

Kiyofumi Yamada

List of Publications by Year in descending order

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433
papers

18,780
citations

10986

71
h-index

22166

113
g-index

454
all docs

454
docs citations

454
times ranked

20040
citing authors

#	ARTICLE	IF	CITATIONS
1	CD38 is critical for social behaviour by regulating oxytocin secretion. <i>Nature</i> , 2007, 446, 41-45.	27.8	614
2	Brain-Derived Neurotrophic Factor/TrkB Signaling in Memory Processes. <i>Journal of Pharmacological Sciences</i> , 2003, 91, 267-270.	2.5	502
3	Involvement of Brain-Derived Neurotrophic Factor in Spatial Memory Formation and Maintenance in a Radial Arm Maze Test in Rats. <i>Journal of Neuroscience</i> , 2000, 20, 7116-7121.	3.6	486
4	Motor discoordination and increased susceptibility to cerebellar injury in GLAST mutant mice. <i>European Journal of Neuroscience</i> , 1998, 10, 976-988.	2.6	369
5	Role for brain-derived neurotrophic factor in learning and memory. <i>Life Sciences</i> , 2002, 70, 735-744.	4.3	342
6	Cognition impairment in the genetic model of aging klotho gene mutant mice: a role of oxidative stress. <i>FASEB Journal</i> , 2003, 17, 50-52.	0.5	270
7	RAGE-mediated signaling contributes to intraneuronal transport of amyloid- β and neuronal dysfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20021-20026.	7.1	251
8	Protective effects of idebenone and α -tocopherol on β -amyloid (1-42)-induced learning and memory deficits in rats: implication of oxidative stress in β -amyloid-induced neurotoxicity in vivo. <i>European Journal of Neuroscience</i> , 1999, 11, 83-90.	2.6	216
9	Behavioral abnormality and pharmacologic response in social isolation-reared mice. <i>Behavioural Brain Research</i> , 2009, 202, 114-121.	2.2	214
10	Social isolation rearing-induced impairment of the hippocampal neurogenesis is associated with deficits in spatial memory and emotion-related behaviors in juvenile mice. <i>Journal of Neurochemistry</i> , 2008, 105, 921-932.	3.9	213
11	Production and functions of IL-17 in microglia. <i>Journal of Neuroimmunology</i> , 2008, 194, 54-61.	2.3	211
12	Targeted Disruption of the Tyrosine Hydroxylase Locus Results in Severe Catecholamine Depletion and Perinatal Lethality in Mice. <i>Journal of Biological Chemistry</i> , 1995, 270, 27235-27243.	3.4	193
13	Blonanserin Ameliorates Phencyclidine-Induced Visual-Recognition Memory Deficits: the Complex Mechanism of Blonanserin Action Involving D3-5-HT2A and D1-NMDA Receptors in the mPFC. <i>Neuropsychopharmacology</i> , 2015, 40, 601-613.	5.4	193
14	Enhancement of immobility in a forced swimming test by subacute or repeated treatment with phencyclidine: a new model of schizophrenia. <i>British Journal of Pharmacology</i> , 1995, 116, 2531-2537.	5.4	190
15	CREB phosphorylation as a molecular marker of memory processing in the hippocampus for spatial learning. <i>Behavioural Brain Research</i> , 2002, 133, 135-141.	2.2	186
16	β -Amyloid (1-42)-induced learning and memory deficits in mice: involvement of oxidative burdens in the hippocampus and cerebral cortex. <i>Behavioural Brain Research</i> , 2004, 155, 185-196.	2.2	171
17	Hyperfunction of Dopaminergic and Serotonergic Neuronal Systems in Mice Lacking the NMDA Receptor μ 1 Subunit. <i>Journal of Neuroscience</i> , 2001, 21, 750-757.	3.6	167
18	Dopamine D1 receptors regulate protein synthesis-dependent long-term recognition memory via extracellular signal-regulated kinase 1/2 in the prefrontal cortex. <i>Learning and Memory</i> , 2007, 14, 117-125.	1.3	166

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19	Matrix Metalloproteinase-9 Contributes to Kindled Seizure Development in Pentylentetrazole-Treated Mice by Converting Pro-BDNF to Mature BDNF in the Hippocampus. <i>Journal of Neuroscience</i> , 2011, 31, 12963-12971.	3.6	165
20	Role of Tumor Necrosis Factor- α in Methamphetamine-Induced Drug Dependence and Neurotoxicity. <i>Journal of Neuroscience</i> , 2004, 24, 2212-2225.	3.6	158
21	Animal models of Alzheimer's disease and evaluation of anti-dementia drugs. , 2000, 88, 93-113.		155
22	Repeated Methamphetamine Treatment Impairs Recognition Memory Through a Failure of Novelty-Induced ERK1/2 Activation in the Prefrontal Cortex of Mice. <i>Biological Psychiatry</i> , 2006, 59, 75-84.	1.3	149
23	Involvement of BDNF Receptor TrkB in Spatial Memory Formation. <i>Learning and Memory</i> , 2003, 10, 108-115.	1.3	148
24	Phosphatidylinositol 3-kinase: a molecule mediating BDNF-dependent spatial memory formation. <i>Molecular Psychiatry</i> , 2003, 8, 217-224.	7.9	145
25	Simultaneous Measurement of Nitrite and Nitrate Levels as Indices of Nitric Oxide Release in the Cerebellum of Conscious Rats. <i>Journal of Neurochemistry</i> , 1997, 68, 1234-1243.	3.9	141
26	Role of nitric oxide in learning and memory and in monoamine metabolism in the rat brain. <i>British Journal of Pharmacology</i> , 1995, 115, 852-858.	5.4	140
27	Neurobehavioral alterations in mice with a targeted deletion of the tumor necrosis factor- β gene: implications for emotional behavior. <i>Journal of Neuroimmunology</i> , 2000, 111, 131-138.	2.3	133
28	Butyrylcholinesterase inhibitors ameliorate cognitive dysfunction induced by amyloid- β^2 peptide in mice. <i>Behavioural Brain Research</i> , 2011, 225, 222-229.	2.2	131
29	FUS regulates AMPA receptor function and FTL/ALS-associated behaviour via GluA1 mRNA stabilization. <i>Nature Communications</i> , 2015, 6, 7098.	12.8	129
30	Behavioral alterations associated with targeted disruption of exons 2 and 3 of the Disc1 gene in the mouse. <i>Human Molecular Genetics</i> , 2011, 20, 4666-4683.	2.9	128
31	Conditioned medium from the stem cells of human dental pulp improves cognitive function in a mouse model of Alzheimer's disease. <i>Behavioural Brain Research</i> , 2015, 293, 189-197.	2.2	127
32	Mitochondrial Dysfunction, Endoplasmic Reticulum Stress, and Apoptosis in Alzheimer's Disease. <i>Journal of Pharmacological Sciences</i> , 2005, 97, 312-316.	2.5	126
33	Combined effect of neonatal immune activation and mutant DISC1 on phenotypic changes in adulthood. <i>Behavioural Brain Research</i> , 2010, 206, 32-37.	2.2	126
34	Neonatal poly:I:C treatment in mice results in schizophrenia-like behavioral and neurochemical abnormalities in adulthood. <i>Neuroscience Research</i> , 2009, 64, 297-305.	1.9	124
35	Stress-induced behavioral responses and multiple opioid systems in the brain. <i>Behavioural Brain Research</i> , 1995, 67, 133-145.	2.2	123
36	Mechanism of systemically injected interferon-alpha impeding monoamine biosynthesis in rats: role of nitric oxide as a signal crossing the blood-brain barrier. <i>Brain Research</i> , 2003, 978, 104-114.	2.2	122

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37	Chronic restraint stress impairs neurogenesis and hippocampus-dependent fear memory in mice: possible involvement of a brain-specific transcription factor Npas4. <i>Journal of Neurochemistry</i> , 2010, 114, 1840-1851.	3.9	121
38	ERK2 Contributes to the Control of Social Behaviors in Mice. <i>Journal of Neuroscience</i> , 2011, 31, 11953-11967.	3.6	120
39	Regulations of Methamphetamine Reward by Extracellular Signal-Regulated Kinase 1/2/ets-Like Gene-1 Signaling Pathway via the Activation of Dopamine Receptors. <i>Molecular Pharmacology</i> , 2004, 65, 1293-1301.	2.3	118
40	Indispensability of the glutamate transporters GLAST and GLT1 to brain development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 12161-12166.	7.1	111
41	Nobiletin, a citrus flavonoid, improves cognitive impairment and reduces soluble A β levels in a triple transgenic mouse model of Alzheimer's disease (3XTg-AD). <i>Behavioural Brain Research</i> , 2015, 289, 69-77.	2.2	111
42	Nitric oxide synthase inhibitors impair reference memory formation in a radial arm maze task in rats. <i>Neuropharmacology</i> , 1998, 37, 323-330.	4.1	110
43	Cytoskeletal Regulation by ALTS2 in Neuronal Migration and Neuritogenesis. <i>Cell Reports</i> , 2014, 9, 2166-2179.	6.4	109
44	Role of nitric oxide and cyclic GMP in the dizocilpine-induced impairment of spontaneous alternation behavior in mice. <i>Neuroscience</i> , 1996, 74, 365-374.	2.3	108
45	Impairments of long-term potentiation in hippocampal slices of β -amyloid-infused rats. <i>European Journal of Pharmacology</i> , 1999, 382, 167-175.	3.5	108
46	A Role of Fos Expression in the CA3 Region of the Hippocampus in Spatial Memory Formation in Rats. <i>Neuropsychopharmacology</i> , 2002, 26, 259-268.	5.4	105
47	Prostaglandin E receptor EP1 controls impulsive behavior under stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 16066-16071.	7.1	105
48	From The Cover: The tissue plasminogen activator-plasmin system participates in the rewarding effect of morphine by regulating dopamine release. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 3650-3655.	7.1	104
49	β 7 Nicotinic acetylcholine receptor as a target to rescue deficit in hippocampal LTP induction in β -amyloid infused rats. <i>Neuropharmacology</i> , 2006, 50, 254-268.	4.1	101
50	Antiamnesic and Neuroprotective Effects of the Aminotetrahydrofuran Derivative ANAVEX1-41 Against Amyloid β 25-35-Induced Toxicity in Mice. <i>Neuropsychopharmacology</i> , 2009, 34, 1552-1566.	5.4	101
51	The effect of dietary consistency on bone mass and turnover in the growing rat mandible. <i>Archives of Oral Biology</i> , 1991, 36, 129-138.	1.8	98
52	Nobiletin, a citrus flavonoid, ameliorates cognitive impairment, oxidative burden, and hyperphosphorylation of tau in senescence-accelerated mouse. <i>Behavioural Brain Research</i> , 2013, 250, 351-360.	2.2	94
53	Amyloid β -peptide induces nitric oxide production in rat hippocampus: association with cholinergic dysfunction and amelioration by inducible nitric oxide synthase inhibitors. <i>FASEB Journal</i> , 2001, 15, 1407-1409.	0.5	92
54	Lower Sensitivity to Stress and Altered Monoaminergic Neuronal Function in Mice Lacking the NMDA Receptor μ 4 Subunit. <i>Journal of Neuroscience</i> , 2002, 22, 2335-2342.	3.6	90

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55	Role of the mesotelencephalic dopamine system in learning and memory processes in the rat. <i>European Journal of Pharmacology</i> , 2003, 475, 55-60.	3.5	89
56	Improvement by nefiracetam of β -amyloid-(1-42)-induced learning and memory impairments in rats. <i>British Journal of Pharmacology</i> , 1999, 126, 235-244.	5.4	88
57	Methamphetamine use causes cognitive impairment and altered decision-making. <i>Neurochemistry International</i> , 2019, 124, 106-113.	3.8	85
58	Brain dysfunction associated with an induction of nitric oxide synthase following an intracerebral injection of lipopolysaccharide in rats. <i>Neuroscience</i> , 1999, 88, 281-294.	2.3	84
59	Restraining tumor necrosis factor-alpha by thalidomide prevents the Amyloid beta-induced impairment of recognition memory in mice. <i>Behavioural Brain Research</i> , 2008, 189, 100-106.	2.2	84
60	Improvement by minocycline of methamphetamine-induced impairment of recognition memory in mice. <i>Psychopharmacology</i> , 2008, 196, 233-241.	3.1	83
61	Phosphoproteomics of the Dopamine Pathway Enables Discovery of Rap1 Activation as a Reward Signal In Vivo. <i>Neuron</i> , 2016, 89, 550-565.	8.1	81
62	Matrix Metalloprotease-9 Inhibition Improves Amyloid β -Mediated Cognitive Impairment and Neurotoxicity in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 331, 14-22.	2.5	80
63	Immunocytochemical evidence that amyloid β (1-42) impairs endogenous antioxidant systems in vivo. <i>Neuroscience</i> , 2003, 119, 399-419.	2.3	79
64	Silibinin attenuates cognitive deficits and decreases of dopamine and serotonin induced by repeated methamphetamine treatment. <i>Behavioural Brain Research</i> , 2010, 207, 387-393.	2.2	79
65	Girdin Phosphorylation Is Crucial for Synaptic Plasticity and Memory: A Potential Role in the Interaction of BDNF/TrkB/Akt Signaling with NMDA Receptor. <i>Journal of Neuroscience</i> , 2014, 34, 14995-15008.	3.6	79
66	17 β -estradiol attenuates hippocampal neuronal loss and cognitive dysfunction induced by chronic restraint stress in ovariectomized rats. <i>Neuroscience</i> , 2007, 146, 60-68.	2.3	77
67	Current understanding of methamphetamine-associated dopaminergic neurodegeneration and psychotoxic behaviors. <i>Archives of Pharmacal Research</i> , 2017, 40, 403-428.	6.3	77
68	Physiological Concentrations of 17 β -Estradiol Inhibit the Synthesis of Nitric Oxide Synthase in Macrophages Via a Receptor-Mediated System. <i>Journal of Cardiovascular Pharmacology</i> , 1998, 31, 292-298.	1.9	77
69	Dissociation of impairment between spatial memory, and motor function and emotional behavior in aged rats. <i>Behavioural Brain Research</i> , 1998, 91, 73-81.	2.2	76
70	Disrupted Transforming Growth Factor- β Signaling in Spinal and Bulbar Muscular Atrophy. <i>Journal of Neuroscience</i> , 2010, 30, 5702-5712.	3.6	76
71	The role of nitric oxide in dizocilpine-induced impairment of spontaneous alternation behavior in mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1996, 276, 460-6.	2.5	76
72	Involvement of Pallidotegmental Neurons in Methamphetamine- and MK-801-Induced Impairment of Prepulse Inhibition of the Acoustic Startle Reflex in Mice: Reversal by GABAB Receptor Agonist Baclofen. <i>Neuropsychopharmacology</i> , 2008, 33, 3164-3175.	5.4	75

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73	Memory deficits and increased emotionality induced by β -amyloid (25-35) are correlated with the reduced acetylcholine release and altered phorbol dibutyrate binding in the hippocampus. <i>Journal of Neural Transmission</i> , 2001, 108, 1065-1079.	2.8	73
74	Decreased interleukin-6 level in the cerebrospinal fluid of patients with Alzheimer-type dementia. <i>Neuroscience Letters</i> , 1995, 186, 219-221.	2.1	72
75	Effects of memantine and donepezil on amyloid β -induced memory impairment in a delayed-matching to position task in rats. <i>Behavioural Brain Research</i> , 2005, 162, 191-199.	2.2	71
76	MAGE-D1 Regulates Expression of Depression-Like Behavior through Serotonin Transporter Ubiquitylation. <i>Journal of Neuroscience</i> , 2012, 32, 4562-4580.	3.6	71
77	Tyrosine nitration of a synaptic protein synaptophysin contributes to amyloid β -peptide-induced cholinergic dysfunction. <i>Molecular Psychiatry</i> , 2003, 8, 407-412.	7.9	69
78	Clozapine Prevents a Decrease in Neurogenesis in Mice Repeatedly Treated With Phencyclidine. <i>Journal of Pharmacological Sciences</i> , 2007, 103, 299-308.	2.5	69
79	Reduction in the number of NADPH-diaphorase-positive cells in the cerebral cortex and striatum in aged rats. <i>Neuroscience Research</i> , 1996, 24, 393-402.	1.9	68
80	Population pharmacokinetic analysis of vancomycin in patients with gram-positive infections and the influence of infectious disease type. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2009, 34, 473-483.	1.5	68
81	Role of matrix metalloproteinase and tissue inhibitor of MMP in methamphetamine-induced behavioral sensitization and reward: implications for dopamine receptor down-regulation and dopamine release. <i>Journal of Neurochemistry</i> , 2007, 102, 1548-1560.	3.9	66
82	Reduction of methamphetamine-induced sensitization and reward in matrix metalloproteinase-2 and -9-deficient mice. <i>Journal of Neurochemistry</i> , 2007, 100, 070209222715070-???	3.9	65
83	A GCM Motif Protein Is Involved in Placenta-specific Expression of Human Aromatase Gene. <i>Journal of Biological Chemistry</i> , 1999, 274, 32279-32286.	3.4	64
84	Effect of lesions in the striatum, nucleus accumbens and medial raphe on phencyclidine-induced stereotyped behaviors and hyperactivity in rats. <i>European Journal of Pharmacology</i> , 1983, 91, 455-462.	3.5	63
85	Mutual regulation between the intercellular messengers nitric oxide and brain-derived neurotrophic factor in rodent neocortical neurons. <i>European Journal of Neuroscience</i> , 1999, 11, 1567-1576.	2.6	63
86	Behavioural adaptations to addictive drugs in mice lacking the NMDA receptor epsilon1 subunit. <i>European Journal of Neuroscience</i> , 2004, 19, 151-158.	2.6	63
87	Repeated methamphetamine treatment impairs spatial working memory in rats: reversal by clozapine but not haloperidol. <i>Psychopharmacology</i> , 2007, 194, 21-32.	3.1	62
88	Neural Circuits Containing Pallidotegmental GABAergic Neurons are Involved in the Prepulse Inhibition of the Startle Reflex in Mice. <i>Biological Psychiatry</i> , 2007, 62, 148-157.	1.3	61
89	The Rewards of Nicotine: Regulation by Tissue Plasminogen Activator-Plasmin System through Protease Activated Receptor-1. <i>Journal of Neuroscience</i> , 2006, 26, 12374-12383.	3.6	60
90	Two pathways of nitric oxide production through glutamate receptors in the rat cerebellum in vivo. <i>Neuroscience Research</i> , 1997, 28, 93-102.	1.9	58

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91	Protective potential of IL-6 against trimethyltin-induced neurotoxicity in vivo. <i>Free Radical Biology and Medicine</i> , 2012, 52, 1159-1174.	2.9	58
92	Propentofylline improves learning and memory deficits in rats induced by β 2-amyloid protein-(1-40). <i>European Journal of Pharmacology</i> , 1998, 349, 15-22.	3.5	57
93	Amyloid β -peptide induces cholinergic dysfunction and cognitive deficits: a minireview. <i>Peptides</i> , 2002, 23, 1271-1283.	2.4	57
94	Regulation of Placenta-specific Expression of the Aromatase Cytochrome P-450 Gene. <i>Journal of Biological Chemistry</i> , 1995, 270, 25064-25069.	3.4	56
95	Role of nitric oxide in the effect of aging on spatial memory in rats. <i>Behavioural Brain Research</i> , 1997, 83, 153-158.	2.2	55
96	Possible protection by notoginsenoside R1 against glutamate neurotoxicity mediated by N-methyl-D-aspartate receptors composed of an NR1/NR2B subunit assembly. <i>Journal of Neuroscience Research</i> , 2009, 87, 2145-2156.	2.9	55
97	Neuronal mechanism of nociceptin-induced modulation of learning and memory: Involvement of N-methyl-D-aspartate receptors. <i>Molecular Psychiatry</i> , 2003, 8, 752-765.	7.9	54
98	The role of tissue plasminogen activator in methamphetamine-related reward and sensitization. <i>Journal of Neurochemistry</i> , 2005, 92, 660-667.	3.9	54
99	Fustin flavonoid attenuates β -amyloid (1-42)-induced learning impairment. <i>Journal of Neuroscience Research</i> , 2009, 87, 3658-3670.	2.9	54
100	Matrix Metalloproteinases Contribute to Neuronal Dysfunction in Animal Models of Drug Dependence, Alzheimer's Disease, and Epilepsy. <i>Biochemistry Research International</i> , 2011, 2011, 1-10.	3.3	54
101	Effects of Risperidone on Phencyclidine-Induced Behaviors: Comparison with Haloperidol and Ritanserin. <i>The Japanese Journal of Pharmacology</i> , 1994, 66, 181-189.	1.2	53
102	Effects of δ 1 receptor agonist SA4503 and neuroactive steroids on performance in a radial arm maze task in rats. <i>Neuropharmacology</i> , 2000, 39, 1617-1627.	4.1	53
103	Enduring vulnerability to reinstatement of methamphetamine-seeking behavior in glial cell line-derived neurotrophic factor mutant mice. <i>FASEB Journal</i> , 2007, 21, 1994-2004.	0.5	53
104	Galantamine ameliorates the impairment of recognition memory in mice repeatedly treated with methamphetamine: involvement of allosteric potentiation of nicotinic acetylcholine receptors and dopaminergic-ERK1/2 systems. <i>International Journal of Neuropsychopharmacology</i> , 2010, 13, 1343-1354.	2.1	53
105	Astroglial IFITM3 mediates neuronal impairments following neonatal immune challenge in mice. <i>Glia</i> , 2013, 61, 679-693.	4.9	53
106	Evaluation of emotional behaviors in young offspring of C57BL/6J mice after gestational and/or perinatal exposure to nicotine in six different time-windows. <i>Behavioural Brain Research</i> , 2013, 239, 80-89.	2.2	53
107	Anti-dementia Activity of Nobiletin, a Citrus Flavonoid: A Review of Animal Studies. <i>Clinical Psychopharmacology and Neuroscience</i> , 2014, 12, 75-82.	2.0	53
108	Sex-dependent differences in the pharmacological actions and pharmacokinetics of phencyclidine in rats. <i>European Journal of Pharmacology</i> , 1984, 97, 217-227.	3.5	52

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109	Long-term deprivation of oestrogens by ovariectomy potentiates β -amyloid-induced working memory deficits in rats. <i>British Journal of Pharmacology</i> , 1999, 128, 419-427.	5.4	51
110	Interaction of BDNF/TrkB signaling with NMDA receptor in learning and memory. <i>Drug News and Perspectives</i> , 2004, 17, 435.	1.5	51
111	Phospholipase A2 and 3H-hemicholinium-3 binding sites in rat brain: a potential second-messenger role for fatty acids in the regulation of high-affinity choline uptake. <i>Journal of Neuroscience</i> , 1990, 10, 62-72.	3.6	50
112	The attenuation of learning impairments induced after exposure to CO or trimethyltin in mice by sigma (σ) receptor ligands involves both σ_1 and σ_2 sites. <i>British Journal of Pharmacology</i> , 1999, 127, 335-342.	5.4	50
113	Juvenile social defeat stress exposure persistently impairs social behaviors and neurogenesis. <i>Neuropharmacology</i> , 2018, 133, 23-37.	4.1	50
114	Orally active NGF synthesis stimulators: potential therapeutic agents in alzheimer's disease. <i>Behavioural Brain Research</i> , 1997, 83, 117-122.	2.2	49
115	Involvement of Nitric Oxide in Pentylentetrazole-Induced Kindling in Rats. <i>Journal of Neurochemistry</i> , 2001, 74, 792-798.	3.9	49
116	Memory impairment induced by chronic intracerebroventricular infusion of beta-amyloid (1-40) involves downregulation of protein kinase C. <i>Brain Research</i> , 2002, 957, 278-286.	2.2	48
117	Evaluation of cognitive behaviors in young offspring of C57BL/6J mice after gestational nicotine exposure during different time-windows. <i>Psychopharmacology</i> , 2013, 230, 451-463.	3.1	47
118	The Risk Factors of Severe Acute Kidney Injury Induced by Cisplatin. <i>Oncology</i> , 2013, 85, 364-369.	1.9	47
119	Evaluation of object-based attention in mice. <i>Behavioural Brain Research</i> , 2011, 220, 185-193.	2.2	46
120	Correlation of CYP2C19 Phenotype With Voriconazole Plasma Concentration in Children. <i>Journal of Pediatric Hematology/Oncology</i> , 2013, 35, e219-e223.	0.6	46
121	Interleukin-6 protects PC12 cells from 4-hydroxynonenal-induced cytotoxicity by increasing intracellular glutathione levels. <i>Free Radical Biology and Medicine</i> , 2002, 32, 1324-1332.	2.9	45
122	A dibenzoylmethane derivative protects dopaminergic neurons against both oxidative stress and endoplasmic reticulum stress. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 293, C1884-C1894.	4.6	44
123	GABAB receptor agonist baclofen improves methamphetamine-induced cognitive deficit in mice. <i>European Journal of Pharmacology</i> , 2009, 602, 101-104.	3.5	44
124	Involvement of nitric oxide in phencyclidine-induced hyperlocomotion in mice. <i>European Journal of Pharmacology</i> , 1995, 286, 291-297.	3.5	43
125	Drug Dependence, Synaptic Plasticity, and Tissue Plasminogen Activator. <i>Journal of Pharmacological Sciences</i> , 2005, 97, 157-161.	2.5	43
126	A Novel Azaindolizone Derivative ZSET1446 (Spiro[imidazo[1,2-a]pyridine-3,2-indan]-2(3H)-one) Improves Methamphetamine-Induced Impairment of Recognition Memory in Mice by Activating Extracellular Signal-Regulated Kinase 1/2. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 320, 819-827.	2.5	43

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127	Neuropsychotoxicity of Abused Drugs: Involvement of Matrix Metalloproteinase-2 and -9 and Tissue Inhibitor of Matrix Metalloproteinase-2 in Methamphetamine-Induced Behavioral Sensitization and Reward in Rodents. <i>Journal of Pharmacological Sciences</i> , 2008, 106, 9-14.	2.5	43
128	Clozapine ameliorates epigenetic and behavioral abnormalities induced by phencyclidine through activation of dopamine D1 receptor. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 723-737.	2.1	43
129	Npas4 Regulates Mdm2 and thus Dcx in Experience-Dependent Dendritic Spine Development of Newborn Olfactory Bulb Interneurons. <i>Cell Reports</i> , 2014, 8, 843-857.	6.4	43
130	Phencyclidine-induced stereotyped behaviors in rats following specific neurotoxin lesions of the striatum. <i>European Journal of Pharmacology</i> , 1983, 93, 229-234.	3.5	42
131	Changes in NMDA receptor/ nitric oxide signaling pathway in the brain with aging. <i>Microscopy Research and Technique</i> , 1998, 43, 68-74.	2.2	42
132	Spatial memory deficit and neurodegeneration induced by the direct injection of okadaic acid into the hippocampus in rats. <i>Journal of Neural Transmission</i> , 2001, 108, 1435-1443.	2.8	42
133	Effects of antipsychotics on the behavioral deficits in human dominant-negative DISC1 transgenic mice with neonatal polyI:C treatment. <i>Behavioural Brain Research</i> , 2011, 225, 305-310.	2.2	42
134	ARHGAP10, which encodes Rho GTPase-activating protein 10, is a novel gene for schizophrenia risk. <i>Translational Psychiatry</i> , 2020, 10, 247.	4.8	42
135	Changes in muscarinic cholinergic, PCP, GABAA, D1, and 5-HT2A receptor binding, but not in benzodiazepine receptor binding in the brains of aged rats. <i>Life Sciences</i> , 1994, 55, 1585-1593.	4.3	41
136	Œf Receptor ligands (+)-SKF10,047 and SA4503 improve dizocilpine-induced spatial memory deficits in rats. <i>European Journal of Pharmacology</i> , 1998, 355, 1-10.	3.5	41
137	Involvement of cyclic AMP systems in morphine physical dependence in mice: prevention of development of morphine dependence by rolipram, a phosphodiesterase 4 inhibitor. <i>British Journal of Pharmacology</i> , 2001, 132, 1111-1117.	5.4	41
138	Protective effect of interleukin-6 against the death of PC12 cells caused by serum deprivation or by the addition of a calcium ionophore. <i>Biochemical Pharmacology</i> , 1996, 52, 911-916.	4.4	40
139	Aberrant expression and mutations of TGF-Œ ² receptor type II gene in endometrial cancer. <i>Gynecologic Oncology</i> , 2005, 98, 427-433.	1.4	40
140	Insular neural system controls decision-making in healthy and methamphetamine-treated rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E3930-9.	7.1	40
141	Genetic diversity of clinical <i>Mycobacterium avium</i> subsp. <i>hominissuis</i> and <i>Mycobacterium intracellulare</i> isolates causing pulmonary diseases recovered from different geographical regions. <i>Infection, Genetics and Evolution</i> , 2015, 36, 250-255.	2.3	39
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