Tsuyoshi Miyakawa

List of Publications by Year
in descending order

211	16,139	19657 61	19749 117
papers	citations	h-index	g-index

226	226	226	20570
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Acute and chronic effects of oral administration of a mediumâ€chain fatty acid, capric acid, on locomotor activity and anxietyâ€like and depressionâ€related behaviors in adult male C57BL/6J mice. Neuropsychopharmacology Reports, 2022, 42, 59-69.	2.3	11
2	Exposure to GABAA Receptor Antagonist Picrotoxin in Pregnant Mice Causes Autism-Like Behaviors and Aberrant Gene Expression in Offspring. Frontiers in Psychiatry, 2022, 13, 821354.	2.6	4
3	Perturbation of monoamine metabolism and enhanced fear responses in mice defective in the regeneration of tetrahydrobiopterin. Journal of Neurochemistry, 2022, , .	3.9	1
4	Insight into the function of a unique voltage-sensor protein (TMEM266) and its short form in mouse cerebellum. Biochemical Journal, 2022, , .	3.7	1
5	Prolonged contextual fear memory in AMPA receptor palmitoylation-deficient mice. Neuropsychopharmacology, 2022, 47, 2150-2159.	5.4	5
6	Decreased nesting behavior, selective increases in locomotor activity in a novel environment, and paradoxically increased open arm exploration in Neurogranin knockout mice. Neuropsychopharmacology Reports, 2021, 41, 111-116.	2.3	11
7	Neuronal degeneration and cognitive impairment can be prevented via the normalization of mitochondrial dynamics. Pharmacological Research, 2021, 163, 105246.	7.1	3
8	Forebrain-specific deficiency of the GTPase CRAG/Centaurin-Î³3 leads to immature dentate gyri and hyperactivity in mice. Journal of Biological Chemistry, 2021, 296, 100620.	3.4	4
9	Heterogeneity of microglial proton channel in different brain regions and its relationship with aging. Journal of Neurochemistry, 2021, 157, 624-641.	3.9	3
10	Effects of test experience, closed-arm wall color, and illumination level on behavior and plasma corticosterone response in an elevated plus maze in male C57BL/6J mice: a challenge against conventional interpretation of the test. Molecular Brain, 2021, 14, 34.	2.6	35
11	Mice with mutations in Trpm1, a gene in the locus of 15q13.3 microdeletion syndrome, display pronounced hyperactivity and decreased anxiety-like behavior. Molecular Brain, 2021, 14, 61.	2.6	4
12	Dysfunction of the proteoglycan Tsukushi causes hydrocephalus through altered neurogenesis in the subventricular zone in mice. Science Translational Medicine, 2021, 13, .	12.4	14
13	Brain-specific heterozygous loss-of-function of ATP2A2, endoplasmic reticulum Ca2+ pump responsible for Darierâ€™s disease, causes behavioral abnormalities and a hyper-dopaminergic state. Human Molecular Genetics, 2021, 30, 1762-1772.	2.9	18
14	ERAD components Derlin-1 and Derlin-2 are essential for postnatal brain development and motor function. IScience, 2021, 24, 102758.	4.1	11
15	Similarities of developmental gene expression changes in the brain between human and experimental animals: rhesus monkey, mouse, Zebrafish, and Drosophila. Molecular Brain, 2021, 14, 135.	2.6	8
16	Vasopressin escape and memory impairment in a model of chronic syndrome of inappropriate secretion of antidiuretic hormone in mice. Endocrine Journal, 2021, 68, 31-43.	1.6	4
17	Protein lactylation induced by neural excitation. Cell Reports, 2021, 37, 109820.	6.4	110
18	Obligatory roles of dopamine D1 receptors in the dentate gyrus in antidepressant actions of a selective serotonin reuptake inhibitor, fluoxetine. Molecular Psychiatry, 2020, 25, 1229-1244.	7.9	46

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19	Differential effects of stress exposure via two types of restraint apparatuses on behavior and plasma corticosterone level in inbred male BALB/cAJcl mice. Neuropsychopharmacology Reports, 2020, 40, 73-84.	2.3	40
20	Suppression of DNA Double-Strand Break Formation by DNA Polymerase Î² in Active DNA Demethylation Is Required for Development of Hippocampal Pyramidal Neurons. Journal of Neuroscience, 2020, 40, 9012-9027.	3.6	5
21	Protrudin-deficient mice manifest depression-like behavior with abnormalities in activity, attention, and cued fear-conditioning. Molecular Brain, 2020, 13, 146.	2.6	8
22	Impairment of spatial memory accuracy improved by Cbr1 copy number resumption and GABAB receptor-dependent enhancement of synaptic inhibition in Down syndrome model mice. Scientific Reports, 2020, 10, 14187.	3.3	3
23	Behavioral and electrophysiological evidence for a neuroprotective role of aquaporin-4 in the 5xFAD transgenic mice model. Acta Neuropathologica Communications, 2020, 8, 67.	5.2	27
24	Oligodendrocyte dysfunction due to Chd8 mutation gives rise to behavioral deficits in mice. Human Molecular Genetics, 2020, 29, 1274-1291.	2.9	36
25	Nasal vaccine delivery attenuates brain pathology and cognitive impairment in tauopathy model mice. Npj Vaccines, 2020, 5, 28.	6.0	15
26	Tsukushi is essential for the development of the inner ear. Molecular Brain, 2020, 13, 29.	2.6	14
27	No raw data, no science: another possible source of the reproducibility crisis. Molecular Brain, 2020, 13, 24.	2.6	143
28	The Autism-Related Protein SETD5 Controls Neural Cell Proliferation through Epigenetic Regulation of rDNA Expression. IScience, 2020, 23, 101030.	4.1	18
29	Loss of the neural-specific BAF subunit ACTL6B relieves repression of early response genes and causes recessive autism. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10055-10066.	7.1	34
30	Neural symptoms in a gene knockout mouse model of SjÃ¶grenâ€Larsson syndrome are associated with a decrease in 2â€hydroxygalactosylceramide. FASEB Journal, 2019, 33, 928-941.	0.5	20
31	Fluoxetine-induced dematuration of hippocampal neurons and adult cortical neurogenesis in the common marmoset. Molecular Brain, 2019, 12, 69.	2.6	28
32	Increased depression-related behavior during the postpartum period in inbred BALB/c and C57BL/6 strains. Molecular Brain, 2019, 12, 70.	2.6	24
33	Comprehensive behavioral analysis of heterozygous Syngap1 knockout mice. Neuropsychopharmacology Reports, 2019, 39, 223-237.	2.3	58
34	A GENOME-WIDE ASSOCIATION STUDY IDENTIFIES A NOVEL LOCUS ASSOCIATED WITH DEPRESSIVE STATE IN THE JAPANESE POPULATION. European Neuropsychopharmacology, 2019, 29, S905.	0.7	0
35	Open source code for behavior analysis in rodents. Neuropsychopharmacology Reports, 2019, 39, 67-69.	2.3	15
36	Transcriptomic immaturity inducible by neural hyperexcitation is shared by multiple neuropsychiatric disorders. Communications Biology, 2019, 2, 32.	4.4	18

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37	Genome-wide association study identifies a novel locus associated with psychological distress in the Japanese population. Translational Psychiatry, 2019, 9, 52.	4.8	7
38	Minimal amount of tissueâ€based pH measurement to improve quality control in neuropsychiatric postâ€mortem brain studies. Psychiatry and Clinical Neurosciences, 2019, 73, 566-573.	1.8	2
39	Scn2a haploinsufficient mice display a spectrum of phenotypes affecting anxiety, sociability, memory flexibility and ampakine CX516 rescues their hyperactivity. Molecular Autism, 2019, 10, 15.	4.9	56
40	Transcriptomic evidence for immaturity induced by antidepressant fluoxetine in the hippocampus and prefrontal cortex. Neuropsychopharmacology Reports, 2019, 39, 78-89.	2.3	22
41	Ageâ€related behavioral changes from young to old age in male mice of a C57<scp>BL</scp>/6J strain maintained under a genetic stability program. Neuropsychopharmacology Reports, 2019, 39, 100-118.	2.3	119
42	Reduced chain length in myelin sphingolipids and poorer motor coordination in mice deficient in the fatty acid elongaseElovl1. FASEB BioAdvances, 2019, 1, 747-759.	2.4	18
43	Peripheral blood metabolome predicts mood change-related activity in mouse model of bipolar disorder. Molecular Brain, 2019, 12, 107.	2.6	6
44	Expression of progenitor cell/immature neuron markers does not present definitive evidence for adult neurogenesis. Molecular Brain, 2019, 12, 108.	2.6	41
45	Acquired expression of mutant Mitofusin 2 causes progressive neurodegeneration and abnormal behavior. Journal of Neuroscience, 2019, 39, 2139-18.	3.6	7
46	Comprehensive behavioral analysis and quantification of brain free amino acids of C57<scp>BL</scp>/6J congenic mice carrying the 1473G allele in tryptophan hydroxylaseâ€2. Neuropsychopharmacology Reports, 2019, 39, 56-60.	2.3	6
47	TRPM2 confers susceptibility to social stress but is essential for behavioral flexibility. Brain Research, 2019, 1704, 68-77.	2.2	7
48	TRPM2 confers susceptibility to social stress but is essential for behavioral flexibility. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2019, 92, 2-P-021.	0.0	0
49	Comprehensive behavioral analysis of tryptophan 2,3â€dioxygenase (Tdo2) knockout mice. Neuropsychopharmacology Reports, 2018, 38, 52-60.	2.3	18
50	Behavioral effects of longâ€term oral administration of aluminum ammonium sulfate in male and female C57<scp>BL</scp>/6J mice. Neuropsychopharmacology Reports, 2018, 38, 18-36.	2.3	9
51	Decreased Brain pH as a Shared Endophenotype of Psychiatric Disorders. Neuropsychopharmacology, 2018, 43, 459-468.	5.4	94
52	Attenuated bidirectional short-term synaptic plasticity in the dentate gyrus of Schnurri-2 knockout mice, a model of schizophrenia. Molecular Brain, 2018, 11, 56.	2.6	6
53	Neuroethics Questions to Guide Ethical Research in the International Brain Initiatives. Neuron, 2018, 100, 19-36.	8.1	104
54	Distribution of Caskin1 protein and phenotypic characterization of its knockout mice using a comprehensive behavioral test battery. Molecular Brain, 2018, 11, 63.	2.6	28

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55	Comprehensive behavioral analysis of the Cdkl5 knockout mice revealed significant enhancement in anxiety- and fear-related behaviors and impairment in both acquisition and long-term retention of spatial reference memory. PLoS ONE, 2018, 13, e0196587.	2.5	52
56	Immature-like molecular expression patterns in the hippocampus of a mouse model of dementia with Lewy body-linked mutant Î²-synuclein. Molecular Brain, 2018, 11, 38.	2.6	13
57	Dissociated Role of D-Serine in Extinction During Consolidation vs. Reconsolidation of Context Conditioned Fear. Frontiers in Molecular Neuroscience, 2018, 11, 161.	2.9	12
58	Relationships between the acoustic startle response and prepulse inhibition in C57BL/6J mice: a large-scale meta-analytic study. Molecular Brain, 2018, 11, 42.	2.6	42
59	Comprehensive behavioral analysis of mice deficient in Rapgef2 and Rapgef6, a subfamily of guanine nucleotide exchange factors for Rap small GTPases possessing the Ras/Rap-associating domain. Molecular Brain, 2018, 11, 27.	2.6	19
60	Comprehensive behavioral analysis of indoleamine 2,3â€dioxygenase knockout mice. Neuropsychopharmacology Reports, 2018, 38, 133-144.	2.3	10
61	Dorsal Forebrain-Specific Deficiency of Reelin-Dab1 Signal Causes Behavioral Abnormalities Related to Psychiatric Disorders. Cerebral Cortex, 2017, 27, 3485-3501.	2.9	36
62	Prothymosin alphaâ€deficiency enhances anxietyâ€like behaviors and impairs learning/memory functions and neurogenesis. Journal of Neurochemistry, 2017, 141, 124-136.	3.9	15
63	Decreased cohesin in the brain leads to defective synapse development and anxiety-related behavior. Journal of Experimental Medicine, 2017, 214, 1431-1452.	8.5	44
64	Ts1Cje Down syndrome model mice exhibit environmental stimuli-triggered locomotor hyperactivity and sociability concurrent with increased flux through central dopamine and serotonin metabolism. Experimental Neurology, 2017, 293, 1-12.	4.1	15
65	Transcriptomic immaturity of the hippocampus and prefrontal cortex in patients with alcoholism. Scientific Reports, 2017, 7, 44531.	3.3	23
66	Loss of X-linked Protocadherin-19 differentially affects the behavior of heterozygous female and hemizygous male mice. Scientific Reports, 2017, 7, 5801.	3.3	42
67	Arid1b Haploinsufficiency Causes Abnormal Brain Gene Expression and Autism-Related Behaviors in Mice. International Journal of Molecular Sciences, 2017, 18, 1872.	4.1	57
68	Comprehensive Behavioral Analysis of Activating Transcription Factor 5-Deficient Mice. Frontiers in Behavioral Neuroscience, 2017, 11, 125.	2.0	19
69	Abnormalities in perineuronal nets and behavior in mice lacking CSGalNAcT1, a key enzyme in chondroitin sulfate synthesis. Molecular Brain, 2017, 10, 47.	2.6	25
70	Immature morphological properties in subcellular-scale structures in the dentate gyrus of Schnurri-2 knockout mice: a model for schizophrenia and intellectual disability. Molecular Brain, 2017, 10, 60.	2.6	21
71	Mutation-induced loss of APP function causes GABAergic depletion in recessive familial Alzheimerâ€™s disease: analysis of Osaka mutation-knockin mice. Acta Neuropathologica Communications, 2017, 5, 59.	5.2	23
72	Cohort Removal Induces Changes in Body Temperature, Pain Sensitivity, and Anxiety-Like Behavior. Frontiers in Behavioral Neuroscience, 2016, 10, 99.	2.0	8

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73	Disruption of the SjÃ¶gren-Larsson Syndrome Gene Aldh3a2 in Mice Increases Keratinocyte Growth and Retards Skin Barrier Recovery. Journal of Biological Chemistry, 2016, 291, 11676-11688.	3.4	30
74	Mice that lack the C-terminal region of Reelin exhibit behavioral abnormalities related to neuropsychiatric disorders. Scientific Reports, 2016, 6, 28636.	3.3	36
75	Gomafu lncRNA knockout mice exhibit mild hyperactivity with enhanced responsiveness to the psychostimulant methamphetamine. Scientific Reports, 2016, 6, 27204.	3.3	50
76	Comprehensive behavioral analysis of RNG105 (Caprin1) heterozygous mice: Reduced social interaction and attenuated response to novelty. Scientific Reports, 2016, 6, 20775.	3.3	33
77	Circadian Gene Circuitry Predicts Hyperactive Behavior in a Mood Disorder Mouse Model. Cell Reports, 2016, 14, 2784-2796.	6.4	38
78	CHD8 haploinsufficiency results in autistic-like phenotypes in mice. Nature, 2016, 537, 675-679.	27.8	268
79	Distribution of Silver Nanoparticles to Breast Milk and Their Biological Effects on Breast-Fed Offspring Mice. ACS Nano, 2016, 10, 8180-8191.	14.6	59
80	Age-related changes in behavior in C57BL/6J mice from young adulthood to middle age. Molecular Brain, 2016, 9, 11.	2.6	342
81	Comprehensive behavioral phenotyping of a new Semaphorin 3ÂF mutant mouse. Molecular Brain, 2016, 9, 15.	2.6	28
82	QRFP-Deficient Mice Are Hypophagic, Lean, Hypoactive and Exhibit Increased Anxiety-Like Behavior. PLoS ONE, 2016, 11, e0164716.	2.5	28
83	Combined behavioral studies and in vivo imaging of inflammatory response and expression of mGlu5 receptors in schnurri-2 knockout mice. Neuroscience Letters, 2015, 609, 159-164.	2.1	6
84	Comprehensive behavioral analysis of voltage-gated calcium channel beta-anchoring and -regulatory protein knockout mice. Frontiers in Behavioral Neuroscience, 2015, 9, 141.	2.0	32
85	Comprehensive Behavioral Analysis of Male Ox1râ^'/â^' Mice Showed Implication of Orexin Receptor-1 in Mood, Anxiety, and Social Behavior. Frontiers in Behavioral Neuroscience, 2015, 9, 324.	2.0	74
86	A CDC42EP4/septin-based perisynaptic glial scaffold facilitates glutamate clearance. Nature Communications, 2015, 6, 10090.	12.8	21
87	TRPV4 activation at the physiological temperature is a critical determinant of neuronal excitability and behavior. Pflugers Archiv European Journal of Physiology, 2015, 467, 2495-2507.	2.8	66
88	IRBIT regulates CaMKIIÎ± activity and contributes to catecholamine homeostasis through tyrosine hydroxylase phosphorylation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5515-5520.	7.1	35
89	Reply to Warren et al. and Shay et al.: Commonalities across species do exist and are potentially important. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E347-8.	7.1	17
90	Genomic responses in mouse models greatly mimic human inflammatory diseases. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1167-1172.	7.1	427

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91	Increased Behavioral and Neuronal Responses to a Hallucinogenic Drug in PACAP Heterozygous Mutant Mice. PLoS ONE, 2014, 9, e89153.	2.5	20
92	Comprehensive Behavioral Analysis of Cluster of Differentiation 47 Knockout Mice. PLoS ONE, 2014, 9, e89584.	2.5	22
93	Enhanced stability of hippocampal place representation caused by reduced magnesium block of NMDA receptors in the dentate gyrus. Molecular Brain, 2014, 7, 44.	2.6	10
94	Transcriptomic evidence for immaturity of the prefrontal cortex in patients with schizophrenia. Molecular Brain, 2014, 7, 41.	2.6	39
95	Absence of BRINP1 in mice causes increase of hippocampal neurogenesis and behavioral alterations relevant to human psychiatric disorders. Molecular Brain, 2014, 7, 12.	2.6	42
96	Hippocampal Neurogenesis Regulates Forgetting During Adulthood and Infancy. Science, 2014, 344, 598-602.	12.6	579
97	Mechanisms for Interferon-Î±-Induced Depression and Neural Stem Cell Dysfunction. Stem Cell Reports, 2014, 3, 73-84.	4.8	61
98	SIRT1 overexpression ameliorates a mouse model of SOD1-linked amyotrophic lateral sclerosis via HSF1/HSP70i chaperone system. Molecular Brain, 2014, 7, 62.	2.6	77
99	Targeted deletion of the C-terminus of the mouse adenomatous polyposis coli tumor suppressor results in neurologic phenotypes related to schizophrenia. Molecular Brain, 2014, 7, 21.	2.6	24
100	Comprehensive behavioral study of mGluR3 knockout mice: implication in schizophrenia related endophenotypes. Molecular Brain, 2014, 7, 31.	2.6	51
101	Contextual and Cued Fear Conditioning Test Using a Video Analyzing System in Mice. Journal of Visualized Experiments, 2014, , .	0.3	103
102	IL1RAPL1 knockout mice show spine density decrease, learning deficiency, hyperactivity and reduced anxiety-like behaviours. Scientific Reports, 2014, 4, 6613.	3.3	46
103	Synaptosomal-associated protein 25 mutation induces immaturity of the dentate granule cells of adult mice. Molecular Brain, 2013, 6, 12.	2.6	51
104	ENU-mutagenesis mice with a non-synonymous mutation in Grin1 exhibit abnormal anxiety-like behaviors, impaired fear memory, and decreased acoustic startle response. BMC Research Notes, 2013, 6, 203.	1.4	27
105	Point Mutation in Syntaxin-1A Causes Abnormal Vesicle Recycling, Behaviors, and Short Term Plasticity. Journal of Biological Chemistry, 2013, 288, 34906-34919.	3.4	16
106	Chronic overload of SEPT4, a parkin substrate that aggregates in Parkinsonâ€™s disease, causes behavioral alterations but not neurodegeneration in mice. Molecular Brain, 2013, 6, 35.	2.6	23
107	Chronic fluoxetine treatment reduces parvalbumin expression and perineuronal nets in gamma-aminobutyric acidergic interneurons of the frontal cortex in adult mice. Molecular Brain, 2013, 6, 43.	2.6	86
108	Orexin Receptor-1 in the Locus Coeruleus Plays an Important Role in Cue-Dependent Fear Memory Consolidation. Journal of Neuroscience, 2013, 33, 14549-14557.	3.6	106

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109	The immature dentate gyrus represents a shared phenotype of mouse models of epilepsy and psychiatric disease. Bipolar Disorders, 2013, 15, 405-421.	1.9	57
110	Deficiency of Schnurri-2, an MHC Enhancer Binding Protein, Induces Mild Chronic Inflammation in the Brain and Confers Molecular, Neuronal, and Behavioral Phenotypes Related to Schizophrenia. Neuropsychopharmacology, 2013, 38, 1409-1425.	5.4	143
111	Fluoxetine-Induced Cortical Adult Neurogenesis. Neuropsychopharmacology, 2013, 38, 909-920.	5.4	71
112	Increased astrocytic ATP release results in enhanced excitability of the hippocampus. Glia, 2013, 61, 210-224.	4.9	40
113	Post-natal treatment by a blood-brain-barrier permeable calpain inhibitor, SNJ1945 rescued defective function in lissencephaly. Scientific Reports, 2013, 3, 1224.	3.3	19
114	PRICKLE1 Interaction with SYNAPSIN I Reveals a Role in Autism Spectrum Disorders. PLoS ONE, 2013, 8, e80737.	2.5	39
115	Mice lacking collapsin response mediator protein 1 manifest hyperactivity, impaired learning and memory, and impaired prepulse inhibition. Frontiers in Behavioral Neuroscience, 2013, 7, 216.	2.0	29
116	In vivo evaluation of cellular activity in Î±CaMKII heterozygous knockout mice using manganese-enhanced magnetic resonance imaging (MEMRI). Frontiers in Integrative Neuroscience, 2013, 7, 76.	2.1	11
117	Immature Dentate Gyrus: An Endophenotype of Neuropsychiatric Disorders. Neural Plasticity, 2013, 2013, 1-24.	2.2	101
118	Detection of an immature dentate gyrus feature in human schizophrenia/bipolar patients. Translational Psychiatry, 2012, 2, e135-e135.	4.8	119
119	T-maze Forced Alternation and Left-right Discrimination Tasks for Assessing Working and Reference Memory in Mice. Journal of Visualized Experiments, 2012, , .	0.3	65
120	Î±-Synuclein BAC transgenic mice as a model for Parkinson's disease manifested decreased anxiety-like behavior and hyperlocomotion. Neuroscience Research, 2012, 73, 173-177.	1.9	60
121	Comprehensive behavioral analysis of ENU-induced Disc1-Q31L and -L100P mutant mice. BMC Research Notes, 2012, 5, 108.	1.4	37
122	M4 muscarinic receptor knockout mice display abnormal social behavior and decreased prepulse inhibition. Molecular Brain, 2012, 5, 10.	2.6	44
123	Impaired synaptic clustering of postsynaptic density proteins and altered signal transmission in hippocampal neurons, and disrupted learning behavior in PDZ1 and PDZ2 ligand binding-deficient PSD-95 knockin mice. Molecular Brain, 2012, 5, 43.	2.6	47
124	Comprehensive behavioral analysis of pituitary adenylate cyclase-activating polypeptide (PACAP) knockout mice. Frontiers in Behavioral Neuroscience, 2012, 6, 58.	2.0	73
125	DRPLA transgenic mouse substrains carrying single copy of full-length mutant human DRPLA gene with variable sizes of expanded CAG repeats exhibit CAG repeat length- and age-dependent changes in behavioral abnormalities and gene expression profiles. Neurobiology of Disease, 2012, 46, 336-350.	4.4	23
126	Rightâ€hemispheric dominance of spatial memory in splitâ€brain mice. Hippocampus, 2012, 22, 117-121.	1.9	64

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127	Behavioral Abnormalities Observed in Zfhx2-Deficient Mice. PLoS ONE, 2012, 7, e53114.	2.5	19
128	The importance of metrics for evaluating scientific performance. Journal of Information Processing and Management, 2012, 55, 157-166.	0.0	1
129	Inactivation of fibroblast growth factor binding protein 3 causes anxiety-related behaviors. Molecular and Cellular Neurosciences, 2011, 46, 200-212.	2.2	16
130	Forebrain-specific constitutively active CaMKKÎ± transgenic mice show deficits in hippocampus-dependent long-term memory. Neurobiology of Learning and Memory, 2011, 96, 238-247.	1.9	11
131	Relaxin-3-Deficient Mice Showed Slight Alteration in Anxiety-Related Behavior. Frontiers in Behavioral Neuroscience, 2011, 5, 50.	2.0	49
132	Adenomatous polyposis coli heterozygous knockout mice display hypoactivity and age-dependent working memory deficits. Frontiers in Behavioral Neuroscience, 2011, 5, 85.	2.0	20
133	Expression of the AMPA Receptor Subunits GluR1 and GluR2 is Associated with Granule Cell Maturation in the Dentate Gyrus. Frontiers in Neuroscience, 2011, 5, 100.	2.8	37
134	The Influence of Chronic Cerebral Hypoperfusion on Cognitive Function and Amyloid Î² Metabolism in APP Overexpressing Mice. PLoS ONE, 2011, 6, e16567.	2.5	68
135	P301S Mutant Human Tau Transgenic Mice Manifest Early Symptoms of Human Tauopathies with Dementia and Altered Sensorimotor Gating. PLoS ONE, 2011, 6, e21050.	2.5	160
136	Chronic treatment with fluoxetine for more than 6 weeks decreases neurogenesis in the subventricular zone of adult mice. Molecular Brain, 2011, 4, 10.	2.6	53
137	DIP/WISH deficiency enhances synaptic function and performance in the Barnes maze. Molecular Brain, 2011, 4, 39.	2.6	4
138	Synaptic E3 Ligase SCRAPPER in Contextual Fear Conditioning: Extensive Behavioral Phenotyping of Scrapper Heterozygote and Overexpressing Mutant Mice. PLoS ONE, 2011, 6, e17317.	2.5	25
139	Comprehensive behavioural study of GluR4 knockout mice: implication in cognitive function. Genes, Brain and Behavior, 2010, 9, 899-909.	2.2	35
140	Ischemia-induced neurogenesis of neocortical layer 1 progenitor cells. Nature Neuroscience, 2010, 13, 173-179.	14.8	198
141	Behavioral profiles of three C57BL/6 substrains. Frontiers in Behavioral Neuroscience, 2010, 4, 29.	2.0	149
142	Comprehensive Behavioral Analysis of Calcium/Calmodulin-Dependent Protein Kinase IV Knockout Mice. PLoS ONE, 2010, 5, e9460.	2.5	59
143	Decreased Exploratory Activity in a Mouse Model of 15q Duplication Syndrome; Implications for Disturbance of Serotonin Signaling. PLoS ONE, 2010, 5, e15126.	2.5	98
144	Reversal of hippocampal neuronal maturation by serotonergic antidepressants. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8434-8439.	7.1	187

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145	Stress-Evoked Tyrosine Phosphorylation of Signal Regulatory Protein Î± Regulates Behavioral Immobility in the Forced Swim Test. Journal of Neuroscience, 2010, 30, 10472-10483.	3.6	41
146	A Mouse Model Characterizing Features of Vascular Dementia With Hippocampal Atrophy. Stroke, 2010, 41, 1278-1284.	2.0	167
147	SDOP-DB: a comparative standardized-protocol database for mouse phenotypic analyses. Bioinformatics, 2010, 26, 1133-1134.	4.1	3
148	Expression of tryptophan 2,3-dioxygenase in mature granule cells of the adult mouse dentate gyrus. Molecular Brain, 2010, 3, 26.	2.6	43
149	KF-1 ubiquitin ligase: an anxiety suppressor. Frontiers in Neuroscience, 2009, 3, 15-24.	2.8	9
150	Comprehensive behavioral phenotyping of ryanodine receptor type3 (RyR3) knockout mice: Decreased social contact duration in two social interaction tests. Frontiers in Behavioral Neuroscience, 2009, 3, 3.	2.0	70
151	Neural activity changes underlying the working memory deficit in alpha-CaMKII heterozygous knockout mice. Frontiers in Behavioral Neuroscience, 2009, 3, 20.	2.0	55
152	Mice with Altered Myelin Proteolipid Protein Gene Expression Display Cognitive Deficits Accompanied by Abnormal Neuron-Glia Interactions and Decreased Conduction Velocities. Journal of Neuroscience, 2009, 29, 8363-8371.	3.6	66
153	Inhibition of calpain increases LIS1 expression and partially rescues in vivo phenotypes in a mouse model of lissencephaly. Nature Medicine, 2009, 15, 1202-1207.	30.7	67
154	Nardilysin regulates axonal maturation and myelination in the central and peripheral nervous system. Nature Neuroscience, 2009, 12, 1506-1513.	14.8	72
155	Abnormal Behavior in a Chromosome- Engineered Mouse Model for Human 15q11-13 Duplication Seen in Autism. Cell, 2009, 137, 1235-1246.	28.9	432
156	Abnormal social behavior, hyperactivity, impaired remote spatial memory, and increased D1-mediated dopaminergic signaling in neuronal nitric oxide synthase knockout mice. Molecular Brain, 2009, 2, 19.	2.6	116
157	Abnormalities in brain structure and behavior in GSK-3alpha mutant mice. Molecular Brain, 2009, 2, 35.	2.6	162
158	Dissection of Hippocampal Dentate Gyrus from Adult Mouse. Journal of Visualized Experiments, 2009, , .	0.3	151
159	Intrauterine environment-genome interaction and Children's development (4): Brain-behavior phenotypying of genetically-engineered mice using a comprehensive behavioral test battery on research of neuropsychiatric disorders. Journal of Toxicological Sciences, 2009, 34, SP293-SP305.	1.5	10
160	The potential benefit of JoVE, an online video journal for science. Journal of Information Processing and Management, 2009, 52, 69-76.	0.0	4
161	Roles of continuous neurogenesis in the structural and functional integrity of the adult forebrain. Nature Neuroscience, 2008, 11, 1153-1161.	14.8	921
162	Increased social interaction in mice deficient of the striatal medium spiny neuronâ€specific phosphodiesterase 10A2. Journal of Neurochemistry, 2008, 105, 546-556.	3.9	100

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163	Downâ€regulation of protocadherinâ€α A isoforms in mice changes contextual fear conditioning and spatial working memory. European Journal of Neuroscience, 2008, 28, 1362-1376.	2.6	59
164	Impaired long-term memory retention and working memory in sdy mutant mice with a deletion in Dtnbp1, a susceptibility gene for schizophrenia. Molecular Brain, 2008, 1, 11.	2.6	111
165	Normal mitochondrial respiratory function is essential for spatial remote memory in mice. Molecular Brain, 2008, 1, 21.	2.6	36
166	Alpha-CaMKII deficiency causes immature dentate gyrus, a novel candidate endophenotype of psychiatric disorders. Molecular Brain, 2008, 1, 6.	2.6	261
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