethyl loflazepate on the P300 event-related potential in healthy subjects. <i>Annals of General Psychiatry</i> , 2010, 9, 37.	1.2	12
455	In vivo evaluation of carbon-11-labelled non-sarcosine-based glycine transporter 1 inhibitors in mice and conscious monkeys. <i>Nuclear Medicine and Biology</i> , 2011, 38, 517-527.	0.3	12
456	Serum neuropeptide Y in accident survivors with depression or posttraumatic stress disorder. <i>Neuroscience Research</i> , 2014, 83, 8-12.	1.0	12
457	Decreased serum levels of brain-derived neurotrophic factor in schizophrenic patients with deficit syndrome. <i>Neuropsychiatric Disease and Treatment</i> , 2015, 11, 865.	1.0	12
458	Peripheral IL-6 signaling: a promising therapeutic target for depression?. <i>Expert Opinion on Investigational Drugs</i> , 2015, 24, 989-990.	1.9	12
459	Increased serum levels of apoptosis in deficit syndrome schizophrenia patients: a preliminary study. <i>Neuropsychiatric Disease and Treatment</i> , 2016, 12, 1261.	1.0	12
460	Role of Inflammatory Bone Markers in the Antidepressant Actions of (R)-Ketamine in a Chronic Social Defeat Stress Model. <i>International Journal of Neuropsychopharmacology</i> , 2018, 21, 1025-1030.	1.0	12
461	Decreased bone mineral density in ovariectomized mice is ameliorated after subsequent repeated intermittent administration of (R)-ketamine, but not (S)-ketamine. <i>Neuropsychopharmacology Reports</i> , 2020, 40, 401-406.	1.1	12
462	Intranasal administration of transforming growth factor- β 21 elicits rapid-acting antidepressant-like effects in a chronic social defeat stress model: A role of TrkB signaling. <i>European Neuropsychopharmacology</i> , 2021, 50, 55-63.	0.3	12
463	Neuropsychological Impairment and Its Association with Violence Risk in Japanese Forensic Psychiatric Patients: A Case-Control Study. <i>PLoS ONE</i> , 2016, 11, e0148354.	1.1	12
464	Mechanical and Histological Investigations on Pressureless Sintered SiC Dental Implants. <i>Okajimas Folia Anatomica Japonica</i> , 1999, 75, 281-296.	1.2	12
465	Beneficial Effects of Sigma-1 Agonist Fluvoxamine for Tardive Dyskinesia and Tardive Akathisia in Patients with Schizophrenia: Report of Three Cases. <i>Psychiatry Investigation</i> , 2013, 10, 417.	0.7	12
466	Regulation of BDNF transcription by Nrf2 and MeCP2 ameliorates MPTP-induced neurotoxicity. <i>Cell Death Discovery</i> , 2022, 8, .	2.0	12
467	Long-lasting beneficial effects of maternal intake of sulforaphane glucosinolate on gut microbiota in adult offspring. <i>Journal of Nutritional Biochemistry</i> , 2022, 109, 109098.	1.9	12
468	Acute and chronic administration of the selective 5-HT1A receptor antagonist WAY-405 significantly alters the activity of midbrain dopamine neurons in rats: An in vivo electrophysiological study. <i>Synapse</i> , 2003, 50, 181-190.	0.6	11

#	ARTICLE	IF	CITATIONS
469	Serum Brain-Derived Neurotrophic Factor as a Predictor of Incident Dementia. <i>JAMA Neurology</i> , 2014, 71, 653.	4.5	11
470	Increased serum G72 protein levels in patients with schizophrenia: a potential candidate biomarker. <i>Acta Neuropsychiatrica</i> , 2017, 29, 80-86.	1.0	11
471	Dietary intake of glucoraphanin prevents the reduction of dopamine transporter in the mouse striatum after repeated administration of MPTP. <i>Neuropsychopharmacology Reports</i> , 2019, 39, 247-251.	1.1	11
472	Impact of consuming green and yellow vegetables on the depressive symptoms of junior and senior high school students in Japan. <i>PLoS ONE</i> , 2019, 14, e0211323.	1.1	11
473	Beneficial effects of anti-RANKL antibody in depression-like phenotype, inflammatory bone markers, and bone mineral density in male susceptible mice after chronic social defeat stress. <i>Behavioural Brain Research</i> , 2020, 379, 112397.	1.2	11
474	Association of CACNA1C polymorphisms with serum BDNF levels in bipolar disorder. <i>British Journal of Psychiatry</i> , 2021, 218, 77-79.	1.7	11
475	Autism-like Behaviors in Male Juvenile Offspring after Maternal Glyphosate Exposure. <i>Clinical Psychopharmacology and Neuroscience</i> , 2021, 19, 554-558.	0.9	11
476	Recent Advances in Potential Therapeutic Drugs for Cognitive Impairment in Schizophrenia. <i>Current Psychiatry Reviews</i> , 2012, 8, 140-150.	0.9	11
477	Evaluation of 3H-paroxetine as a radioligand for in vivo study of 5-hydroxytryptamine uptake sites in mouse brain.. <i>Radioisotopes</i> , 1990, 39, 335-341.	0.1	11
478	Role of d-serine in the beneficial effects of repetitive transcranial magnetic stimulation in post-stroke patients. <i>Acta Neuropsychiatrica</i> , 2020, 32, 128-134.	1.0	11
479	High-affinity binding of [3H]6-nitroquipazine to 5-hydroxytryptamine transporter in human platelets. <i>European Journal of Pharmacology</i> , 1990, 187, 295-302.	1.7	10
480	Analysis of correlation between serum d-serine levels and functional promoter polymorphisms of GRIN2A and GRIN2B genes. <i>Neuroscience Letters</i> , 2006, 394, 101-104.	1.0	10
481	Comments on "An Innovative Design to Establish Proof of Concept of the Antidepressant Effects of the NR2B Subunit Selective N-Methyl-d-Aspartate Antagonist, CP-101,606, in Patients With Treatment-Refractory Major Depressive Disorder". <i>Journal of Clinical Psychopharmacology</i> , 2009, 29, 411-412.	0.7	10
482	Pharmacological characterization of [125I]CHIBA-1006 binding, a new radioligand for $\alpha 7$ nicotinic acetylcholine receptors, to rat brain membranes. <i>Brain Research</i> , 2010, 1360, 130-137.	1.1	10
483	Understanding depression: linking brain-derived neurotrophic factor, transglutaminase 2 and serotonin. <i>Expert Review of Neurotherapeutics</i> , 2013, 13, 5-7.	1.4	10
484	The synchronized trial on expectant mothers with depressive symptoms by omega-3 PUFAs (SYNCHRO): Study protocol for a randomized controlled trial. <i>BMC Psychiatry</i> , 2016, 16, 321.	1.1	10
485	Rapid Antidepressant Activity of Ketamine Beyond NMDA Receptor. , 2017, , 69-81.		10
486	The recency ratio is associated with reduced CSF glutamate in late-life depression. <i>Neurobiology of Learning and Memory</i> , 2017, 141, 14-18.	1.0	10

#	ARTICLE	IF	CITATIONS
487	Altered serum level of matrix metalloproteinase-9 and its association with decision-making in eating disorders. <i>Psychiatry and Clinical Neurosciences</i> , 2017, 71, 124-134.	1.0	10
488	Platelet-derived growth factor BB: A potential diagnostic blood biomarker for differentiating bipolar disorder from major depressive disorder. <i>Journal of Psychiatric Research</i> , 2021, 134, 48-56.	1.5	10
489	Preparation of (3H)6-nitroquipazine, a potent and selective 5-hydroxytryptamine uptake inhibitor.. <i>Radioisotopes</i> , 1990, 39, 168-169.	0.1	10
490	Repeated intermittent administration of (R)-ketamine during juvenile and adolescent stages prevents schizophrenia-relevant phenotypes in adult offspring after maternal immune activation: a role of TrkB signaling. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2022, 272, 693-701.	1.8	10
491	Amantadine induces c-fos in rat striatum: Reversal with dopamine D1 and NMDA receptor antagonists. <i>European Journal of Pharmacology</i> , 1995, 285, 207-211.	1.7	9
492	Postischemic Brain Injury Is Affected Stereospecifically by Pentazocine in Rats. <i>Anesthesia and Analgesia</i> , 1997, 85, 353-357.	1.1	9
493	Auditory-conditioned-fear-dependent c-Fos expression is altered in the emotion-related brain structures of Fyn-deficient mice. <i>Molecular Brain Research</i> , 2004, 130, 149-160.	2.5	9
494	Fluvoxamine improved cognitive impairments in a patient with schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010, 34, 1345-1346.	2.5	9
495	Fluvoxamine may prevent onset of psychosis: a case report of a patient at ultra-high risk of psychotic disorder. <i>Annals of General Psychiatry</i> , 2011, 10, 26.	1.2	9
496	Old drug ifenprodil, new hope for PTSD with a history of childhood abuse. <i>Psychopharmacology</i> , 2013, 227, 375-376.	1.5	9
497	Opposite roles for neuropeptide S in the nucleus accumbens and bed nucleus of the stria terminalis in learned helplessness rats. <i>Behavioural Brain Research</i> , 2015, 291, 67-71.	1.2	9
498	Lack of dopamine supersensitivity in rats after chronic administration of blonanserin: Comparison with haloperidol. <i>European Journal of Pharmacology</i> , 2018, 830, 26-32.	1.7	9
499	Risk of neuropsychiatric disorders in offspring of COVID-19-infected pregnant women and nutritional intervention. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 387-389.	1.8	9
500	Effect of repetitive transcranial magnetic stimulation on the kynurenine pathway in stroke patients. <i>NeuroReport</i> , 2020, 31, 629-636.	0.6	9
501	Pharmacological Characterization of [3H]CHIBA-3007 Binding to Glycine Transporter 1 in the Rat Brain. <i>PLoS ONE</i> , 2011, 6, e21322.	1.1	9
502	Antidepressant-like actions of the mGlu2/3 receptor antagonist TP0178894 in the chronic social defeat stress model: Comparison with escitalopram. <i>Pharmacology Biochemistry and Behavior</i> , 2022, 212, 173316.	1.3	9
503	Expression of cyclooxygenase-2 mRNA in rat retrosplenial cortex following administration of phencyclidine. <i>Brain Research</i> , 1997, 762, 259-263.	1.1	8
504	Expression of Fos protein in rat brain following administration of a nicotinic acetylcholine receptor agonist epibatidine. <i>Brain Research</i> , 1998, 797, 135-142.	1.1	8

#	ARTICLE	IF	CITATIONS
505	Association between angiotensin I-converting enzyme insertion/deletion gene functional polymorphism and novelty seeking personality in healthy females. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2006, 30, 99-103.	2.5	8
506	Failure to confirm the association between the <i>PIK4CA</i> gene and schizophrenia in a Japanese population. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2009, 150B, 450-452.	1.1	8
507	Serum Brain-derived Neurotrophic Factor and Antidepressant-naïve Major Depression After Lung Cancer Diagnosis. <i>Japanese Journal of Clinical Oncology</i> , 2011, 41, 1233-1237.	0.6	8
508	Prenatal immune activation and subsequent peripubertal stress as a new model of schizophrenia. <i>Expert Review of Neurotherapeutics</i> , 2013, 13, 747-750.	1.4	8
509	Genetic association between G protein-coupled receptor kinase 6/β-arrestin 2 and dopamine supersensitivity psychosis in schizophrenia. <i>Neuropsychiatric Disease and Treatment</i> , 2015, 11, 1845.	1.0	8
510	Alterations in amino acid levels in mouse brain regions after adjunctive treatment of brexpiprazole with fluoxetine: comparison with (R)-ketamine. <i>Psychopharmacology</i> , 2017, 234, 3165-3173.	1.5	8
511	Reduction of Severity of Recurrent Psychotic Episode by Sustained Treatment with Aripiprazole in a Schizophrenic Patient with Dopamine Supersensitivity: A Case Report. <i>Clinical Psychopharmacology and Neuroscience</i> , 2017, 15, 79-81.	0.9	8
512	Editorial: Glutamate-Related Biomarkers for Neuropsychiatric Disorders. <i>Frontiers in Psychiatry</i> , 2019, 10, 904.	1.3	8
513	A Case Report of Suicide Attempt Caused by Acute and Transient Psychotic Disorder during the COVID-19 Outbreak. <i>Case Reports in Psychiatry</i> , 2020, 2020, 1-3.	0.2	8
514	Brain-derived neurotrophic factor-TrkB signaling and the mechanism of antidepressant activity by ketamine in mood disorders. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020, 270, 137-138.	1.8	8
515	Deuterium isotope effect of [¹¹ C]N, N-dimethylphenethyl-amine- ^{1±} , ^{1±} -d ₂ ; reduction in metabolic trapping rate in brain. <i>International Journal of Radiation Applications and Instrumentation Part B, Nuclear Medicine and Biology</i> , 1986, 13, 79-80.	0.3	7
516	High-affinity [³ H]6-nitroquipazine binding to the 5-hydroxytryptamine transport system in rat lung. <i>Biochemical Pharmacology</i> , 1991, 41, 1679-1682.	2.0	7
517	Lack of neuroprotective effect of 5-HT _{2A} receptor ligands in the neurotoxicity of p-chloroamphetamine in rat brain. <i>European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section</i> , 1995, 293, 277-280.	0.8	7
518	YM90K, a selective-amino-3-hydroxy-5-methyl-4-isoxazole propionate (AMPA) receptor antagonist, prevents induction of heat shock protein HSP -70 and hsp -70 mRNA in rat retrosplenial cortex by phencyclidine. <i>Addiction Biology</i> , 1997, 2, 47-56.	1.4	7
519	Expression of brain-derived neurotrophic factor (BDNF) mRNA in rat retrosplenial cortex following administration of phencyclidine. <i>Addiction Biology</i> , 1998, 3, 79-83.	1.4	7
520	Increased expression of zif268 mRNA in rat retrosplenial cortex following administration of phencyclidine. <i>Brain Research</i> , 1999, 839, 180-185.	1.1	7
521	Subchronic treatment with methamphetamine and phencyclidine differentially alters the adenosine A1 and A2A receptors in the prefrontal cortex, hippocampus, and striatum of the rat. <i>Neurochemical Research</i> , 2001, 26, 363-368.	1.6	7
522	Reply to: The hyperglutamatergic hypothesis of autism. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 912-913.	2.5	7

#	ARTICLE	IF	CITATIONS
523	Sigma-1 receptor agonist fluvoxamine for postoperative delirium in older adults: report of three cases. <i>Annals of General Psychiatry</i> , 2010, 9, 28.	1.2	7
524	Abnormality of cerebral perfusion in the posterior cingulate gyrus of a refractory patient with schizophrenia and minocycline treatment. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010, 34, 1132.	2.5	7
525	Effects of Add-On Cilostazol on Cognition in Patients With Schizophrenia. <i>Journal of Clinical Psychopharmacology</i> , 2011, 31, 659-661.	0.7	7
526	Sigma-1 receptor agonist fluvoxamine for delirium in older adults. <i>International Journal of Geriatric Psychiatry</i> , 2012, 27, 981-983.	1.3	7
527	Therapeutic implications for NMDA receptors in mood disorders. <i>Expert Review of Neurotherapeutics</i> , 2013, 13, 735-737.	1.4	7
528	Increased BDNF-TrkB signaling in the nucleus accumbens plays a role in the risk for psychosis after cannabis exposure during adolescence. <i>Pharmacology Biochemistry and Behavior</i> , 2019, 177, 61-68.	1.3	7
529	Lack of rewarding effects of a soluble epoxide hydrolase inhibitor TPPU in mice: Comparison with morphine. <i>Neuropsychopharmacology Reports</i> , 2020, 40, 412-416.	1.1	7
530	Abnormalities in the composition of the gut microbiota in mice after repeated administration of DREADD ligands. <i>Brain Research Bulletin</i> , 2021, 173, 66-73.	1.4	7
531	Beneficial Effects of the Sigma-1 Agonist Fluvoxamine for Tardive Dyskinesia in Patients With Postpsychotic Depressive Disorder of Schizophrenia. <i>primary care companion for CNS disorders</i> , The, 2012, 14, .	0.2	7
532	(R)-ketamine ameliorates the progression of experimental autoimmune encephalomyelitis in mice. <i>Brain Research Bulletin</i> , 2021, 177, 316-323.	1.4	7
533	Deleterious effects of nervous system in the offspring following maternal SARS-CoV-2 infection during the COVID-19 pandemic. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	7
534	Gut microbiota-brain axis by bile acids in depression. <i>Psychiatry and Clinical Neurosciences</i> , 2022, 76, 281-281.	1.0	7
535	Acute effect of c-fos antisense oligodeoxynucleotide on hippocampal partial seizures elicited by electrical stimulation in rats. <i>Neuroscience Letters</i> , 1997, 225, 149-152.	1.0	6
536	Comparative evaluation of two serotonin transporter ligands in the human brain: [¹¹ C](+)McN5652 and [¹¹ C]cyanoimipramine. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2002, 29, 1289-1297.	3.3	6
537	Effects of add-on tipegidine on treatment-resistant depression: an open-label pilot trial. <i>Acta Neuropsychiatrica</i> , 2016, 28, 51-54.	1.0	6
538	Alterations in glutamatergic signaling in the brain of dopamine supersensitivity psychosis and non-supersensitivity psychosis model rats. <i>Psychopharmacology</i> , 2017, 234, 3027-3036.	1.5	6
539	Antipsychotic-like effects of a novel phosphodiesterase 10A inhibitor T-251 in rodents. <i>Pharmacology Biochemistry and Behavior</i> , 2019, 185, 172757.	1.3	6
540	Efficacy of anticonvulsant ethosuximide for major depressive disorder: a randomized, placebo-control clinical trial. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 487-493.	1.8	6

#	ARTICLE	IF	CITATIONS
541	Abnormal gene expression of BDNF, but not BDNF-AS, in iPSC, neural stem cells and postmortem brain samples from bipolar disorder. <i>Journal of Affective Disorders</i> , 2021, 290, 61-64.	2.0	6
542	Changes in in vivo binding of 3H-Ro 15-1788 in mouse brain by reserpine. <i>International Journal of Radiation Applications and Instrumentation Part B, Nuclear Medicine and Biology</i> , 1988, 15, 637-644.	0.3	5
543	Does an Increase of Cyclic AMP Prevent Methamphetamine-Induced Behavioral Sensitization in Rats?. <i>Annals of the New York Academy of Sciences</i> , 1996, 801, 377-383.	1.8	5
544	Induction of heat shock protein HSP-70 in rat retrosplenial cortex following administration of dextromethorphan. <i>Environmental Toxicology and Pharmacology</i> , 1996, 1, 235-239.	2.0	5
545	regulation of serotonin 5-HT2a receptors in rat brain by subchronic administration of β receptor ligand NE-100. <i>Life Sciences</i> , 1997, 60, 2245-2254.	2.0	5
546	Further analysis of microsatellite marker in theBDNFgene. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2005, 135B, 103-103.	1.1	5
547	Regarding "N-Acetyl Cysteine as a Glutathione Precursor for Schizophrenia" A Double-Blind, Randomized, Placebo-Controlled Trial. <i>Biological Psychiatry</i> , 2008, 64, e1.	0.7	5
548	Old drug tipegidine as new hope for children with ADHD. <i>Australian and New Zealand Journal of Psychiatry</i> , 2015, 49, 181-182.	1.3	5
549	Antipsychotic-like effects of a novel phosphodiesterase 10A inhibitor MT-3014 in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 196, 172972.	1.3	5
550	Neural rhythm in the retrosplenial cortex during ketamine-induced dissociation. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 583-585.	1.8	5
551	Serum levels of glial cell line-derived neurotrophic factor as a biomarker for mood disorders and lithium response. <i>Psychiatry Research</i> , 2021, 301, 113967.	1.7	5
552	The Toll-like receptor 4 antagonist TAK-242 induces antidepressant-like effects in a rat learned helplessness model of depression through BDNF-TrkB signaling and AMPA receptor activation. <i>Behavioural Brain Research</i> , 2022, 423, 113769.	1.2	5
553	Synthesis of racemic, S(+)- and R(-)-N-[methyl-3H]3,4-methylenedioxymethamphetamine. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1990, 28, 465-469.	0.5	4
554	Effects of benzylpiperazine derivatives on the acute effects of 3,4-methylenedioxymethamphetamine in rat brain. <i>Neuroscience Letters</i> , 1993, 152, 17-20.	1.0	4
555	Radiosynthesis of [18 F]N-(4-phenylbutyl)-4-(4-fluorobenzoyl)piperidine for studying serotonin 5-HT2a receptors. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1998, 41, 941-949.	0.5	4
556	Effect of the acute and chronic administration of the putative atypical antipsychotic drug Y-931 (8-fluoro-12-(4-methylpiperazin-1-yl)-6H-[1]benzothieno[2,3b][1,5] benzodiazepine maleate) on spontaneously active rat midbrain dopamine neurons: An in vivo electrophysiological study. <i>Synapse</i> , 2004, 51, 19-26.	0.6	4
557	Decreased cell proliferation in the dentate gyrus of $\alpha 7$ nicotinic acetylcholine receptor heterozygous mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2004, 28, 517-520.	2.5	4
558	Blepharospasm associated with olanzapine: a case report. <i>European Psychiatry</i> , 2004, 19, 389-389.	0.1	4

#	ARTICLE	IF	CITATIONS
559	Comments on "The effect of risperidone on D-amino acid oxidase activity as a hypothesis for a novel mechanism of action in the treatment of schizophrenia". <i>Journal of Psychopharmacology</i> , 2010, 24, 1133-1134.	2.0	4
560	Role of EphA4 signaling in the pathogenesis of amyotrophic lateral sclerosis and therapeutic potential of traditional Chinese medicine rhynchophylline. <i>Psychopharmacology</i> , 2015, 232, 2873-2875.	1.5	4
561	On the Eve of Upgrading Antidepressants: (R)-Ketamine and Its Metabolites. <i>Neuroscience Bulletin</i> , 2016, 32, 565-568.	1.5	4
562	Differences between Japan and Taiwan in the treatment of pregnant women with depressive symptoms by omega-3 fatty acids: An open-label pilot study. <i>Nutritional Neuroscience</i> , 2019, 22, 63-71.	1.5	4
563	Effects of repeated electroconvulsive shocks on dopamine supersensitivity psychosis model rats. <i>Schizophrenia Research</i> , 2021, 228, 1-6.	1.1	4
564	A Study of Remitted and Treatment-Resistant Depression Using MMPI and Including Pessimism and Optimism Scales. <i>PLoS ONE</i> , 2014, 9, e109137.	1.1	4
565	Effects of KrF Excimer Laser Irradiation on Human Dental Enamel. <i>Okajimas Folia Anatomica Japonica</i> , 2000, 76, 321-333.	1.2	4
566	Post-traumatic Stress Disorder Symptoms in a Female Patient Following Repeated Teasing: Treatment with Gabapentin and Lamotrigine and the Possible Role of Sensitization. <i>Clinical Psychopharmacology and Neuroscience</i> , 2014, 12, 240-242.	0.9	4
567	Combination of Nitrous Oxide with Isoflurane or Scopolamine for Treatment-resistant Major Depression. <i>Clinical Psychopharmacology and Neuroscience</i> , 2015, 13, 118-120.	0.9	4
568	Upregulation of heat-shock protein HSP-70 and glutamate transporter-1/glutamine synthetase in the striatum and hippocampus in haloperidol-induced dopamine-supersensitivity-state rats. <i>Pharmacology Biochemistry and Behavior</i> , 2021, 211, 173288.	1.3	4
569	Comments to "Fluvoxamine and long COVID-19: a new role for sigma-1 receptor (S1R) agonists" by Khani and Entezari-Maleki. <i>Molecular Psychiatry</i> , 2022, 27, 3563-3564.	4.1	4
570	Antagonism of 3,4-methylenedioxymethamphetamine-induced neurotoxicity in rat brain by 1-piperonylpiperazine. <i>European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section</i> , 1992, 228, 171-174.	0.8	3
571	Drug effects on distribution of [3H]3,4-methylenedioxymethamphetamine in mice. <i>European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section</i> , 1993, 228, 247-256.	0.8	3
572	Association study between the <i>PIK4CA</i> gene and methamphetamine use disorder in a Japanese population. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2009, 150B, 233-238.	1.1	3
573	Reply to: Acute Stress Symptoms Do Not Worsen in Posttraumatic Stress Disorder and Abuse with a Single Subanesthetic Dose of Ketamine. <i>Biological Psychiatry</i> , 2013, 73, e39.	0.7	3
574	Ifenprodil for Emotional Incontinence in Patients With Vascular Dementia. <i>Journal of Clinical Psychopharmacology</i> , 2013, 33, 143-145.	0.7	3
575	Biomarkers for Alzheimer's disease: from pathogenesis to drug development. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2018, 268, 441-442.	1.8	3
576	Understanding the link between maternal infections and neurodevelopmental disorders in offspring: The role of abnormalities in metabolism of polyunsaturated fatty acids. <i>Brain, Behavior, and Immunity</i> , 2019, 81, 4-5.	2.0	3

#	ARTICLE	IF	CITATIONS
577	Mood, psychomotor, and cognitive function in major depressive disorder: from biomarkers to rapid-acting antidepressants. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2019, 269, 759-760.	1.8	3
578	Impact of FAAH gene, hyperactivation in emotion processing brain regions and Lavender oil preparation Silexan in anxiety. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2019, 269, 145-146.	1.8	3
579	Impact of age on optimal dose of antidepressants. <i>EClinicalMedicine</i> , 2020, 18, 100233.	3.2	3
580	Monoaminergic balances predict non-depression-like phenotype in Learned Helplessness Paradigm. <i>Neuroscience</i> , 2020, 440, 290-298.	1.1	3
581	Sarcosine and Decreased Risk for Prostate Cancer in Schizophrenia. <i>The Open Clinical Chemistry Journal</i> , 2009, 2, 22-23.	0.7	3
582	Early Intervention for Psychosis with N-Methyl-D-Aspartate Receptor Modulators. <i>Clinical Psychopharmacology and Neuroscience</i> , 2015, 13, 328-329.	0.9	3
583	Ifenprodil tartrate treatment of adolescents with post-traumatic stress disorder: A double-blind, placebo-controlled trial. <i>Psychiatry Research</i> , 2022, 311, 114486.	1.7	3
584	Neonatal signs following exposure to SSRIs. <i>Human Psychopharmacology</i> , 2005, 20, 522-522.	0.7	2
585	CSF Serine Enantiomers and Glycine in the Study of Neurologic and Psychiatric Disorders. <i>Clinical Chemistry</i> , 2008, 54, 1413-1414.	1.5	2
586	Reply to: Minocycline, schizophrenia and GluR1 glutamate receptors. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 167.	2.5	2
587	Minocycline and St. John's Wort as Therapeutic Drugs for Human Tauopathy. <i>Biological Psychiatry</i> , 2015, 78, e39.	0.7	2
588	Targeting the sigma-1 receptor chaperone in the treatment of perinatal brain injury. <i>Experimental Neurology</i> , 2015, 265, 118-121.	2.0	2
589	Tropisetron for postoperative cognitive decline. <i>Australian and New Zealand Journal of Psychiatry</i> , 2015, 49, 662-663.	1.3	2
590	Familial Influences on Mismatch Negativity and Its Association with Plasma Glutamate Level: A Magnetoencephalographic Study in Twins. <i>Molecular Neuropsychiatry</i> , 2016, 2, 161-172.	3.0	2
591	Abnormalities in the brain's immune system in psychotic disorders: from pathogenesis to prevention. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2017, 267, 365-367.	1.8	2
592	Antidepressant Actions of Ketamine and Its Two Enantiomers. , 2020, , 105-125.		2
593	Neurotransmission. <i>Medical Psychiatry</i> , 2007, , 81-100.	0.2	2
594	In Vivo Evaluation of ¹¹ C-labeled Three Radioligands for Glycine Transporter 1 in the Mouse Brain. <i>Clinical Psychopharmacology and Neuroscience</i> , 2012, 10, 34-43.	0.9	2

#	ARTICLE	IF	CITATIONS
595	Potential Role of the Sigma-1 Receptor Chaperone in the Beneficial Effects of Donepezil in Dementia with Lewy Bodies. <i>Clinical Psychopharmacology and Neuroscience</i> , 2013, 11, 43-44.	0.9	2
596	Effects of Subdiaphragmatic Vagotomy in the MPTP-induced Neurotoxicity in the Striatum and Colon of Mice. <i>Clinical Psychopharmacology and Neuroscience</i> , 2022, 20, 389-393.	0.9	2
597	Serum brain-derived neurotrophic factor (BDNF) levels in schizophrenia are indistinguishable from controls. <i>Neuroscience Letters</i> , 2003, 351, 111-111.	1.0	1
598	Ifenprodil for Emotional Incontinence in Patients With Vascular Dementia. <i>Journal of Clinical Psychopharmacology</i> , 2012, , 1.	0.7	1
599	Brain-Derived Neurotrophic Factor (BDNF): TrkB Signaling in Depression â€œ Biomarker and Novel Therapeutic Target. , 2016, , 621-629.		1
600	Genomic Triplication of the Glycine Decarboxylase Gene and N-Methyl-D-Aspartate Receptor Hypofunction: Improvement by Glycine and D-Cycloserine. <i>Biological Psychiatry</i> , 2019, 86, 497-498.	0.7	1
601	Reply to Reeves and Dunn: Risk for autism in offspring after maternal glyphosate exposure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2016496118.	3.3	1
602	Association between serum levels of glial cell line-derived neurotrophic factor and inattention in adult patients with attention deficits/hyperactivity disorder. <i>Psychiatry Research</i> , 2021, 296, 113674.	1.7	1
603	Predictable Biomarkers for Rapid-Acting Antidepressant Response to Ketamine. <i>Contemporary Clinical Neuroscience</i> , 2021, , 31-48.	0.3	1
604	Editorial:[Novel Therapeutic Drugs for Neuropsychiatric Disorders]. <i>Open Medicinal Chemistry Journal</i> , 2010, 4, 1-2.	0.9	1
605	Two cases of granular cell myoblastoma and review of literature. <i>Nihon Koku Geka Gakkai Zasshi</i> , 1971, 17, 399-407.	0.0	1
606	Clinico-statistical observations of hemangioma in our clinic during the past ten years. <i>Nihon Koku Geka Gakkai Zasshi</i> , 1977, 23, 680-688.	0.0	1
607	Special issue on â€œBrainâ€body communication in health and diseasesâ€. <i>Brain Research Bulletin</i> , 2022, 186, 47-49.	1.4	1
608	Mental health during the COVID-19 pandemic, impact of childhood trauma in psychiatric disorders, and predictable biomarkers for bipolar disorder. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2022, 272, 753-755.	1.8	1
609	Lack of Neuroprotective Effect of ? Receptor Ligands in the Neurotoxicity of p-Chloroamphetamine in Rat Brains. <i>Annals of the New York Academy of Sciences</i> , 1996, 801, 199-204.	1.8	0
610	Dopamine Receptors and Hippocampal Seizure Generation. <i>Epilepsia</i> , 1998, 39, 75-75.	2.6	0
611	Evaluating the cognitive decline in early-stage frontotemporal dementia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 1077-1079.	2.5	0
612	Editorial [Hot topic:Novel Potential Therapeutic Approaches for Schizophrenia (Executive Guest) Tj ETQq0 0 0 rgBT /Qverlock_10 Tf 50 6	0.9	0

#	ARTICLE	IF	CITATIONS
613	Lack of correlation between phonetic magnetic mismatch field and plasma d-serine levels in humans. <i>Clinical Neurophysiology</i> , 2018, 129, 1444-1448.	0.7	0
614	Editorial: Cognitive Enhancement in Psychiatric Disorders. <i>Frontiers in Psychiatry</i> , 2019, 10, 435.	1.3	0
615	M16. PROFILING GLUTAMATE AND D-SERINE PATHWAYS IN TREATMENT RESISTANT EARLY PSYCHOSIS PATIENTS. <i>Schizophrenia Bulletin</i> , 2020, 46, S139-S139.	2.3	0
616	No changes of expression of GPR56 protein in the parietal cortex, cerebellum, and liver from psychiatric disorders. <i>Journal of Affective Disorders Reports</i> , 2021, 3, 100065.	0.9	0
617	Linking 5-hydroxytryptamine to antidepressant actions of (R)-ketamine and social stress model. , 2021, , 393-399.		0
618	Reduction of dopamine and glycogen synthase kinase-3 signaling in rat striatum after continuous administration of haloperidol. <i>Pharmacology Biochemistry and Behavior</i> , 2021, 202, 173114.	1.3	0
619	Solitary plasmacytoma of the maxilla: Report of a case. <i>Nihon Koku Geka Gakkai Zasshi</i> , 1977, 23, 819-824.	0.0	0
620	Lymphoepithelial cyst on ventral surface of the tongue: Report of a case. <i>Nihon Koku Geka Gakkai Zasshi</i> , 1977, 23, 643-648.	0.0	0
621	A case of mandibular cancer associated with bone regeneration after therapy. <i>Nihon Koku Geka Gakkai Zasshi</i> , 1978, 24, 396-401.	0.0	0
622	A case of double synchronous gingival cancer of the mandible.. <i>Nihon Koku Geka Gakkai Zasshi</i> , 1994, 40, 1184-1186.	0.0	0
623	A case of a giant cell tumor of the mandible showing rapid growth.. <i>Nihon Koku Geka Gakkai Zasshi</i> , 1994, 40, 929-931.	0.0	0
624	The Glutamatergic System as Potential Clinical Biomarkers for Blood and Cerebrospinal Fluid Monitoring. <i>Neuromethods</i> , 2018, , 507-521.	0.2	0
625	Pharmacological inhibition of soluble epoxide hydrolase alleviates chronic neuropathic pain induced anhedonia symptoms: differential role of AhR and TSPO signaling. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
626	Do you know the novel antidepressant arketamine?. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2022, 95, 1-EL01.	0.0	0