

Taku Nagai

List of Publications by Year in descending order

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129
papers

6,939
citations

61857

43
h-index

66788

78
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138
all docs

138
docs citations

138
times ranked

9109
citing authors

#	ARTICLE	IF	CITATIONS
1	CD38 is critical for social behaviour by regulating oxytocin secretion. <i>Nature</i> , 2007, 446, 41-45.	13.7	614
2	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.	0.2	270
3	RAGE-mediated signaling contributes to intraneuronal transport of amyloid- β^2 and neuronal dysfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20021-20026.	3.3	251
4	Behavioral abnormality and pharmacologic response in social isolation-reared mice. <i>Behavioural Brain Research</i> , 2009, 202, 114-121.	1.2	214
5	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.	2.1	213
6	Silibinin prevents amyloid β^2 peptide-induced memory impairment and oxidative stress in mice. <i>British Journal of Pharmacology</i> , 2009, 157, 1270-1277.	2.7	169
7	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.	0.5	166
8	Role of Tumor Necrosis Factor- α in Methamphetamine-Induced Drug Dependence and Neurotoxicity. <i>Journal of Neuroscience</i> , 2004, 24, 2212-2225.	1.7	158
9	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.	0.7	149
10	Butyrylcholinesterase inhibitors ameliorate cognitive dysfunction induced by amyloid- β^2 peptide in mice. <i>Behavioural Brain Research</i> , 2011, 225, 222-229.	1.2	131
11	FUS regulates AMPA receptor function and FTL/ALS-associated behaviour via GluA1 mRNA stabilization. <i>Nature Communications</i> , 2015, 6, 7098.	5.8	129
12	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.	1.4	128
13	Aripiprazole ameliorates phencyclidine-induced impairment of recognition memory through dopamine D1 and serotonin 5-HT1A receptors. <i>Psychopharmacology</i> , 2009, 202, 315-328.	1.5	127
14	Combined effect of neonatal immune activation and mutant DISC1 on phenotypic changes in adulthood. <i>Behavioural Brain Research</i> , 2010, 206, 32-37.	1.2	126
15	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.	1.0	124
16	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.	2.1	121
17	Clozapine, but not haloperidol, reverses social behavior deficit in mice during withdrawal from chronic phencyclidine treatment. <i>NeuroReport</i> , 2001, 12, 11-15.	0.6	120
18	Nobiletin, a citrus flavonoid, improves cognitive impairment and reduces soluble $A\beta^2$ levels in a triple transgenic mouse model of Alzheimer's disease (3XTg-AD). <i>Behavioural Brain Research</i> , 2015, 289, 69-77.	1.2	111

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19	Cytoskeletal Regulation by ALTS2 in Neuronal Migration and Neuritogenesis. <i>Cell Reports</i> , 2014, 9, 2166-2179.	2.9	109
20	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.	3.3	105
21	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.	3.3	104
22	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.	1.2	94
23	Phosphoproteomics of the Dopamine Pathway Enables Discovery of Rap1 Activation as a Reward Signal In Vivo. <i>Neuron</i> , 2016, 89, 550-565.	3.8	81
24	Immunocytochemical evidence that amyloid β (1-42) impairs endogenous antioxidant systems in vivo. <i>Neuroscience</i> , 2003, 119, 399-419.	1.1	79
25	Silibinin attenuates cognitive deficits and decreases of dopamine and serotonin induced by repeated methamphetamine treatment. <i>Behavioural Brain Research</i> , 2010, 207, 387-393.	1.2	79
26	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.	1.7	79
27	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.	1.1	77
28	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.	2.8	75
29	A Novel Molecule α -Shati Is Involved in Methamphetamine-Induced Hyperlocomotion, Sensitization, and Conditioned Place Preference. <i>Journal of Neuroscience</i> , 2007, 27, 7604-7615.	1.7	72
30	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.	1.2	71
31	Silibinin Attenuates Amyloid β Peptide-Induced Memory Impairments: Implication of Inducible Nitric-Oxide Synthase and Tumor Necrosis Factor- α in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 331, 319-326.	1.3	71
32	Clozapine Prevents a Decrease in Neurogenesis in Mice Repeatedly Treated With Phencyclidine. <i>Journal of Pharmacological Sciences</i> , 2007, 103, 299-308.	1.1	69
33	Behavioural adaptations to addictive drugs in mice lacking the NMDA receptor epsilon1 subunit. <i>European Journal of Neuroscience</i> , 2004, 19, 151-158.	1.2	63
34	Repeated methamphetamine treatment impairs spatial working memory in rats: reversal by clozapine but not haloperidol. <i>Psychopharmacology</i> , 2007, 194, 21-32.	1.5	62
35	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.	0.7	61
36	A neuroactive steroid, dehydroepiandrosterone sulfate, prevents the development of morphine dependence and tolerance via c-fos expression linked to the extracellular signal-regulated protein kinase. <i>Behavioural Brain Research</i> , 2004, 152, 243-250.	1.2	60

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37	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.	1.7	60
38	The role of tissue plasminogen activator in methamphetamine-related reward and sensitization. <i>Journal of Neurochemistry</i> , 2005, 92, 660-667.	2.1	54
39	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.	0.2	53
40	Astroglial IFITM3 mediates neuronal impairments following neonatal immune challenge in mice. <i>Glia</i> , 2013, 61, 679-693.	2.5	53
41	Phencyclidine Impairs Latent Learning in Mice Interaction between Glutamatergic Systems and Sigma1 Receptors. <i>Neuropsychopharmacology</i> , 2001, 24, 451-460.	2.8	51
42	Neurosteroids Ameliorate Conditioned Fear Stress An Association with Sigma1 Receptors. <i>Neuropsychopharmacology</i> , 2000, 23, 276-284.	2.8	48
43	GABAB receptor agonist baclofen improves methamphetamine-induced cognitive deficit in mice. <i>European Journal of Pharmacology</i> , 2009, 602, 101-104.	1.7	44
44	Phosphorylation Signals in Striatal Medium Spiny Neurons. <i>Trends in Pharmacological Sciences</i> , 2016, 37, 858-871.	4.0	44
45	Drug Dependence, Synaptic Plasticity, and Tissue Plasminogen Activator. <i>Journal of Pharmacological Sciences</i> , 2005, 97, 157-161.	1.1	43
46	A Novel Azaindolinone 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.	1.3	43
47	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.	1.0	43
48	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.	2.9	43
49	Effects of antipsychotics on the behavioral deficits in human dominant-negative DISC1 transgenic mice with neonatal poly:C treatment. <i>Behavioural Brain Research</i> , 2011, 225, 305-310.	1.2	42
50	ARHGAP10, which encodes Rho GTPase-activating protein 10, is a novel gene for schizophrenia risk. <i>Translational Psychiatry</i> , 2020, 10, 247.	2.4	42
51	Morphine tolerance and dependence in the nociceptin receptor knockout mice. <i>Journal of Neural Transmission</i> , 2001, 108, 1349-1361.	1.4	41
52	Prenatal NMDA Receptor Antagonism Impaired Proliferation of Neuronal Progenitor, Leading to Fewer Glutamatergic Neurons in the Prefrontal Cortex. <i>Neuropsychopharmacology</i> , 2012, 37, 1387-1396.	2.8	41
53	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.	3.3	40
54	Astroglial major histocompatibility complex class I following immune activation leads to behavioral and neuropathological changes. <i>Glia</i> , 2018, 66, 1034-1052.	2.5	39

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55	Dysfunction of dopamine release in the prefrontal cortex of dysbindin deficient sandy mice: An in vivo microdialysis study. <i>Neuroscience Letters</i> , 2010, 470, 134-138.	1.0	38
56	Prenatal Nicotine Exposure Impairs the Proliferation of Neuronal Progenitors, Leading to Fewer Glutamatergic Neurons in the Medial Prefrontal Cortex. <i>Neuropsychopharmacology</i> , 2016, 41, 578-589.	2.8	38
57	Genetic and animal model analyses reveal the pathogenic role of a novel deletion of RELN in schizophrenia. <i>Scientific Reports</i> , 2018, 8, 13046.	1.6	38
58	AUTS2 Regulation of Synapses for Proper Synaptic Inputs and Social Communication. <i>IScience</i> , 2020, 23, 101183.	1.9	38
59	Alterations of GABAergic and dopaminergic systems in mutant mice with disruption of exons 2 and 3 of the <i>Disc1</i> gene. <i>Neurochemistry International</i> , 2014, 74, 74-83.	1.9	37
60	Phosphorylation of Npas4 by MAPK Regulates Reward-Related Gene Expression and Behaviors. <i>Cell Reports</i> , 2019, 29, 3235-3252.e9.	2.9	37
61	Ginkgo biloba extract EGb 761 attenuates hippocampal neuronal loss and cognitive dysfunction resulting from chronic restraint stress in ovariectomized rats. <i>Neuroscience</i> , 2007, 149, 256-262.	1.1	36
62	Exposure to enriched environments during adolescence prevents abnormal behaviours associated with histone deacetylation in phencyclidine-treated mice. <i>International Journal of Neuropsychopharmacology</i> , 2012, 15, 1489-1501.	1.0	36
63	Heterozygous Disruption of Autism susceptibility candidate 2 Causes Impaired Emotional Control and Cognitive Memory. <i>PLoS ONE</i> , 2015, 10, e0145979.	1.1	36
64	Enhanced antidepressant efficacy of β 1 receptor agonists in rats after chronic intracerebroventricular infusion of β 2-amyloid-(1-40) protein. <i>European Journal of Pharmacology</i> , 2004, 486, 151-161.	1.7	34
65	The long-lasting effects of cross-fostering on the emotional behavior in ICR mice. <i>Behavioural Brain Research</i> , 2009, 198, 172-178.	1.2	33
66	Neuronal Per Arnt Sim (PAS) Domain Protein 4 (NPAS4) Regulates Neurite Outgrowth and Phosphorylation of Synapsin I. <i>Journal of Biological Chemistry</i> , 2013, 288, 2655-2664.	1.6	33
67	Animal Model for Schizophrenia That Reflects Gene-Environment Interactions. <i>Biological and Pharmaceutical Bulletin</i> , 2011, 34, 1364-1368.	0.6	32
68	Balance between dopamine and adenosine signals regulates the PKA/Rap1 pathway in striatal medium spiny neurons. <i>Neurochemistry International</i> , 2019, 122, 8-18.	1.9	32
69	Transcriptional suppression of the neuronal <i>PAS</i> domain 4 (<i>Npas4</i>) gene by stress via the binding of agonist-bound glucocorticoid receptor to its promoter. <i>Journal of Neurochemistry</i> , 2012, 123, 866-875.	2.1	30
70	Reelin has a preventive effect on phencyclidine-induced cognitive and sensory-motor gating deficits. <i>Neuroscience Research</i> , 2015, 96, 30-36.	1.0	30
71	Comprehensive analysis of a novel mouse model of the 22q11.2 deletion syndrome: a model with the most common 3.0-Mb deletion at the human 22q11.2 locus. <i>Translational Psychiatry</i> , 2020, 10, 35.	2.4	30
72	Animal models of schizophrenia for molecular and pharmacological intervention and potential candidate molecules. <i>Neurobiology of Disease</i> , 2013, 53, 61-74.	2.1	29

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73	Maternal molecular hydrogen administration ameliorates rat fetal hippocampal damage caused by in utero ischemiaâ€“reperfusion. <i>Free Radical Biology and Medicine</i> , 2014, 69, 324-330.	1.3	29
74	Alteration of gene expression and DNA methylation in drug-resistant gastric cancer. <i>Oncology Reports</i> , 2014, 31, 1883-1890.	1.2	29
75	Modification by the tissue plasminogen activator-plasmin system of morphine-induced dopamine release and hyperlocomotion, but not anti-nociceptive effect in mice. <i>Journal of Neurochemistry</i> , 2005, 93, 1272-1279.	2.1	25
76	The Extensive Nitration of Neurofilament Light Chain in the Hippocampus Is Associated with the Cognitive Impairment Induced by Amyloid I ² in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 327, 137-147.	1.3	24
77	Reelin Supplementation Into the Hippocampus Rescues Abnormal Behavior in a Mouse Model of Neurodevelopmental Disorders. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 285.	1.8	24
78	Neuronal <sc>PAS</sc> domain protein 4 (Npas4) controls neuronal homeostasis in pentylenetetrazoleâ€“induced epilepsy through the induction of Homer1a. <i>Journal of Neurochemistry</i> , 2018, 145, 19-33.	2.1	23
79	Involvement of Tissue Plasminogen Activator-Plasmin System in Depolarization-Evoked Dopamine Release in the Nucleus Accumbens of Mice. <i>Molecular Pharmacology</i> , 2006, 70, 1720-1725.	1.0	22
80	Synergistic Effects of Adenosine A2A Antagonist and L-DOPA on Rotational Behaviors in 6-Hydroxydopamine-Induced Hemi-Parkinsonian Mouse Model. <i>Journal of Pharmacological Sciences</i> , 2007, 103, 329-332.	1.1	22
81	Possible involvement of protease-activated receptor-1 in the regulation of morphine-induced dopamine release and hyperlocomotion by the tissue plasminogen activator-plasmin system. <i>Journal of Neurochemistry</i> , 2007, 101, 1392-1399.	2.1	22
82	Molecular mechanism linking BDNF/TrkB signaling with the NMDA receptor in memory: the role of Girdin in the CNS. <i>Reviews in the Neurosciences</i> , 2016, 27, 481-490.	1.4	21
83	Association of impaired neuronal migration with cognitive deficits in extremely preterm infants. <i>JCI Insight</i> , 2017, 2, .	2.3	21
84	Enhancement of immobility induced by repeated phencyclidine injection: association with c-Fos protein in the mouse brain. <i>Behavioural Brain Research</i> , 2001, 124, 71-76.	1.2	20
85	Involvement of hippocampal extracellular signal-regulated kinase 1/2 in spatial working memory in rats. <i>NeuroReport</i> , 2006, 17, 1453-1457.	0.6	20
86	Nicotine ameliorates impairment of working memory in methamphetamine-treated rats. <i>Behavioural Brain Research</i> , 2011, 220, 159-163.	1.2	20
87	Placental Extract Improves Hippocampal Neuronal Loss and Fear Memory Impairment Resulting From Chronic Restraint Stress in Ovariectomized Mice. <i>Journal of Pharmacological Sciences</i> , 2012, 120, 89-97.	1.1	19
88	Acid load during total parenteral nutrition: comparison of hydrochloric acid and acetic acid on plasma acid-base balance. <i>Nutrition</i> , 2000, 16, 260-263.	1.1	18
89	Reinforcing effects of morphine are reduced in tissue plasminogen activator-knockout mice. <i>Neuroscience</i> , 2007, 146, 50-59.	1.1	18
90	Deletion of SHATI/NAT8L increases dopamine D1 receptor on the cell surface in the nucleus accumbens, accelerating methamphetamine dependence. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 443-453.	1.0	18

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91	Administration of molecular hydrogen during pregnancy improves behavioral abnormalities of offspring in a maternal immune activation model. <i>Scientific Reports</i> , 2018, 8, 9221.	1.6	18
92	Role of tissue plasminogen activator in the sensitization of methamphetamine-induced dopamine release in the nucleus accumbens. <i>Journal of Neurochemistry</i> , 2008, 105, 436-444.	2.1	16
93	D-Serine Ameliorates Neonatal Poly:I:C Treatment-Induced Emotional and Cognitive Impairments in Adult Mice. <i>Journal of Pharmacological Sciences</i> , 2012, 120, 213-227.	1.1	16
94	Matrix metalloproteinase-3 is a possible mediator of neurodevelopmental impairment due to poly:I:C-induced innate immune activation of astrocytes. <i>Brain, Behavior, and Immunity</i> , 2014, 38, 272-282.	2.0	16
95	Prenatal exposure to phencyclidine produces abnormal behaviour and NMDA receptor expression in postpubertal mice. <i>International Journal of Neuropsychopharmacology</i> , 2010, 13, 877-889.	1.0	15
96	Combination of chronic stress and ovariectomy causes conditioned fear memory deficits and hippocampal cholinergic neuronal loss in mice. <i>Neuroscience</i> , 2012, 207, 261-273.	1.1	15
97	Plasma dehydroepiandrosterone sulfate levels in patients with major depressive disorder correlate with remission during treatment with antidepressants. <i>Human Psychopharmacology</i> , 2014, 29, 280-286.	0.7	15
98	Accumbal D2R-medium spiny neurons regulate aversive behaviors through PKA-Rap1 pathway. <i>Neurochemistry International</i> , 2021, 143, 104935.	1.9	14
99	Activation of postsynaptic dopamine D ₁ receptors promotes the release of tissue plasminogen activator in the nucleus accumbens via PKA signaling. <i>Journal of Neurochemistry</i> , 2007, 103, 2589-2596.	2.1	13
100	Stress increases DNA methylation of the neuronal PAS domain 4 (Npas4) gene. <i>NeuroReport</i> , 2015, 26, 827-832.	0.6	13
101	Generation and analysis of novel <i>Reln</i> -deleted mouse model corresponding to exonic <i>Reln</i> deletion in schizophrenia. <i>Psychiatry and Clinical Neurosciences</i> , 2020, 74, 318-327.	1.0	13
102	Shati/Nat8l deficiency disrupts adult neurogenesis and causes attentional impairment through dopaminergic neuronal dysfunction in the dentate gyrus. <i>Journal of Neurochemistry</i> , 2021, 157, 642-655.	2.1	13
103	Microinjection of Reelin into the mPFC prevents MK-801-induced recognition memory impairment in mice. <i>Pharmacological Research</i> , 2021, 173, 105832.	3.1	12
104	SHATI/NAT8L regulates neurite outgrowth via microtubule stabilization. <i>Journal of Neuroscience Research</i> , 2013, 91, 1525-1532.	1.3	11
105	Basic and Translational Research on Proteinase-Activated Receptors: Regulation of Nicotine Reward by the Tissue Plasminogen Activator (tPA) - Plasmin System via Proteinase-Activated Receptor 1. <i>Journal of Pharmacological Sciences</i> , 2008, 108, 408-414.	1.1	10
106	The expression of HMGA1a is increased in lymphoblastoid cell lines from schizophrenia patients. <i>Neurochemistry International</i> , 2010, 56, 736-739.	1.9	10
107	Induction of interferon-induced transmembrane protein 3 gene expression by lipopolysaccharide in astrocytes. <i>European Journal of Pharmacology</i> , 2014, 745, 166-175.	1.7	10
108	Mice carrying a schizophrenia-associated mutation of the <i>Arhgap10</i> gene are vulnerable to the effects of methamphetamine treatment on cognitive function: association with morphological abnormalities in striatal neurons. <i>Molecular Brain</i> , 2021, 14, 21.	1.3	10

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109	Analysis of Reelin signaling and neurodevelopmental trajectory in primary cultured cortical neurons with RELN deletion identified in schizophrenia. <i>Neurochemistry International</i> , 2021, 144, 104954.	1.9	9
110	Glucocorticoid receptor signaling in ventral tegmental area neurons increases the rewarding value of a high-fat diet in mice. <i>Scientific Reports</i> , 2021, 11, 12873.	1.6	9
111	Effects of sub-acute and sub-chronic inhalation of 1-bromopropane on neurogenesis in adult rats. <i>Toxicology</i> , 2013, 304, 76-82.	2.0	8
112	Innate immune activation of astrocytes impairs neurodevelopment via upregulation of follistatin-like 1 and interferon-induced transmembrane protein 3. <i>Journal of Neuroinflammation</i> , 2018, 15, 295.	3.1	8
113	Proteomic analysis of lymphoblastoid cell lines from schizophrenic patients. <i>Translational Psychiatry</i> , 2019, 9, 126.	2.4	8
114	Dynamic subcellular localization and transcription activity of the SRF cofactor MKL2 in the striatum are regulated by MAPK. <i>Journal of Neurochemistry</i> , 2021, 157, 1774-1788.	2.1	8
115	KANPHOS: A Database of Kinase-Associated Neural Protein Phosphorylation in the Brain. <i>Cells</i> , 2022, 11, 47.	1.8	8
116	Incidence of and risk factors associated with nedaplatin-related hypersensitivity reactions. <i>International Journal of Clinical Oncology</i> , 2017, 22, 593-599.	1.0	7
117	Cell type-specific activation of mitogen-activated protein kinase in D1 receptor-expressing neurons of the nucleus accumbens potentiates stimulus-reward learning in mice. <i>Scientific Reports</i> , 2018, 8, 14413.	1.6	7
118	Overexpression of astroglial major histocompatibility complex class I in the medial prefrontal cortex impairs visual discrimination learning in mice. <i>Molecular Brain</i> , 2020, 13, 170.	1.3	7
119	Muscarinic signaling regulates voltage-gated potassium channel KCNQ2 phosphorylation in the nucleus accumbens via protein kinase C for aversive learning. <i>Journal of Neurochemistry</i> , 2022, 160, 325-341.	2.1	7
120	Phosphoproteomic of the acetylcholine pathway enables discovery of the PKC- β -PIX-Rac1-PAK cascade as a stimulatory signal for aversive learning. <i>Molecular Psychiatry</i> , 2022, 27, 3479-3492.	4.1	7
121	Exposure to diphtheria toxin during the juvenile period impairs both inner and outer hair cells in C57BL/6 mice. <i>Neuroscience</i> , 2017, 351, 15-23.	1.1	6
122	Pharmacological and proteomic analyses of neonatal polyI:C-treated adult mice. <i>Neuroscience Research</i> , 2019, 147, 39-47.	1.0	6
123	Noradrenergic refinement of glutamatergic neuronal circuits in the lateral superior olivary nucleus before hearing onset. <i>Journal of Neurophysiology</i> , 2015, 114, 1974-1986.	0.9	5
124	Isoflurane Induces Transient Impairment of Retention of Spatial Working Memory in Rats. <i>Acta Medica Okayama</i> , 2016, 70, 455-460.	0.1	5
125	Involvement of dopaminergic system in the nucleus accumbens in the discriminative stimulus effects of phencyclidine. <i>Neuropharmacology</i> , 2002, 42, 764-771.	2.0	3
126	Methylation analysis for postpartum depression: a case control study. <i>BMC Psychiatry</i> , 2019, 19, 190.	1.1	3

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127	Mice with exonic RELN deletion identified from a patient with schizophrenia have impaired visual discrimination learning and reversal learning in touchscreen operant tasks. Behavioural Brain Research, 2022, 416, 113569.	1.2	3
128	Valosin-containing protein (VCP) is a novel IQ motif-containing GTPase activating protein 1 (IQGAP1)-interacting protein. Biochemical and Biophysical Research Communications, 2017, 493, 1384-1389.	1.0	2
129	The physiology and pathophysiology of basal ganglia: From signal transduction to circuits. Neurochemistry International, 2019, 131, 104544.	1.9	1