

Benjamin K Yee

List of Publications by Year in descending order

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152
papers

11,521
citations

36203

51
h-index

30010

103
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152
all docs

152
docs citations

152
times ranked

10896
citing authors

#	ARTICLE	IF	CITATIONS
1	Regional dissociations within the hippocampusâ€”memory and anxiety. <i>Neuroscience and Biobehavioral Reviews</i> , 2004, 28, 273-283.	2.9	1,239
2	The Time of Prenatal Immune Challenge Determines the Specificity of Inflammation-Mediated Brain and Behavioral Pathology. <i>Journal of Neuroscience</i> , 2006, 26, 4752-4762.	1.7	729
3	Ventral hippocampal lesions affect anxiety but not spatial learning. <i>Behavioural Brain Research</i> , 2003, 139, 197-213.	1.2	445
4	Towards an immuno-precipitated neurodevelopmental animal model of schizophrenia. <i>Neuroscience and Biobehavioral Reviews</i> , 2005, 29, 913-947.	2.9	438
5	Adult brain and behavioral pathological markers of prenatal immune challenge during early/middle and late fetal development in mice. <i>Brain, Behavior, and Immunity</i> , 2008, 22, 469-486.	2.0	413
6	Double dissociation of function within the hippocampus: A comparison of dorsal, ventral, and complete hippocampal cytotoxic lesions.. <i>Behavioral Neuroscience</i> , 1999, 113, 1170-1188.	0.6	359
7	Dissociating context and space within the hippocampus: Effects of complete, dorsal, and ventral excitotoxic hippocampal lesions on conditioned freezing and spatial learning.. <i>Behavioral Neuroscience</i> , 1999, 113, 1189-1203.	0.6	302
8	A Review of the Fetal Brain Cytokine Imbalance Hypothesis of Schizophrenia. <i>Schizophrenia Bulletin</i> , 2009, 35, 959-972.	2.3	273
9	Immunological stress at the maternalâ€”foetal interface: A link between neurodevelopment and adult psychopathology. <i>Brain, Behavior, and Immunity</i> , 2006, 20, 378-388.	2.0	254
10	The Neurodevelopmental Impact of Prenatal Infections at Different Times of Pregnancy: The Earlier the Worse?. <i>Neuroscientist</i> , 2007, 13, 241-256.	2.6	234
11	Adult behavioral and pharmacological dysfunctions following disruption of the fetal brain balance between pro-inflammatory and IL-10-mediated anti-inflammatory signaling. <i>Molecular Psychiatry</i> , 2008, 13, 208-221.	4.1	227
12	Dissociation of function between the dorsal and the ventral hippocampus in spatial learning abilities of the rat: a within-subject, within-task comparison of reference and working spatial memory. <i>European Journal of Neuroscience</i> , 2004, 19, 705-712.	1.2	223
13	Relative Prenatal and Postnatal Maternal Contributions to Schizophrenia-Related Neurochemical Dysfunction after In Utero Immune Challenge. <i>Neuropsychopharmacology</i> , 2008, 33, 441-456.	2.8	205
14	A schizophrenia-related sensorimotor deficit links NMDA -containing GABAA receptors to a dopamine hyperfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 17154-17159.	3.3	176
15	Glycine transporters as novel therapeutic targets in schizophrenia, alcohol dependence and pain. <i>Nature Reviews Drug Discovery</i> , 2013, 12, 866-885.	21.5	175
16	Influence of differential housing on emotional behaviour and neurotrophin levels in mice. <i>Behavioural Brain Research</i> , 2006, 169, 10-20.	1.2	168
17	Adenosine hypothesis of schizophrenia â€” Opportunities for pharmacotherapy. <i>Neuropharmacology</i> , 2012, 62, 1527-1543.	2.0	160
18	Double dissociation of the effects of selective nucleus accumbens core and shell lesions on impulsiveâ€”choice behaviour and salience learning in rats. <i>European Journal of Neuroscience</i> , 2005, 22, 2605-2616.	1.2	151

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19	Disruption of Glycine Transporter 1 Restricted to Forebrain Neurons Is Associated with a Pro-cognitive and Antipsychotic Phenotypic Profile. <i>Journal of Neuroscience</i> , 2006, 26, 3169-3181.	1.7	144
20	Maternal immune activation during pregnancy increases limbic GABAA receptor immunoreactivity in the adult offspring: Implications for schizophrenia. <i>Neuroscience</i> , 2006, 143, 51-62.	1.1	127
21	Latent inhibition in rats is abolished by NMDA-induced neuronal loss in the retrohippocampal region, but this lesion effect can be prevented by systemic haloperidol treatment.. <i>Behavioral Neuroscience</i> , 1995, 109, 227-240.	0.6	126
22	Double dissociation of function within the hippocampus: a comparison of dorsal, ventral, and complete hippocampal cytotoxic lesions. <i>Behavioral Neuroscience</i> , 1999, 113, 1170-88.	0.6	125
23	GABAA receptors containing the alpha5 subunit mediate the trace effect in aversive and appetitive conditioning and extinction of conditioned fear. <i>European Journal of Neuroscience</i> , 2004, 20, 1928-1936.	1.2	124
24	Genome-wide association of multiple complex traits in outbred mice by ultra-low-coverage sequencing. <i>Nature Genetics</i> , 2016, 48, 912-918.	9.4	124
25	Prenatal and postnatal maternal contributions in the infection model of schizophrenia. <i>Experimental Brain Research</i> , 2006, 173, 243-257.	0.7	122
26	The Protective Impact of Telemedicine on Persons With Dementia and Their Caregivers During the COVID-19 Pandemic. <i>American Journal of Geriatric Psychiatry</i> , 2020, 28, 1175-1184.	0.6	108
27	Evaluating Early Preventive Antipsychotic and Antidepressant Drug Treatment in an Infection-Based Neurodevelopmental Mouse Model of Schizophrenia. <i>Schizophrenia Bulletin</i> , 2010, 36, 607-623.	2.3	107
28	Radixin regulates synaptic GABAA receptor density and is essential for reversal learning and short-term memory. <i>Nature Communications</i> , 2015, 6, 6872.	5.8	106
29	On the influence of baseline startle reactivity on the indexation of prepulse inhibition.. <i>Behavioral Neuroscience</i> , 2008, 122, 885-900.	0.6	104
30	Exosomes in Inflammation and Inflammatory Disease. <i>Proteomics</i> , 2019, 19, e1800149.	1.3	104
31	The role of voluntary exercise in enriched rearing: A behavioral analysis.. <i>Behavioral Neuroscience</i> , 2006, 120, 787-803.	0.6	98
32	Haloperidol Differentially Modulates Prepulse Inhibition and P50 Suppression in Healthy Humans Stratified for Low and High Gating Levels. <i>Neuropsychopharmacology</i> , 2008, 33, 497-512.	2.8	97
33	Hippocampal $\alpha 5$ subunit-containing GABAA receptors modulate the expression of prepulse inhibition. <i>Molecular Psychiatry</i> , 2005, 10, 201-207.	4.1	94
34	The international society for developmental psychobiology annual meeting symposium: Impact of early life experiences on brain and behavioral development. <i>Developmental Psychobiology</i> , 2006, 48, 583-602.	0.9	87
35	Regulation of Fear Responses by Striatal and Extrastriatal Adenosine A2A Receptors in Forebrain. <i>Biological Psychiatry</i> , 2014, 75, 855-863.	0.7	87
36	The impact of voluntary exercise on mental health in rodents: A neuroplasticity perspective. <i>Behavioural Brain Research</i> , 2008, 192, 42-60.	1.2	85

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37	Age-related accumulation of Reelin in amyloid-like deposits. <i>Neurobiology of Aging</i> , 2009, 30, 697-716.	1.5	85
38	Adenosine augmentation ameliorates psychotic and cognitive endophenotypes of schizophrenia. <i>Journal of Clinical Investigation</i> , 2012, 122, 2567-2577.	3.9	84
39	The role of the entorhinal cortex in two forms of spatial learning and memory. <i>Experimental Brain Research</i> , 2001, 141, 281-303.	0.7	83
40	The Effects of Dizocilpine and Phencyclidine on Prepulse Inhibition of the Acoustic Startle Reflex and on Prepulse-Elicited Reactivity in C57BL6 Mice. <i>Neuropsychopharmacology</i> , 2004, 29, 1865-1877.	2.8	82
41	Selective inactivation of adenosine A2A receptors in striatal neurons enhances working memory and reversal learning. <i>Learning and Memory</i> , 2011, 18, 459-474.	0.5	81
42	The expression of prepulse inhibition of the acoustic startle reflex as a function of three pulse stimulus intensities, three prepulse stimulus intensities, and three levels of startle responsiveness in C57BL6/J mice. <i>Behavioural Brain Research</i> , 2005, 163, 265-276.	1.2	76
43	The effects of NMDA-induced retrohippocampal lesions on performance of four spatial memory tasks known to be sensitive to hippocampal damage in the rat. <i>European Journal of Neuroscience</i> , 1999, 11, 123-140.	1.2	73
44	Cytotoxic lesion of the medial prefrontal cortex abolishes the partial reinforcement extinction effect, attenuates prepulse inhibition of the acoustic startle reflex and induces transient hyperlocomotion, while sparing spontaneous object recognition memory in the rat. <i>Neuroscience</i> , 1999, 95, 675-689.	1.1	69
45	The postweaning social isolation in C57BL/6 mice: preferential vulnerability in the male sex. <i>Psychopharmacology</i> , 2008, 197, 613-628.	1.5	69
46	The effects of hippocampal formation ablation or fimbria-fornix section on performance of a nonspatial radial arm maze task by rats. <i>Journal of Neuroscience</i> , 1994, 14, 3766-3774.	1.7	68
47	Levels of neurotrophic factors in the hippocampus and amygdala correlate with anxiety- and fear-related behaviour in C57BL6 mice. <i>Journal of Neural Transmission</i> , 2007, 114, 431-444.	1.4	67
48	Age-dependent phenotypic characteristics of a triple transgenic mouse model of Alzheimer disease.. <i>Behavioral Neuroscience</i> , 2008, 122, 733-747.	0.6	66
49	Transgenic overexpression of adenosine kinase in brain leads to multiple learning impairments and altered sensitivity to psychomimetic drugs. <i>European Journal of Neuroscience</i> , 2007, 26, 3237-3252.	1.2	65
50	Apomorphine-Induced Prepulse Inhibition Disruption is Associated with a Paradoxical Enhancement of Prepulse Stimulus Reactivity. <i>Neuropsychopharmacology</i> , 2004, 29, 240-248.	2.8	63
51	Disruption of hippocampus-regulated behavioural and cognitive processes by heterozygous constitutive deletion of SynGAP. <i>European Journal of Neuroscience</i> , 2010, 31, 529-543.	1.2	63
52	Reduction in somatostatin and substance P levels and choline acetyltransferase activity in the cortex and hippocampus of the rat after chronic intracerebroventricular infusion of I ² -amyloid (1-40). <i>Brain Research Bulletin</i> , 1999, 50, 251-262.	1.4	52
53	Knowing which and knowing what: a potential mouse model for age-related human declarative memory decline. <i>European Journal of Neuroscience</i> , 1999, 11, 3312-3322.	1.2	51
54	Constitutive Genetic Deletion of the Growth Regulator Nogo-A Induces Schizophrenia-Related Endophenotypes. <i>Journal of Neuroscience</i> , 2010, 30, 556-567.	1.7	50

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55	Selective cytotoxic lesions of the retrohippocampal region produce a mild deficit in social recognition memory. <i>Experimental Brain Research</i> , 2002, 142, 395-401.	0.7	47
56	The influence of selective lesions to components of the hippocampal system on the orientating response, habituation and latent inhibition. <i>European Journal of Neuroscience</i> , 2002, 15, 1983-1990.	1.2	47
57	Neonatal Nonhandling and In Utero Prenatal Stress Reduce the Density of NADPH-Diaphorase-Reactive Neurons in the Fascia Dentata and Ammon's Horn of Rats. <i>Journal of Neuroscience</i> , 1997, 17, 5599-5609.	1.7	46
58	Immunologic and neurodevelopmental susceptibilities of autism. <i>NeuroToxicology</i> , 2008, 29, 532-545.	1.4	46
59	Limited impact of social isolation on Alzheimer-like symptoms in a triple transgenic mouse model. <i>Behavioral Neuroscience</i> , 2009, 123, 181-195.	0.6	46
60	Use of the elevated plus-maze test with opaque or transparent walls in the detection of mouse strain differences and the anxiolytic effects of diazepam. <i>Behavioural Pharmacology</i> , 2006, 17, 31-41.	0.8	45
61	The glycine transporter 1 inhibitor SSR504734 enhances working memory performance in a continuous delayed alternation task in C57BL/6 mice. <i>Psychopharmacology</i> , 2009, 202, 371-384.	1.5	45
62	A Pharmacogenetic "Restriction-of-Function" Approach Reveals Evidence for Anxiolytic-Like Actions Mediated by β -5-Containing GABAA Receptors in Mice. <i>Neuropsychopharmacology</i> , 2016, 41, 2492-2501.	2.8	45
63	Are DBA/2 mice associated with schizophrenia-like endophenotypes? A behavioural contrast with C57BL/6 mice. <i>Psychopharmacology</i> , 2009, 206, 677-698.	1.5	44
64	Enhanced recognition memory following glycine transporter 1 deletion in forebrain neurons. <i>Behavioral Neuroscience</i> , 2007, 121, 815-825.	0.6	43
65	Hippocampal β -5 subunit-containing GABAA receptors are involved in the development of the latent inhibition effect. <i>Neurobiology of Learning and Memory</i> , 2008, 89, 87-94.	1.0	43
66	Glycine transporter 1 as a potential therapeutic target for schizophrenia-related symptoms: Evidence from genetically modified mouse models and pharmacological inhibition. <i>Biochemical Pharmacology</i> , 2011, 81, 1065-1077.	2.0	43
67	Three Small Nucleolar RNAs Identified from the Spliced Leader-Associated RNA Locus in Kinetoplastid Protozoans. <i>Molecular and Cellular Biology</i> , 1998, 18, 4409-4417.	1.1	42
68	Impaired Prepulse Inhibition and Prepulse-Elicited Reactivity but Intact Reflex Circuit Excitability in Unmedicated Schizophrenia Patients: a Comparison With Healthy Subjects and Medicated Schizophrenia Patients. <i>Schizophrenia Bulletin</i> , 2009, 35, 244-255.	2.3	42
69	Activation of the retrohippocampal region in the rat causes dopamine release in the nucleus accumbens: disruption by fornix section. <i>European Journal of Pharmacology</i> , 2000, 407, 131-138.	1.7	40
70	Regulation of cognition and symptoms of psychosis: Focus on GABAA receptors and glycine transporter 1. <i>Pharmacology Biochemistry and Behavior</i> , 2008, 90, 58-64.	1.3	40
71	Environmental enrichment eliminates the anxiety phenotypes in a triple transgenic mouse model of Alzheimer's disease. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2014, 14, 996-1008.	1.0	40
72	Involvement of the entorhinal cortex in a process of attentional modulation: Evidence from a novel variant of an IDS/EDS procedure. <i>Behavioral Neuroscience</i> , 2001, 115, 841-849.	0.6	36

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73	The effects of hippocampal and fimbriae fornix lesions on prepulse inhibition.. Behavioral Neuroscience, 1999, 113, 968-981.	0.6	36
74	NADPH-diaphorase reactive pyramidal neurons in Ammon's horn and the subiculum of the rat hippocampal formation. Brain Research, 1996, 733, 31-40.	1.1	35
75	Latent inhibition is spared by n-methyl-d-aspartate (nmda)-induced ventral hippocampal lesions, but is attenuated following local activation of the ventral hippocampus by intracerebral nmda infusion. Neuroscience, 2004, 124, 183-194.	1.1	35
76	The acquisition, retention and reversal of spatial learning in the morris water maze task following withdrawal from an escalating dosage schedule of amphetamine in wistar rats. Neuroscience, 2003, 119, 167-179.	1.1	33
77	Cytotoxic lesions of the retrohippocampal region attenuate latent inhibition but spare the partial reinforcement extinction effect. Experimental Brain Research, 1997, 115, 247-256.	0.7	32
78	Latent inhibition in rats is abolished by NMDA-induced neuronal loss in the retrohippocampal region, but this lesion effect can be prevented by systemic haloperidol treatment. Behavioral Neuroscience, 1995, 109, 227-40.	0.6	32
79	A Comparison Between Schizophrenia Patients and Healthy Controls on the Expression of Attentional Blink in a Rapid Serial Visual Presentation (RSVP) Paradigm. Schizophrenia Bulletin, 2002, 28, 443-458.	2.3	31
80	Behavioral characterization of mice lacking the neurite outgrowth inhibitor NogoA. Genes, Brain and Behavior, 2009, 8, 181-192.	1.1	31
81	Prepulse inhibition predicts working memory performance whilst startle habituation predicts spatial reference memory retention in C57BL/6 mice. Behavioural Brain Research, 2013, 242, 166-177.	1.2	31
82	The amphetamine sensitization model of schizophrenia: relevance beyond psychotic symptoms?. Psychopharmacology, 2009, 206, 603-621.	1.5	30
83	Distinct forms of prepulse inhibition disruption distinguishable by the associated changes in prepulse-elicited reaction. Behavioural Brain Research, 2009, 204, 387-395.	1.2	30
84	Contextual fear conditioning is disrupted by lesions of the subcortical, but not entorhinal, connections to the hippocampus. Experimental Brain Research, 2001, 141, 304-311.	0.7	29
85	Behavioral and neurochemical characterization of transgenic mice carrying the human presenilin-1 gene with or without the leucine-to-proline mutation at codon 235. Experimental Neurology, 2003, 183, 673-681.	2.0	29
86	Expression of the CS- and US-Pre-Exposure Effects in the Conditioned Taste Aversion Paradigm and Their Abolition Following Systemic Amphetamine Treatment in C57BL6/J Mice. Neuropsychopharmacology, 2004, 29, 2140-2148.	2.8	29
87	Inhibition of glycine transporter 1: The yellow brick road to new schizophrenia therapy?. Current Pharmaceutical Design, 2015, 21, 3771-3787.	0.9	29
88	Evaluating spatial memory function in mice: A within-subjects comparison between the water maze test and its adaptation to dry land. Behavioural Brain Research, 2010, 209, 85-92.	1.2	28
89	The effects of radiofrequency lesion or transection of the fimbriae fornix on latent inhibition in the rat. Neuroscience, 1999, 91, 1355-1368.	1.1	26
90	Affective and cognitive effects of global deletion of δ -3-containing gamma-aminobutyric acid-A receptors. Behavioural Pharmacology, 2008, 19, 582-596.	0.8	26

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91	Entorhinal cortex lesions disrupt the transition between the use of intra- and extramaze cues for navigation in the water maze.. Behavioral Neuroscience, 2003, 117, 588-595.	0.6	25
92	Latent inhibition of conditioned taste aversion is not disrupted, but can be enhanced, by selective nucleus accumbens shell lesions in rats. Neuroscience, 2006, 137, 1119-1130.	1.1	25
93	Disruption of the US pre-exposure effect and latent inhibition in two-way active avoidance by systemic amphetamine in C57BL/6 mice. Psychopharmacology, 2007, 191, 211-221.	1.5	25
94	A conceptual and practical guide to the behavioural evaluation of animal models of the symptomatology and therapy of schizophrenia. Cell and Tissue Research, 2013, 354, 221-246.	1.5	25
95	Combined Deficiency of Iron and (n-3) Fatty Acids in Male Rats Disrupts Brain Monoamine Metabolism and Produces Greater Memory Deficits Than Iron Deficiency or (n-3) Fatty Acid Deficiency Alone. Journal of Nutrition, 2012, 142, 1463-1471.	1.3	24
96	Loss of ϵ EphA4 impairs short-term spatial recognition memory performance and locomotor habituation. Genes, Brain and Behavior, 2012, 11, 1020-1031.	1.1	24
97	On the feasibility to detect and to quantify prepulse-elicited reaction in prepulse inhibition of the acoustic startle reflex in humans. Behavioural Brain Research, 2005, 162, 256-263.	1.2	23
98	Abnormal differentiation of newborn granule cells in age-related working memory impairments. Neurobiology of Aging, 2010, 31, 1956-1974.	1.5	23
99	Molecular and behavioral changes associated with adult hippocampus-specific SynGAP1 knockout. Learning and Memory, 2012, 19, 268-281.	0.5	23
100	A comparison between the effects of medial septal lesions and entorhinal cortex lesions on performance of nonspatial working memory tasks and reversal learning. Behavioural Brain Research, 1998, 94, 281-300.	1.2	22
101	Deletion of glycine transporter 1 (GlyT1) in forebrain neurons facilitates reversal learning: Enhanced cognitive adaptability?. Behavioral Neuroscience, 2009, 123, 1012-1027.	0.6	22
102	Apomorphine-induced disruption of prepulse inhibition that can be normalised by systemic haloperidol is insensitive to clozapine pretreatment. Psychopharmacology, 2004, 175, 143-7.	1.5	21
103	The behavioral sequela following the prevention of home-cage grid-climbing activity in C57BL/6 mice.. Behavioral Neuroscience, 2007, 121, 345-355.	0.6	21
104	Altered mnemonic functions and resistance to N-METHYL-d-Aspartate receptor antagonism by forebrain conditional knockout of glycine transporter 1. Neuroscience, 2009, 161, 635-654.	1.1	21
105	Interactions between the glycine transporter 1(GlyT1) inhibitor SSR504734 and psychoactive drugs in mouse motor behaviour. European Neuropsychopharmacology, 2009, 19, 571-580.	0.3	21
106	Potentiation of amphetamine-induced locomotor activity following NMDA-induced retrohippocampal neuronal loss in the rat. Experimental Brain Research, 1995, 106, 356-64.	0.7	20
107	Reversal of scopolamine-induced disruption of prepulse inhibition by clozapine in mice. Pharmacology Biochemistry and Behavior, 2012, 101, 107-114.	1.3	20
108	The monotonic dependency of prepulse inhibition of the acoustic startle reflex on the intensity of the startle-eliciting stimulus. Behavioural Brain Research, 2006, 174, 143-150.	1.2	19

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109	PINK1 deficiency is associated with increased deficits of adult hippocampal neurogenesis and lowers the threshold for stress-induced depression in mice. <i>Behavioural Brain Research</i> , 2019, 363, 161-172.	1.2	18
110	Deletion of striatal adenosine A2A receptor spares latent inhibition and prepulse inhibition but impairs active avoidance learning. <i>Behavioural Brain Research</i> , 2013, 242, 54-61.	1.2	17
111	Small lesions of the dorsal or ventral hippocampus subregions are associated with distinct impairments in working memory and reference memory retrieval, and combining them attenuates the acquisition rate of spatial reference memory. <i>Hippocampus</i> , 2020, 30, 938-957.	0.9	17
112	The effects of cytotoxic entorhinal lesions and electrolytic medial septal lesions on the acquisition and retention of a spatial working memory task. <i>Experimental Brain Research</i> , 1998, 119, 517-528.	0.7	16
113	Chronic intracerebroventricular exposure to β -amyloid(1-40) impairs object recognition but does not affect spontaneous locomotor activity or sensorimotor gating in the rat. <i>Experimental Brain Research</i> , 2001, 136, 93-100.	0.7	16
114	Nonphysical contact between cagemates alleviates the social isolation syndrome in C57BL/6 male mice.. <i>Behavioral Neuroscience</i> , 2008, 122, 505-515.	0.6	16
115	In Male Rats with Concurrent Iron and (n-3) Fatty Acid Deficiency, Provision of Either Iron or (n-3) Fatty Acids Alone Alters Monoamine Metabolism and Exacerbates the Cognitive Deficits Associated with Combined Deficiency. <i>Journal of Nutrition</i> , 2012, 142, 1472-1478.	1.3	16
116	Working memory and the homeostatic control of brain adenosine by adenosine kinase. <i>Neuroscience</i> , 2012, 213, 81-92.	1.1	16
117	Baseline prepulse inhibition expression predicts the propensity of developing sensitization to the motor stimulant effects of amphetamine in C57BL/6 mice. <i>Psychopharmacology</i> , 2013, 225, 341-352.	1.5	16
118	Bidirectional changes in water-maze learning following recombinant adenovirus-associated viral vector (rAAV)-mediated brain-derived neurotrophic factor expression in the rat hippocampus. <i>Behavioural Pharmacology</i> , 2007, 18, 533-547.	0.8	15
119	Appetitively motivated instrumental learning in SynGAP heterozygous knockout mice.. <i>Behavioral Neuroscience</i> , 2009, 123, 1114-1128.	0.6	14
120	Impacts of forebrain neuronal glycine transporter 1 disruption in the senescent brain: Evidence for age-dependent phenotypes in Pavlovian learning.. <i>Behavioral Neuroscience</i> , 2010, 124, 839-850.	0.6	13
121	The role of the endocannabinoid system in autism spectrum disorders: Evidence from mouse studies. <i>Progress in Molecular Biology and Translational Science</i> , 2020, 173, 183-208.	0.9	13
122	Startle and prepulse inhibition as a function of background noise: A computational and experimental analysis. <i>Behavioural Brain Research</i> , 2006, 170, 182-196.	1.2	12
123	Sensorimotor gating and vigilance-dependent choice accuracy: A within-subject correlative analysis in wild-type C57BL/6 mice. <i>Behavioural Brain Research</i> , 2011, 217, 178-187.	1.2	12
124	Intact working memory in the absence of forebrain neuronal glycine transporter 1. <i>Behavioural Brain Research</i> , 2012, 230, 208-214.	1.2	11
125	The association between intimate partner violence against women and newborn telomere length. <i>Translational Psychiatry</i> , 2019, 9, 239.	2.4	11
126	Acoustic startle response, prepulse inhibition, and spontaneous locomotor activity in MPTP-treated mice. <i>Behavioural Brain Research</i> , 2004, 154, 449-456.	1.2	10

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127	Learned Irrelevance and Associative Learning Is Attenuated in Individuals at Risk for Psychosis but not in Asymptomatic First-Degree Relatives of Schizophrenia Patients: Translational State Markers of Psychosis?. <i>Schizophrenia Bulletin</i> , 2011, 37, 973-981.	2.3	10
128	Partial loss in septo-hippocampal cholinergic neurons alters memory-dependent measures of brain connectivity without overt memory deficits. <i>Neurobiology of Disease</i> , 2013, 54, 372-381.	2.1	10
129	Infusion of anti-Nogo-A antibodies in adult rats increases growth and synapse related proteins in the absence of behavioral alterations. <i>Experimental Neurology</i> , 2013, 250, 52-68.	2.0	10
130	Sensorimotor gating is disrupted by acute but not chronic systemic exposure to caffeine in mice. <i>Psychopharmacology</i> , 2014, 231, 4087-4098.	1.5	10
131	Caffeine impairs the acquisition and retention, but not the consolidation of Pavlovian conditioned freezing in mice. <i>Psychopharmacology</i> , 2015, 232, 721-731.	1.5	10
132	Does it still make sense to develop a declarative memory theory of hippocampal function?. <i>Behavioral and Brain Sciences</i> , 1994, 17, 492-493.	0.4	9
133	Modulation of sensorimotor gating in prepulse inhibition by conditional brain glycine transporter 1 deletion in mice. <i>European Neuropsychopharmacology</i> , 2011, 21, 401-413.	0.3	9
134	Chronic Intracerebroventricular Infusion of beta-Amyloid (1-40) Results in a Selective Loss of Neuropeptides in Addition to a Reduction in Choline Acetyltransferase Activity in the Cortical Mantle and Hippocampus in the Rat. <i>Annals of the New York Academy of Sciences</i> , 1999, 897, 420-422.	1.8	7
135	Examining the sex- and circadian dependency of a learning phenotype in mice with glycine transporter 1 deletion in two Pavlovian conditioning paradigms. <i>Neurobiology of Learning and Memory</i> , 2011, 96, 218-229.	1.0	7
136	SSR504734 enhances basal expression of prepulse inhibition but exacerbates the disruption of prepulse inhibition by apomorphine. <i>Psychopharmacology</i> , 2013, 230, 309-317.	1.5	7
137	Individual difference in prepulse inhibition does not predict spatial learning and memory performance in C57BL/6 mice. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2015, 15, 878-888.	1.0	7
138	Selective nucleus accumbens core lesions enhance dizocilpine-induced but not apomorphine-induced disruption of prepulse inhibition in rats. <i>Behavioural Pharmacology</i> , 2006, 17, 107-117.	0.8	6
139	Dysregulation of brain adenosine is detrimental to the expression of conditioned freezing but not general Pavlovian learning. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 104, 80-89.	1.3	6
140	A comparison of the density of NADPH-diaphorase-reactive neurons in the fascia dentata and Ammon's horn between 6-month and 12-month old Dark Agouti rats. <i>Developmental Brain Research</i> , 1998, 107, 207-217.	2.1	5
141	Prepulse lost and regained: a commentary on "Weak prepulses inhibit but do not elicit startle in rats and humans" • <i>Biological Psychiatry</i> 55:98-101. <i>Psychopharmacology</i> , 2005, 179, 891-892.	1.5	5
142	Response to open peer commentary on the reporting of spurious associations: a reply to "Relating hippocampal neurogenesis to behavior: the danger of ignoring confounding variables" by Dr. Stanley Lasic. <i>Neurobiology of Aging</i> , 2010, 31, 2172-2175.	1.5	5
143	Negative transfer effects between reference memory and working memory training in the water maze in C57BL/6 mice. <i>Behavioural Brain Research</i> , 2018, 339, 286-296.	1.2	5
144	Facilitated extinction of appetitive instrumental conditioning following excitotoxic lesions of the core or the medial shell subregion of the nucleus accumbens in rats. <i>Experimental Brain Research</i> , 2006, 172, 120-128.	0.7	3

#	ARTICLE	IF	CITATIONS
145	Forebrain glycine transporter 1 deletion enhances sensitivity to CS-US discontinuity in classical conditioning. <i>Neurobiology of Learning and Memory</i> , 2014, 110, 47-54.	1.0	2
146	Deletion of forebrain glycine transporter 1 enhances conditioned freezing to a reliable, but not an ambiguous, cue for threat in a conditioned freezing paradigm. <i>Behavioural Brain Research</i> , 2014, 273, 1-7.	1.2	2
147	Within-subjects vs between-subjects co-variation of prepulse-elicited reaction and the diminution of startle to the succeeding pulse stimulus in the prepulse inhibition paradigm. <i>Behavioural Brain Research</i> , 2022, 430, 113924.	1.2	2
148	"Entorhinal cortex lesions disrupt the transition between the use of intra- and extramaze cues for navigation in the water maze": Correction to Oswald et al. (2003).. <i>Behavioral Neuroscience</i> , 2003, 117, 938-938.	0.6	1
149	Pharmacotherapy Through the Inhibition of Glycine Transporters: An Update on and Beyond Schizophrenia. , 2017, , 389-403.		1
150	Influence of Maternal Infection and Pregnancy Complications on Cord Blood Telomere Length. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-9.	1.9	0
151	Adenosinergic Perspectives on Schizophrenia: Opportunity for an Integrative Synthesis. , 2013, , 459-491.		0
152	Translating the Glutamatergic Hypothesis of Schizophrenia Through Homeostatic Regulation of Brain Glycine. , 2015, , 353-373.		0