Yuqing Li

List of Publications by Year in descending order

86 papers	6,479 citations	126901 33 h-index	66906 78 g-index
90 all docs	90 docs citations	90 times ranked	6667 citing authors

#	Article	IF	Citations
1	The complete sequence of the rice (Oryza sativa) chloroplast genome: Intermolecular recombination between distinct tRNA genes accounts for a major plastid DNA inversion during the evolution of the cereals. Molecular Genetics and Genomics, 1989, 217, 185-194.	2.4	1,133
2	Postnatal NMDA receptor ablation in corticolimbic interneurons confers schizophrenia-like phenotypes. Nature Neuroscience, 2010, 13, 76-83.	14.8	675
3	Whisker-related neuronal patterns fail to develop in the trigeminal brainstem nuclei of NMDAR1 knockout mice. Cell, 1994, 76, 427-437.	28.9	461
4	The pathophysiological basis of dystonias. Nature Reviews Neuroscience, 2008, 9, 222-234.	10.2	420
5	Lhx2 Selector Activity Specifies Cortical Identity and Suppresses Hippocampal Organizer Fate. Science, 2008, 319, 304-309.	12.6	288
6	Disrupted motor learning and long-term synaptic plasticity in mice lacking NMDAR1 in the striatum. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 15254-15259.	7.1	242
7	Generation and characterization of Dyt1 Î”GAG knock-in mouse as a model for early-onset dystonia. Experimental Neurology, 2005, 196, 452-463.	4.1	192
8	Neuronal targets for reducing mutant huntingtin expression to ameliorate disease in a mouse model of Huntington's disease. Nature Medicine, 2014, 20, 536-541.	30.7	177
9	TorsinA binds the KASH domain of nesprins and participates in linkage between nuclear envelope and cytoskeleton. Journal of Cell Science, 2008, 121, 3476-3486.	2.0	159
10	Mutant torsinA interferes with protein processing through the secretory pathway in DYT1 dystonia cells. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7271-7276.	7.1	127
11	Myoclonus, Motor Deficits, Alterations in Emotional Responses and Monoamine Metabolism in Îµ-Sarcoglycan Deficient Mice. Journal of Biochemistry, 2006, 140, 141-146.	1.7	117
12	Î²1-Integrins Are Critical for Cerebellar Granule Cell Precursor Proliferation. Journal of Neuroscience, 2004, 24, 3402-3412.	3.6	112
13	Fe-Curcumin Nanozyme-Mediated Reactive Oxygen Species Scavenging and Anti-Inflammation for Acute Lung Injury. ACS Central Science, 2022, 8, 10-21.	11.3	97
14	Cytotoxic and interferon gamma-producing activities of gamma delta T cells in the mouse intestinal epithelium are strain dependent.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 8204-8208.	7.1	96
15	Specificity and Efficiency of Cre-Mediated Recombination in Emx1â€“cre Knock-in Mice. Biochemical and Biophysical Research Communications, 2000, 273, 661-665.	2.1	90
16	Diversity of a ribonucleoprotein family in tobacco chlorplasts: two new chloroplast ribonucleoproteins and a phylogenetic tree of ten chloroplast RNA-binding domains. Nucleic Acids Research, 1991, 19, 6485-6490.	14.5	85
17	Motor restlessness, sleep disturbances, thermal sensory alterations and elevated serum iron levels in Btbd9 mutant mice. Human Molecular Genetics, 2012, 21, 3984-3992.	2.9	85
18	An anticholinergic reverses motor control and corticostriatal LTD deficits in Dyt1 Î”GAG knock-in mice. Behavioural Brain Research, 2012, 226, 465-472.	2.2	83

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19	Motor deficits and hyperactivity in Dyt1 knockdown mice. Neuroscience Research, 2006, 56, 470-474.	1.9	80
20	Cholinergic dysregulation produced by selective inactivation of the dystonia-associated protein torsinA. Neurobiology of Disease, 2012, 47, 416-427.	4.4	71
21	Motor Deficits and Hyperactivity in Cerebral Cortex-specific Dyt1 Conditional Knockout Mice. Journal of Biochemistry, 2007, 143, 39-47.	1.7	69
22	Characterization of Atp1a3 mutant mice as a model of rapid-onset dystonia with parkinsonism. Behavioural Brain Research, 2011, 216, 659-665.	2.2	69
23	Forebrain glutamatergic neurons mediate leptin action on depression-like behaviors and synaptic depression. Translational Psychiatry, 2012, 2, e83-e83.	4.8	68
24	Collybistin is required for both the formation and maintenance of GABAergic postsynapses in the hippocampus. Molecular and Cellular Neurosciences, 2008, 39, 161-169.	2.2	66
25	Altered Dendritic Morphology of Purkinje cells in Dyt1 Î”GAG Knock-In and Purkinje Cell-Specific Dyt1 Conditional Knockout Mice. PLoS ONE, 2011, 6, e18357.	2.5	65
26	Motor Deficits and Decreased Striatal Dopamine Receptor 2 Binding Activity in the Striatum-Specific Dyt1 Conditional Knockout Mice. PLoS ONE, 2011, 6, e24539.	2.5	64
27	Chemical enhancement of torsinA function in cell and animal models of torsion dystonia. DMM Disease Models and Mechanisms, 2010, 3, 386-396.	2.4	55
28	Engineering animal models of dystonia. Movement Disorders, 2013, 28, 990-1000.	3.9	51
29	Increased seizure susceptibility and cortical malformation in Î²-catenin mutant mice. Biochemical and Biophysical Research Communications, 2004, 320, 606-614.	2.1	48
30	Nucleic acid-binding specificities of tobacco chloroplast ribonucleoproteins. Nucleic Acids Research, 1991, 19, 2893-2896.	14.5	45
31	Emx1-Specific Expression of Foreign Genes Using â€œKnock-inâ€•Approach. Biochemical and Biophysical Research Communications, 2000, 270, 978-982.	2.1	42
32	Earlier onset of motor deficits in mice with double mutations in Dyt1 and Sgce. Journal of Biochemistry, 2010, 148, 459-466.	1.7	41
33	Enhanced Hippocampal Long-Term Potentiation and Fear Memory in Btbd9 Mutant Mice. PLoS ONE, 2012, 7, e35518.	2.5	39
34	Alteration of Striatal Dopaminergic Neurotransmission in a Mouse Model of DYT11 Myoclonus-Dystonia. PLoS ONE, 2012, 7, e33669.	2.5	35
35	Abnormal nuclear envelope in the cerebellar Purkinje cells and impaired motor learning in DYT11 myoclonus-dystonia mouse models. Behavioural Brain Research, 2012, 227, 12-20.	2.2	34
36	NF1 Is a Direct G Protein Effector Essential for Opioid Signaling to Ras in the Striatum. Current Biology, 2016, 26, 2992-3003.	3.9	34

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37	Differential Dopamine D1 and D3 Receptor Modulation and Expression in the Spinal Cord of Two Mouse Models of Restless Legs Syndrome. Frontiers in Behavioral Neuroscience, 2018, 12, 199.	2.0	34
38	Reduced anxiety- and depression-like behaviors in Emx1 homozygous mutant mice. Brain Research, 2002, 937, 32-40.	2.2	33
39	Tobacco nuclear gene for the 31 kd chloroplast ribonucleoprotein: genomic organization, sequence analysis and expression. Nucleic Acids Research, 1991, 19, 2987-2991.	14.5	32
40	A mental retardation gene, motopsinâ€Š/neurotrypsinâ€Š/prss12, modulates hippocampal function and social interaction. European Journal of Neuroscience, 2009, 30, 2368-2378.	2.6	32
41	Increased c-fos expression in the central nucleus of the amygdala and enhancement of cued fear memory in Dyt1 Î”GAG knock-in mice. Neuroscience Research, 2009, 65, 228-235.	1.9	32
42	Abnormal nuclear envelopes in the striatum and motor deficits in DYT11 myoclonus-dystonia mouse models. Human Molecular Genetics, 2012, 21, 916-925.	2.9	32
43	The Role of BTBD9 in Striatum and Restless Legs Syndrome. ENeuro, 2019, 6, ENEURO.0277-19.2019.	1.9	31
44	Exclusive paternal expression and novel alternatively spliced variants of Îµ-sarcoglycan mRNA in mouse brain. FEBS Letters, 2005, 579, 4822-4828.	2.8	30
45	Animal models of RLS phenotypes. Sleep Medicine, 2017, 31, 23-28.	1.6	30
46	Improved motor performance in Dyt1 Î”GAG heterozygous knock-in mice by cerebellar Purkinje-cell specific Dyt1 conditional knocking-out. Behavioural Brain Research, 2012, 230, 389-398.	2.2	29
47	Striatopallidal Neuron NMDA Receptors Control Synaptic Connectivity, Locomotor, and Goal-Directed Behaviors. Journal of Neuroscience, 2016, 36, 4976-4992.	3.6	29
48	In vivo imaging reveals impaired connectivity across cortical and subcortical networks in a mouse model of DYT1 dystonia. Neurobiology of Disease, 2016, 95, 35-45.	4.4	29
49	Decreased dopamine receptor 1 activity and impaired motor-skill transfer in Dyt1 Î”GAG heterozygous knock-in mice. Behavioural Brain Research, 2015, 279, 202-210.	2.2	28
50	DNAzyme-based biosensors for mercury (â…¡) detection: Rational construction, advances and perspectives. Journal of Hazardous Materials, 2022, 431, 128606.	12.4	26
51	Neuropeptide S Ameliorates Cognitive Impairment of APP/PS1 Transgenic Mice by Promoting Synaptic Plasticity and Reducing Aî² Deposition. Frontiers in Behavioral Neuroscience, 2019, 13, 138.	2.0	25
52	Normal Corpus Callosum in Emx1 Mutant Mice with C57BL/6 Background. Biochemical and Biophysical Research Communications, 2000, 276, 649-653.	2.1	23
53	Decreased number of striatal cholinergic interneurons and motor deficits in dopamine receptor 2-expressing-cell-specific Dyt1 conditional knockout mice. Neurobiology of Disease, 2020, 134, 104638.	4.4	23
54	Consensus Guidelines on Rodent Models of Restless Legs Syndrome. Movement Disorders, 2021, 36, 558-569.	3.9	23

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55	Chapter 1 The gene knockout technology for the analysis of learning and memory, and neural development. Progress in Brain Research, 1995, 105, 3-14.	1.4	21
56	A Role for Dystonia-Associated Genes in Spinal GABAergic Interneuron Circuitry. Cell Reports, 2017, 21, 666-678.	6.4	21
57	Behavioral and Electrophysiological Characterization of Dyt1 Heterozygous Knockout Mice. PLoS ONE, 2015, 10, e0120916.	2.5	21
58	Ablation of TrkB expression in RGS9-2 cells leads to hyperphagic obesity. Molecular Metabolism, 2013, 2, 491-497.	6.5	20
59	Electromyographic evidence in support of a knockâ€in mouse model of DYT1 Dystonia. Movement Disorders, 2016, 31, 1633-1639.	3.9	20
60	Pre-Synaptic Release Deficits in a DYT1 Dystonia Mouse Model. PLoS ONE, 2013, 8, e72491.	2.5	20
61	Cre-Mediated Cerebellum- and Hippocampus-Restricted Gene Mutation in Mouse Brain. Biochemical and Biophysical Research Communications, 2000, 269, 149-154.	2.1	17
62	Cell-Specific Deletion of PGC-1Î± from Medium Spiny Neurons Causes Transcriptional Alterations and Age-Related Motor Impairment. Journal of Neuroscience, 2018, 38, 3273-3286.	3.6	17
63	Hyperactivity, dopaminergic abnormalities, iron deficiency and anemia in an in vivo opioid receptors knockout mouse: Implications for the restless legs syndrome. Behavioural Brain Research, 2019, 374, 112123.	2.2	16
64	The Role of BTBD9 in the Cerebellum, Sleep-like Behaviors and the Restless Legs Syndrome. Neuroscience, 2020, 440, 85-96.	2.3	16
65	The role of BTBD9 in the cerebral cortex and the pathogenesis of restless legs syndrome. Experimental Neurology, 2020, 323, 113111.	4.1	15
66	The abnormal firing of Purkinje cells in the knockin mouse model of DYT1 dystonia. Brain Research Bulletin, 2020, 165, 14-22.	3.0	15
67	N-Methyl-D-Aspartic Acid Receptors on Striatal Neurons Are Essential for Cocaine Cue Reactivity in Mice. Biological Psychiatry, 2010, 67, 778-780.	1.3	14
68	BTBD9 and dopaminergic dysfunction in the pathogenesis of restless legs syndrome. Brain Structure and Function, 2020, 225, 1743-1760.	2.3	13
69	Rhes protein transits from neuron to neuron and facilitates mutant huntingtin spreading in the brain. Science Advances, 2022, 8, eabm3877.	10.3	12
70	Deficiency of Meis1, a transcriptional regulator, in mice and worms: Neurochemical and behavioral characterizations with implications in the restless legs syndrome. Journal of Neurochemistry, 2020, 155, 522-537.	3.9	11
71	cDNA cloning and sequencing of tobacco chloroplast ribosomal protein L12. FEBS Letters, 1992, 300, 199-202.	2.8	10
72	Alteration of the cholinergic system and motor deficits in cholinergic neuron-specific Dyt1 knockout mice. Neurobiology of Disease, 2021, 154, 105342.	4.4	10

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73	Structure and expression of the tobacco nuclear gene encoding the 33 kDa chloroplast ribonucleoprotein. Molecular Genetics and Genomics, 1993, 239, 304-309.	2.4	9
74	Mu opioid receptor knockout mouse: Phenotypes with implications on restless legs syndrome. Journal of Neuroscience Research, 2020, 98, 1532-1548.	2.9	9
75	Association between mitochondrial genetic variation and breast cancer risk: The Multiethnic Cohort. PLoS ONE, 2019, 14, e0222284.	2.5	6
76	Investigating the role of striatal dopamine receptor 2 in motor coordination and balance: Insights into the pathogenesis of DYT1 dystonia. Behavioural Brain Research, 2021, 403, 113137.	2.2	5
77	Characterization of the direct pathway in Dyt1 Î”GAG heterozygous knock-in mice and dopamine receptor 1-expressing-cell-specific Dyt1 conditional knockout mice. Behavioural Brain Research, 2021, 411, 113381.	2.2	5
78	Hyperactivity of Purkinje cell and motor deficits in C9orf72 knockout mice. Molecular and Cellular Neurosciences, 2022, 121, 103756.	2.2	5
79	Reversal of motor-skill transfer impairment by trihexyphenidyl and reduction of dorsolateral striatal cholinergic interneurons in Dyt1 Î”GAG knock-in mice. IBRO Neuroscience Reports, 2021, 11, 1-7.	1.6	4
80	Btbd9 Knockout Mice as a Model of Restless Legs Syndrome. , 2015, , 1191-1205.		3
81	Improved survival and overt â€œdystonicâ€•symptoms in a torsinA hypofunction mouse model. Behavioural Brain Research, 2020, 381, 112451.	2.2	3
82	Rodent Models of Autosomal Dominant Primary Dystonia. , 2015, , 483-505.		2
83	Probing the relationship between BTBD9 and MEIS1 in C. elegans and mouse. Experimental Results, 2020, 1, .	0.6	2
84	Mice lacking motopsin/PRSS12 gene showed abnormal social behavior. Neuroscience Research, 2007, 58, S64.	1.9	0
85	Lipid-Dependent Gating of Kv Channels and Excitability Change of Cerebellar Purkinje Neurons in an NPC1 Model Mouse. Biophysical Journal, 2017, 112, 404a.	0.5	0
86	Generation of Transgenic and Gene-Targeted Mouse Models of Movement Disorders. , 2005, , 33-44.		0