

# Osamu Nakagawasai

## List of Publications by Year in descending order

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116  
papers

2,965  
citations

159358

30  
h-index

205818

48  
g-index

121  
all docs

121  
docs citations

121  
times ranked

3158  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics of changes in cholinergic function and impairment of learning and memory-related behavior induced by olfactory bulbectomy. <i>Behavioural Brain Research</i> , 2003, 138, 9-15.	1.2	148
2	Nobiletin and its related flavonoids with CRE-dependent transcription-stimulating and neuritegenic activities. <i>Biochemical and Biophysical Research Communications</i> , 2005, 337, 1330-1336.	1.0	140
3	Behavioural characterization and amounts of brain monoamines and their metabolites in mice lacking histamine H1 receptors. <i>Neuroscience</i> , 1998, 87, 479-487.	1.1	136
4	Nobiletin, a Citrus Flavonoid That Improves Memory Impairment, Rescues Bulbectomy-Induced Cholinergic Neurodegeneration in Mice. <i>Journal of Pharmacological Sciences</i> , 2007, 105, 122-126.	1.1	124
5	Anti-inflammatory Effect of Propolis through Inhibition of Nitric Oxide Production on Carrageenin-Induced Mouse Paw Edema. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 96-99.	0.6	88
6	Decreased calcium/calmodulin-dependent protein kinase II and protein kinase C activities mediate impairment of hippocampal long-term potentiation in the olfactory bulbectomized mice. <i>Journal of Neurochemistry</i> , 2006, 97, 22-29.	2.1	72
7	Antinociceptive effect of different types of calcium channel inhibitors and the distribution of various calcium channel $\alpha_1$ subunits in the dorsal horn of spinal cord in mice. <i>Brain Research</i> , 2004, 1024, 122-129.	1.1	71
8	$\alpha_1$ 1,6-Fucosyltransferase-deficient Mice Exhibit Multiple Behavioral Abnormalities Associated with a Schizophrenia-like Phenotype. <i>Journal of Biological Chemistry</i> , 2011, 286, 18434-18443.	1.6	70
9	Mechanisms underpinning AMP-activated protein kinase-related effects on behavior and hippocampal neurogenesis in an animal model of depression. <i>Neuropharmacology</i> , 2019, 150, 121-133.	2.0	63
10	Induction of nociceptive responses by intrathecal injection of interleukin-1 in mice. <i>Life Sciences</i> , 1999, 65, 255-261.	2.0	60
11	Effect of <i>Enterococcus faecalis</i> 2001 on colitis and depressive-like behavior in dextran sulfate sodium-treated mice: involvement of the brain-gut axis. <i>Journal of Neuroinflammation</i> , 2019, 16, 201.	3.1	59
12	Intrathecally administered big dynorphin, a prodynorphin-derived peptide, produces nociceptive behavior through an N-methyl-d-aspartate receptor mechanism. <i>Brain Research</i> , 2002, 952, 7-14.	1.1	56
13	Development of tolerance to the inhibitory effect of loperamide on gastrointestinal transit in mice. <i>European Journal of Pharmaceutical Sciences</i> , 2003, 20, 357-363.	1.9	50
14	Angiotensin II Produces Nociceptive Behavior through Spinal AT1 Receptor-Mediated p38 Mitogen-Activated Protein Kinase Activation in Mice. <i>Molecular Pain</i> , 2013, 9, 1744-8069-9-38.	1.0	50
15	Memantine ameliorates depressive-like behaviors by regulating hippocampal cell proliferation and neuroprotection in olfactory bulbectomized mice. <i>Neuropharmacology</i> , 2018, 137, 141-155.	2.0	47
16	Interleukin-6 modulates oxidative stress produced during the development of cisplatin nephrotoxicity. <i>Life Sciences</i> , 2013, 92, 694-700.	2.0	46
17	Pain threshold, learning and formation of brain edema in mice lacking the angiotensin II type 2 receptor. <i>Life Sciences</i> , 2000, 67, 2577-2585.	2.0	44
18	Novel Guaiane Endoperoxides, Nardoguaianone A-D, from <i>Nardostachys chinensis</i> Roots and their Antinociceptive and Antimalarial Activities. <i>Tetrahedron</i> , 2000, 56, 7673-7678.	1.0	42

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19	Effect of kami-untan-to on the impairment of learning and memory induced by thiamine-deficient feeding in mice. <i>Neuroscience</i> , 2004, 125, 233-241.	1.1	41
20	Effect of spinal angiotensin-converting enzyme 2 activation on the formalin-induced nociceptive response in mice. <i>European Journal of Pharmacology</i> , 2020, 872, 172950.	1.7	40
21	Immunohistochemical fluorescence intensity reduction of brain somatostatin in the impairment of learning and memory-related behaviour induced by olfactory bulbectomy. <i>Behavioural Brain Research</i> , 2003, 142, 63-67.	1.2	38
22	Pronociceptive role of dynorphins in uninjured animals: N-ethylmaleimide-induced nociceptive behavior mediated through inhibition of dynorphin degradation. <i>Pain</i> , 2005, 113, 301-309.	2.0	38
23	Immunohistochemical estimation of brain choline acetyltransferase and somatostatin related to the impairment of avoidance learning induced by thiamine deficiency. <i>Brain Research Bulletin</i> , 2000, 52, 189-196.	1.4	37
24	Behavioral and neurochemical characterization of mice deficient in the N-type Ca <sup>2+</sup> channel $\beta$ 1B subunit. <i>Behavioural Brain Research</i> , 2010, 208, 224-230.	1.2	36
25	Intrathecal administered spermine produces the scratching, biting and licking behaviour in mice. <i>Pain</i> , 2000, 86, 55-61.	2.0	34
26	Pharmacological studies of geissoschizine methyl ether, isolated from <i>Uncaria sinensis</i> Oliv., in the central nervous system. <i>European Journal of Pharmacology</i> , 2001, 425, 211-218.	1.7	33
27	Modified behavioral characteristics following ablation of the voltage-dependent calcium channel $\beta$ 3 subunit. <i>Brain Research</i> , 2007, 1160, 102-112.	1.1	33
28	Angiotensin (1-7) prevents angiotensin II-induced nociceptive behaviour via inhibition of p38 MAPK phosphorylation mediated through spinal M <sub>2</sub> receptors in mice. <i>European Journal of Pain</i> , 2014, 18, 1471-1479.	1.4	33
29	Influence of Memantine on Brain Monoaminergic Neurotransmission Parameters in Mice: Neurochemical and Behavioral Study. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 850-855.	0.6	31
30	Influence of olfactory bulbectomy on maternal behavior and dopaminergic function in nucleus accumbens in mice. <i>Behavioural Brain Research</i> , 2010, 215, 141-145.	1.2	31
31	The Effects of Traditional Tonics on Fatigue in Mice Differ from Those of the Antidepressant Imipramine: A Pharmacological and Behavioral Study. <i>The American Journal of Chinese Medicine</i> , 2000, 28, 97-104.	1.5	30
32	Involvement of Spinal Angiotensin II System in Streptozotocin-Induced Diabetic Neuropathic Pain in Mice. <i>Molecular Pharmacology</i> , 2016, 90, 205-213.	1.0	30
33	BE360, a new selective estrogen receptor modulator, produces antidepressant and antidementia effects through the enhancement of hippocampal cell proliferation in olfactory bulbectomized mice. <i>Behavioural Brain Research</i> , 2016, 297, 315-322.	1.2	30
34	Downregulation of spinal angiotensin converting enzyme 2 is involved in neuropathic pain associated with type 2 diabetes mellitus in mice. <i>Biochemical Pharmacology</i> , 2020, 174, 113825.	2.0	30
35	Behavioral and Neurochemical Alterations Following Thiamine Deficiency in Rodents: Relationship to Functions of Cholinergic Neurons. <i>Yakugaku Zasshi</i> , 2005, 125, 549-554.	0.0	29
36	Effect of non-selective dopaminergic receptor agonist on disrupted maternal behavior in olfactory bulbectomized mice. <i>Behavioural Brain Research</i> , 2010, 210, 251-256.	1.2	29

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37	Prenatal treatment with methylazoxymethanol acetate as a neurodevelopmental disruption model of schizophrenia in mice. <i>Neuropharmacology</i> , 2019, 150, 1-14.	2.0	29
38	Effects of NMDA receptor-related agonists on learning and memory impairment in olfactory bulbectomized mice. <i>Methods and Findings in Experimental and Clinical Pharmacology</i> , 2004, 26, 93.	0.8	29
39	Time-dependent role of prefrontal cortex and hippocampus on cognitive improvement by aripiprazole in olfactory bulbectomized mice. <i>European Neuropsychopharmacology</i> , 2017, 27, 1000-1010.	0.3	28
40	Analgesic action of loperamide, an opioid agonist, and its blocking action on voltage-dependent Ca <sup>2+</sup> channels. <i>Neuroscience Research</i> , 2003, 46, 493-497.	1.0	27
41	Nefiracetam activation of CaM kinase II and protein kinase C mediated by NMDA and metabotropic glutamate receptors in olfactory bulbectomized mice. <i>Journal of Neurochemistry</i> , 2009, 110, 170-181.	2.1	27
42	Decreased CaMKII and PKC activities in specific brain regions are associated with cognitive impairment in neonatal ventral hippocampus-lesioned rats. <i>Neuroscience</i> , 2013, 234, 103-115.	1.1	26
43	Involvement of p38 MAPK activation mediated through AT1 receptors on spinal astrocytes and neurons in angiotensin II- and III-induced nociceptive behavior in mice. <i>Neuropharmacology</i> , 2015, 99, 221-231.	2.0	26
44	Antinociceptive action of amlodipine blocking N-type Ca <sup>2+</sup> channels at the primary afferent neurons in mice. <i>European Journal of Pharmacology</i> , 2001, 419, 175-181.	1.7	25
45	Distribution of various calcium channel $\alpha$ 1 subunits in murine DRG neurons and antinociceptive effect of $\alpha$ -conotoxin SVIB in mice. <i>Brain Research</i> , 2001, 903, 231-236.	1.1	24
46	Alterations in Behavioral Responses to a Cholinergic Agonist in Post-Pubertal Rats with Neonatal Ventral Hippocampal Lesions: Relationship to Changes in Muscarinic Receptor Levels. <i>Neuropsychopharmacology</i> , 2005, 30, 1076-1087.	2.8	24
47	Antidepressant-like effect of aripiprazole via 5-HT <sub>1A</sub> , D <sub>1</sub> , and D <sub>2</sub> receptors in the prefrontal cortex of olfactory bulbectomized mice. <i>Journal of Pharmacological Sciences</i> , 2018, 137, 241-247.	1.1	23
48	Antinociceptive effect of cilnidipine, a novel N-type calcium channel antagonist. <i>Brain Research</i> , 2000, 868, 123-127.	1.1	22
49	Immunohistochemical estimation of rat brain somatostatin on avoidance learning impairment induced by thiamine deficiency. <i>Brain Research Bulletin</i> , 2000, 51, 47-55.	1.4	22
50	Alterations in behavioral responses to dopamine agonists in olfactory bulbectomized mice: relationship to changes in the striatal dopaminergic system. <i>Psychopharmacology</i> , 2016, 233, 1311-1322.	1.5	22
51	Anti-hypersensitive effect of angiotensin (1-7) on streptozotocin-induced diabetic neuropathic pain in mice. <i>European Journal of Pain</i> , 2019, 23, 739-749.	1.4	22
52	Liver hydrolysate prevents depressive-like behavior in an animal model of colitis: Involvement of hippocampal neurogenesis via the AMPK/BDNF pathway. <i>Behavioural Brain Research</i> , 2020, 390, 112640.	1.2	22
53	Antidementia effects of <i>Enterococcus faecalis</i> 2001 are associated with enhancement of hippocampal neurogenesis via the ERK-CREB-BDNF pathway in olfactory bulbectomized mice. <i>Physiology and Behavior</i> , 2020, 223, 112997.	1.0	21
54	Characteristics of depressive behavior induced by feeding thiamine-deficient diet in mice. <i>Life Sciences</i> , 2001, 69, 1181-1191.	2.0	20

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55	Pharmacological characterizations of memantine-induced disruption of prepulse inhibition of the acoustic startle response in mice: Involvement of dopamine D2 and 5-HT2A receptors. <i>Behavioural Brain Research</i> , 2011, 218, 165-173.	1.2	20
56	Inhibitory effect of intracerebroventricularly-administered [d-Arg2, $\hat{1}^2$ -Ala4]-dermorphin (1 $\hat{=}$ 4) on gastrointestinal transit. <i>Peptides</i> , 2000, 21, 295-299.	1.2	19
57	Suppressive effect of nantenine, isolated from <i>Nandina domestica</i> Thunberg. on the 5-hydroxy-L-tryptophan plus clorgyline-induced head-twitch response in mice. <i>Life Sciences</i> , 2002, 70, 2647-2656.	2.0	18
58	Alterations in cognitive function in prepubertal mice with protein malnutrition: Relationship to changes in choline acetyltransferase. <i>Behavioural Brain Research</i> , 2006, 167, 111-117.	1.2	18
59	Preventive effect of kami-untan-to on performance in the forced swimming test in thiamine-deficient mice: Relationship to functions of catecholaminergic neurons. <i>Behavioural Brain Research</i> , 2007, 177, 315-321.	1.2	18
60	The intrathecal administration of losartan, an AT1 receptor antagonist, produces an antinociceptive effect through the inhibition of p38 MAPK phosphorylation in the mouse formalin test. <i>Neuroscience Letters</i> , 2015, 585, 17-22.	1.0	18
61	Effects of Ginkgo Biloba Extract on Impairment of Learning Induced by Cerebral Ischemia in Mice. <i>The American Journal of Chinese Medicine</i> , 1998, 26, 127-132.	1.5	17
62	Liver hydrolysate improves depressive-like behavior in olfactory bulbectomized mice: Involvement of hippocampal neurogenesis through the AMPK/BDNF/CREB pathway. <i>Journal of Pharmacological Sciences</i> , 2020, 143, 52-55.	1.1	17
63	Antinociceptive effect produced by intracerebroventricularly administered dynorphin A is potentiated by p-hydroxymercuribenzoate or phosphoramidon in the mouse formalin test. <i>Brain Research</i> , 2001, 891, 274-280.	1.1	16
64	Enhancement of 5-hydroxytryptamine-induced head-twitch response after olfactory bulbectomy. <i>Neuroscience</i> , 2003, 117, 1017-1023.	1.1	16
65	Combined Low Calcium and Lack Magnesium Is a Risk Factor for Motor Deficit in Mice. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 266-270.	0.6	16
66	Subchronic stress-induced depressive behavior in ovariectomized mice. <i>Life Sciences</i> , 2009, 84, 512-516.	2.0	15
67	Kappa Opioid Receptor Agonist Administration in Olfactory Bulbectomized Mice Restores Cognitive Impairment through Cholinergic Neuron Activation. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 957-960.	0.6	15
68	Activation of cholinergic system partially rescues olfactory dysfunction-induced learning and memory deficit in mice. <i>Behavioural Brain Research</i> , 2021, 408, 113283.	1.2	15
69	Effect of nutritive and tonic crude drugs on physical fatigue-induced stress models in mice. <i>Pharmacological Research</i> , 2003, 47, 195-199.	3.1	14
70	Monoamine Oxidase and Head-Twitch Response in Mice Mechanisms of $\hat{1}\pm$ -Methylated Substrate Derivatives. <i>NeuroToxicology</i> , 2004, 25, 223-232.	1.4	13
71	Antidepressant effect of BE360, a new selective estrogen receptor modulator, activated via CREB/BDNF, Bcl-2 signaling pathways in ovariectomized mice. <i>Behavioural Brain Research</i> , 2020, 393, 112764.	1.2	13
72	Intrathecal Administration of D-Cycloserine Produces Nociceptive Behavior Through the Activation of N-Methyl-D-aspartate Receptor Ion-Channel Complex Acting on the Glycine Recognition Site. <i>Journal of Pharmacological Sciences</i> , 2007, 104, 39-45.	1.1	12

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73	Liver Hydrolysate Assists in the Recovery From Physical Fatigue in a Mouse Model. <i>Journal of Pharmacological Sciences</i> , 2013, 123, 328-335.	1.1	12
74	Scabronine G Methyl Ester Improves Memory-Related Behavior and Enhances Hippocampal Cell Proliferation and Long-Term Potentiation via the BDNF-CREB Pathway in Olfactory Bulbectomized Mice. <i>Frontiers in Pharmacology</i> , 2020, 11, 583291.	1.6	12
75	Antidepressant effects of <i>Enterococcus faecalis</i> 2001 through the regulation of prefrontal cortical myelination via the enhancement of CREB/BDNF and NF- $\kappa$ B p65/LIF/STAT3 pathways in olfactory bulbectomized mice. <i>Journal of Psychiatric Research</i> , 2022, 148, 137-148.	1.5	12
76	Cysteine protease inhibitors suppress the development of tolerance to morphine antinociception. <i>Neuropeptides</i> , 2008, 42, 239-244.	0.9	11
77	Chapter 15 Nociceptive Behavior Induced by the Endogenous Opioid Peptides Dynorphins in Uninjured Mice. <i>International Review of Neurobiology</i> , 2009, 85, 191-205.	0.9	11
78	Chronic fluvoxamine treatment changes 5-HT <sub>2A/2C</sub> receptor-mediated behavior in olfactory bulbectomized mice. <i>Life Sciences</i> , 2013, 92, 119-124.	2.0	11
79	Influence of a long-term powdered diet on the social interaction test and dopaminergic systems in mice. <i>Neurochemistry International</i> , 2013, 63, 309-315.	1.9	11
80	Enhanced head-twitch response to 5-HT-related agonists in thiamine-deficient mice. <i>Journal of Neural Transmission</i> , 2007, 114, 1003-1010.	1.4	10
81	Liver hydrolysate attenuates the sickness behavior induced by concanavalin A in mice. <i>Journal of Pharmacological Sciences</i> , 2015, 127, 489-492.	1.1	10
82	Role of prefrontal cortical 5-HT <sub>2A</sub> receptors and serotonin transporter in the behavioral deficits in post-pubertal rats following neonatal lesion of the ventral hippocampus. <i>Behavioural Brain Research</i> , 2020, 377, 112226.	1.2	10
83	Inhibitory effect of angiotensin (1-7) on angiotensin III-induced nociceptive behaviour in mice. <i>Neuropeptides</i> , 2017, 65, 71-76.	0.9	10
84	Nociceptive behavior induced by poly-L-lysine and other basic compounds involves the spinal NMDA receptors. <i>Brain Research</i> , 2004, 1008, 49-53.	1.1	9
85	Chondroitin sulfate attenuates formalin-induced persistent tactile allodynia. <i>Journal of Pharmacological Sciences</i> , 2016, 131, 275-278.	1.1	9
86	Central Serotonergic Mechanisms on Head Twitch Response Induced by Benzodiazepine Receptor Agonists. <i>Pharmacology</i> , 2001, 62, 157-162.	0.9	8
87	Differential effects of N-peptidyl-O-acyl hydroxylamines on dynorphin-induced antinociception in the mouse capsaicin test. <i>Neuropeptides</i> , 2005, 39, 569-573.	0.9	8
88	Effects of Atomoxetine on Levels of Monoamines and Related Substances in Discrete Brain Regions in Mice Intermittently Deprived of Rapid Eye Movement Sleep. <i>Biological and Pharmaceutical Bulletin</i> , 2010, 33, 617-621.	0.6	8
89	Antinociceptive effect following dietary-induced thiamine deficiency in mice. <i>Life Sciences</i> , 2001, 69, 1155-1166.	2.0	7
90	p-Hydroxyamphetamine causes prepulse inhibition disruptions in mice: Contribution of dopamine neurotransmission. <i>Behavioural Brain Research</i> , 2010, 214, 349-356.	1.2	7

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91	p-Hydroxyamphetamine causes prepulse inhibition disruption in mice: Contribution of serotonin neurotransmission. <i>Behavioural Brain Research</i> , 2011, 224, 159-165.	1.2	7
92	Etidronate attenuates tactile allodynia by spinal ATP release inhibition in mice with partial sciatic nerve ligation. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2019, 392, 349-357.	1.4	7
93	A novel dipeptide derived from porcine liver hydrolysate induces recovery from physical fatigue in a mouse model. <i>Journal of Functional Foods</i> , 2021, 76, 104312.	1.6	7
94	Central administration of p-hydroxyamphetamine produces a behavioral stimulant effect in rodents: evidence for the involvement of dopaminergic systems. <i>Psychopharmacology</i> , 2010, 208, 323-331.	1.5	6
95	Phenylmethanesulfonyl fluoride, a serine protease inhibitor, suppresses naloxone-precipitated withdrawal jumping in morphine-dependent mice. <i>Neuropeptides</i> , 2013, 47, 187-191.	0.9	6
96	Angiotensin (1 $\alpha$ -7) Attenuates the Nociceptive Behavior Induced by Substance P and NMDA &lt;i>via</i> Spinal MAS1. <i>Biological and Pharmaceutical Bulletin</i> , 2021, 44, 742-746.	0.6	6
97	Suppressive effects by cysteine protease inhibitors on naloxone-precipitated withdrawal jumping in morphine-dependent mice. <i>Neuropeptides</i> , 2010, 44, 279-283.	0.9	5
98	Dopamine D2 receptor supersensitivity in the hypothalamus of olfactory bulbectomized mice. <i>Brain Research</i> , 2020, 1746, 147015.	1.1	5
99	Antidepressant Effect of Intracerebroventricularly Administered Deltorphin Analogs in the Mouse Tail Suspension Test. <i>Biological and Pharmaceutical Bulletin</i> , 2022, 45, 538-541.	0.6	5
100	Inhibitory effect of pranidipine on N-type voltage-dependent Ca <sup>2+</sup> channels in mice. <i>Neuroscience Letters</i> , 2004, 367, 118-122.	1.0	4
101	Executive Functions of Postweaning Protein Malnutrition in Mice. <i>Biological and Pharmaceutical Bulletin</i> , 2011, 34, 1413-1417.	0.6	4
102	Effect of repeated oral administration of chondroitin sulfate on neuropathic pain induced by partial sciatic nerve ligation in mice. <i>Journal of Pharmacological Sciences</i> , 2018, 137, 403-406.	1.1	4
103	Low Skeletal Muscle Mass Is Associated With Perioperative Neurocognitive Disorder Due To Decreased Neurogenesis in Rats. <i>Anesthesia and Analgesia</i> , 2022, 134, 194-203.	1.1	4
104	Central action of 9-methyl-7-bromo-eudistomin D (MBED), a derivative of eudistomin D isolated from <i>Eudistoma olivaceum</i> . <i>Methods and Findings in Experimental and Clinical Pharmacology</i> , 1998, 20, 53.	0.8	4
105	ERK5 inhibitor BIX02189 attenuates methamphetamine-induced hyperactivity by modulating microglial activation in the striatum. <i>Journal of Pharmacological Sciences</i> , 2022, 148, 326-330.	1.1	4
106	S-(+)-fenfluramine-induced nociceptive behavior in mice: Involvement of interactions between spinal serotonin and substance P systems. <i>Neuropeptides</i> , 2007, 41, 33-38.	0.9	3
107	Involvement of the p53 tumor-suppressor protein in the development of antinociceptive tolerance to morphine. <i>Neuroscience Letters</i> , 2009, 450, 365-368.	1.0	3
108	5,19-cyclo-9 $\beta$ ,10 $\beta$ -androstane-3,17-dione promotes neurotrophic factor biosynthesis in 1321N1 human astrocytoma cells and improves passive avoidance learning impairment. <i>Brain Research</i> , 2007, 1184, 57-64.	1.1	2

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109	Immunohistochemical estimation of rat brain choline acetyltransferase related to learning and memory impairment induced by thiamine deficiency. <i>The Japanese Journal of Pharmacology</i> , 1999, 79, 258.	1.2	1
110	Enhanced Behavioral Response to Serotonin-Related Agonists in Postweaning Protein Malnourished Mice. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 1697-1702.	0.6	1
111	Behavioral and Neurochemical Alterations Following Thiamine Deficiency in Rodents: Relationship to Functions of Cholinergic Neurons. <i>ChemInform</i> , 2005, 36, no.	0.1	0
112	Antidepressant effect of BE360, a new selective estrogen receptor modulator, and its mechanism in ovariectomized mice. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO3-1-19.	0.0	0
113	Hippocampal AMPK activation suppresses depressive-like behavior in olfactory bulbectomized mice. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO3-1-31.	0.0	0
114	Liver hydrolysate produces antidepressant and antidementia effects in olfactory bulbectomized mice. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO3-1-16.	0.0	0
115	Anti-allodynic effect of angiotensin (1-7) on streptozotocin-induced diabetic neuropathic pain. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO2-2-24.	0.0	0
116	Inhibitory effect of repeated oral administration of chondroitin sulfate on the formalin-induced tactile allodynia in mice. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO2-2-5.	0.0	0