David P Wolfer

List of Publications by Year
in descending order

155 papers	15,522 citations	14655 66 h-index	18130 120 g-index

271 all docs	271 docs citations	271 times ranked	16757 citing authors

#	Article	IF	Citations
1	Role of Environment and Experimenter in Reproducibility of Behavioral Studies With Laboratory Mice. Frontiers in Behavioral Neuroscience, 2022, 16, 835444.	2.0	12
2	Premature aging in mice with error-prone protein synthesis. Science Advances, 2022, 8, eabl9051.	10.3	24
3	Phenotype of Mrps5-Associated Phylogenetic Polymorphisms Is Intimately Linked to Mitoribosomal Misreading. International Journal of Molecular Sciences, 2022, 23, 4384.	4.1	1
4	ATG5 in microglia does not contribute vitally to autoimmune neuroinflammation in mice. Autophagy, 2021, 17, 3566-3576.	9.1	11
5	Loss of all three APP family members during development impairs synaptic function and plasticity, disrupts learning, and causes an autismâ€like phenotype. EMBO Journal, 2021, 40, e107471.	7.8	27
6	Random errors in protein synthesis activate an age-dependent program of muscle atrophy in mice. Communications Biology, 2021, 4, 703.	4.4	8
7	Recurrent rewiring of the adult hippocampal mossy fiber system by a single transcriptional regulator, Id2. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	8
8	Lack of APP and APLP2 in GABAergic Forebrain Neurons Impairs Synaptic Plasticity and Cognition. Cerebral Cortex, 2020, 30, 4044-4063.	2.9	14
9	Early AÎ² reduction prevents progression of cerebral amyloid angiopathy. Annals of Neurology, 2019, 86, 561-571.	5.3	18
10	Consistent within-group covariance of septal and temporal hippocampal neurogenesis with behavioral phenotypes for exploration and memory retention across wild and laboratory small rodents. Behavioural Brain Research, 2019, 372, 112034.	2.2	6
11	The Anti-amyloid Compound DO1 Decreases Plaque Pathology and Neuroinflammation-Related Expression Changes in 5xFAD Transgenic Mice. Cell Chemical Biology, 2019, 26, 109-120.e7.	5.2	8
12	Distinct inÂvivo roles of secreted <scp>APP</scp> ectodomain variants <scp>APP</scp> sÎ± and <scp>APP</scp> sÎ² in regulation of spine density, synaptic plasticity, and cognition. EMBO Journal, 2018, 37, .	7.8	62
13	Automated dissection of permanent effects of hippocampal or prefrontal lesions on performance at spatial, working memory and circadian timing tasks of C57BL/6 mice in IntelliCage. Behavioural Brain Research, 2018, 352, 8-22.	2.2	40
14	Mutant <scp>MRPS</scp> 5 affects mitoribosomal accuracy and confers stressâ€related behavioral alterations. EMBO Reports, 2018, 19, .	4.5	26
15	Loss of Nogo-A, encoded by the schizophrenia risk gene Rtn4, reduces mGlu3 expression and causes hyperexcitability in hippocampal CA3 circuits. PLoS ONE, 2018, 13, e0200896.	2.5	9
16	Eliminating the VGlut2-Dependent Glutamatergic Transmission of Parvalbumin-Expressing Neurons Leads to Deficits in Locomotion and Vocalization, Decreased Pain Sensitivity, and Increased Dominance. Frontiers in Behavioral Neuroscience, 2018, 12, 146.	2.0	22
17	Fluoxetine effects on molecular, cellular and behavioral endophenotypes of depression are driven by the living environment. Molecular Psychiatry, 2017, 22, 552-561.	7.9	150
18	Similar reliability and equivalent performance of female and male mice in the open field and waterâ€maze place navigation task. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2017, 175, 380-391.	1.6	52

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19	Sampling the Mouse Hippocampal Dentate Gyrus. Frontiers in Neuroanatomy, 2017, 11, 123.	1.7	10
20	Association of Occupational and Leisure-Time Physical Activity with Aerobic Capacity in a Working Population. PLoS ONE, 2017, 12, e0168683.	2.5	25
21	Disturbed Processing of Contextual Information in HCN3 Channel Deficient Mice. Frontiers in Molecular Neuroscience, 2017, 10, 436.	2.9	15
22	Fluoxetine treatment affects the inflammatory response and microglial function according to the quality of the living environment. Brain, Behavior, and Immunity, 2016, 58, 261-271.	4.1	96
23	Largeâ€scale phenotyping links adult hippocampal neurogenesis to the reaction to novelty. Hippocampus, 2016, 26, 646-657.	1.9	21
24	Physical Workload and Work Capacity across Occupational Groups. PLoS ONE, 2016, 11, e0154073.	2.5	31
25	The APP Intracellular Domain Is Required for Normal Synaptic Morphology, Synaptic Plasticity, and Hippocampus-Dependent Behavior. Journal of Neuroscience, 2015, 35, 16018-16033.	3.6	67
26	Mutations in NONO lead to syndromic intellectual disability and inhibitory synaptic defects. Nature Neuroscience, 2015, 18, 1731-1736.	14.8	65
27	Selection for tameness, a key behavioral trait of domestication, increases adult hippocampal neurogenesis in foxes. Hippocampus, 2015, 25, 963-975.	1.9	46
28	Acute function of secreted amyloid precursor protein fragment APPsÎ± in synaptic plasticity. Acta Neuropathologica, 2015, 129, 21-37.	7.7	149
29	Lack of parvalbumin in mice leads to behavioral deficits relevant to all human autism core symptoms and related neural morphofunctional abnormalities. Translational Psychiatry, 2015, 5, e525-e525.	4.8	231
30	Phosphoinositide-Dependent Protein Kinase 1 (PDK1). Zeitschrift Fur Psychologie / Journal of Psychology, 2015, 223, 165-172.	1.0	1
31	Early life stress in fathers improves behavioural flexibility in their offspring. Nature Communications, 2014, 5, 5466.	12.8	140
32	Gravity anomalies without geomagnetic disturbances interfere with pigeon homing â€“ a GPS tracking study. Journal of Experimental Biology, 2014, 217, 4057-4067.	1.7	24
33	Epileptiform Activity and Cognitive Deficits in SNAP-25+/â^' Mice are Normalized by Antiepileptic Drugs. Cerebral Cortex, 2014, 24, 364-376.	2.9	78
34	Spontaneous behavior in the social homecage discriminates strains, lesions and mutations in mice. Journal of Neuroscience Methods, 2014, 234, 26-37.	2.5	38
35	Testing cognitive navigation in unknown territories: homing pigeons choose different targets. Journal of Experimental Biology, 2013, 216, 3123-3131.	1.7	19
36	Genetic dissection of medial habenulaâ€“interpeduncular nucleus pathway function in mice. Frontiers in Behavioral Neuroscience, 2013, 7, 17.	2.0	151

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37	Learning and memory with neuropathic pain: impact of old age and progranulin deficiency. Frontiers in Behavioral Neuroscience, 2013, 7, 174.	2.0	30
38	Natural neurobiology and behavior of the mouse. , 2013, , 5-16.		7
39	Water navigation tasks. , 2013, , 277-290.		1
40	Dysregulation of Rho GTPases in the Î±Pix/Arhgef6 mouse model of X-linked intellectual disability is paralleled by impaired structural and synaptic plasticity and cognitive deficits. Human Molecular Genetics, 2012, 21, 268-286.	2.9	94
41	Defective intestinal amino acid absorption in Ace2 null mice. American Journal of Physiology - Renal Physiology, 2012, 303, G686-G695.	3.4	92
42	Effects of Spatial and Cognitive Enrichment on Activity Pattern and Learning Performance in Three Strains of Mice in the IntelliMaze. Behavior Genetics, 2012, 42, 449-460.	2.1	28
43	Automated test of behavioral flexibility in mice using a behavioral sequencing task in IntelliCage. Behavioural Brain Research, 2011, 221, 172-181.	2.2	100
44	MicelackingRas- GRF1 showcontextualfearcondition- ing butnotspatialmemoryimpair- ments:convergentevidencefromtwo independentlygeneratedmousemutant lines. Frontiers in Behavioral Neuroscience, 2011, 5, 78.	2.0	27
45	APP and APLP2 are essential at PNS and CNS synapses for transmission, spatial learning and LTP. EMBO Journal, 2011, 30, 2266-2280.	7.8	157
46	APP and APLP2 are essential at PNS and CNS synapses for transmission, spatial learning and LTP. EMBO Journal, 2011, 30, 2306-2306.	7.8	3
47	Hippocampal pyramidal cells: the reemergence of cortical lamination. Brain Structure and Function, 2011, 216, 301-317.	2.3	116
48	Effect of Population Heterogenization on the Reproducibility of Mouse Behavior: A Multi-Laboratory Study. PLoS ONE, 2011, 6, e16461.	2.5	126
49	Consistent behavioral phenotype differences between inbred mouse strains in the IntelliCage. Genes, Brain and Behavior, 2010, 9, 722-731.	2.2	121
50	CIN85 regulates dopamine receptor endocytosis and governs behaviour in mice. EMBO Journal, 2010, 29, 2421-2432.	7.8	34
51	Modeling familial Danish dementia in mice supports the concept of the amyloid hypothesis of Alzheimer's disease. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 7969-7974.	7.1	65
52	Conditioned response suppression in the IntelliCage: assessment of mouse strain differences and effects of hippocampal and striatal lesions on acquisition and retention of memory. Behavioural Brain Research, 2010, 213, 304-312.	2.2	65
53	Long-Term Expression of Tissue-Inhibitor of Matrix Metalloproteinase-1 in the Murine Central Nervous System Does Not Alter the Morphological and Behavioral Phenotype but Alleviates the Course of Experimental Allergic Encephalomyelitis. American Journal of Pathology, 2010, 177, 840-853.	3.8	23
54	EEG Responses to Visual Landmarks in Flying Pigeons. Current Biology, 2009, 19, 1159-1166.	3.9	127

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55	Neprilysin Deficiency-Dependent Impairment of Cognitive Functions in a Mouse Model of Amyloidosis. Neurochemical Research, 2009, 34, 717-726.	3.3	16
56	Cognition in Rodents. , 2009, , 159-174.		2
57	Delayed melatonin administration promotes neuronal survival, neurogenesis and motor recovery, and attenuates hyperactivity and anxiety after mild focal cerebral ischemia in mice. Journal of Pineal Research, 2008, 45, 142-148.	7.4	123
58	Flock flying improves pigeons' homing: GPS track analysis of individual flyers versus small groups. Animal Behaviour, 2008, 76, 1165-1172.	1.9	100
59	Phosphatidylinositide Dependent Kinase Deficiency Increases Anxiety and Decreases GABA and Serotonin Abundance in the Amygdala. Cellular Physiology and Biochemistry, 2008, 22, 735-744.	1.6	51
60	The Secreted Î²-Amyloid Precursor Protein Ectodomain APPsÎ± Is Sufficient to Rescue the Anatomical, Behavioral, and Electrophysiological Abnormalities of APP-Deficient Mice. Journal of Neuroscience, 2007, 27, 7817-7826.	3.6	334
61	Transient activation of the CA3 Kappa opioid system in the dorsal hippocampus modulates complex memory processing in mice. Neurobiology of Learning and Memory, 2007, 88, 94-103.	1.9	41
62	Differences in locomotor behavior revealed in mice deficient for the calcium-binding proteins parvalbumin, calbindin D-28k or both. Behavioural Brain Research, 2007, 178, 250-261.	2.2	45
63	Deletion of the Coffinâ€“Lowry Syndrome Gene Rsk2 in Mice is Associated With Impaired Spatial Learning and Reduced Control of Exploratory Behavior. Behavior Genetics, 2007, 37, 31-50.	2.1	90
64	Miniature Neurologgers for Flying Pigeons: Multichannel EEG and Action and Field Potentials in Combination With GPS Recording. Journal of Neurophysiology, 2006, 95, 1263-1273.	1.8	93
65	Reduced locomotion in the serum and glucocorticoid inducible kinase 3 knock out mouse. Behavioural Brain Research, 2006, 167, 75-86.	2.2	16
66	Arc/Arg3.1 Is Essential for the Consolidation of Synaptic Plasticity and Memories. Neuron, 2006, 52, 437-444.	8.1	743
67	Impaired spatial reference memory and increased exploratory behavior in P301L tau transgenic mice. Genes, Brain and Behavior, 2006, 5, 369-379.	2.2	94
68	mPer1 and mPer2 mutant mice show regular spatial and contextual learning in standardized tests for hippocampus-dependent learning. Journal of Neural Transmission, 2006, 113, 347-356.	2.8	31
69	S100A1-deficient male mice exhibit increased exploratory activity and reduced anxiety-related responses. Biochimica Et Biophysica Acta - Molecular Cell Research, 2006, 1763, 1307-1319.	4.1	24
70	Neuronal neprilysin overexpression is associated with attenuation of AÎ²-related spatial memory deficit. Neurobiology of Disease, 2006, 24, 475-483.	4.4	57
71	Lack of neprilysin suffices to generate murine amyloidâ€like deposits in the brain and behavioral deficit in vivo. Journal of Neuroscience Research, 2006, 84, 1871-1878.	2.9	74
72	Excessive erythrocytosis in adult mice overexpressing erythropoietin leads to hepatic, renal, neuronal, and muscular degeneration. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 291, R947-R956.	1.8	45

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73	Loss of the limbic mineralocorticoid receptor impairs behavioral plasticity. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 195-200.	7.1	240
74	Mouse Models of Hereditary Mental Retardation. Contemporary Clinical Neuroscience, 2006, , 101-125.	0.3	4
75	Hsp70 Gene Transfer by Adeno-associated Virus Inhibits MPTP-Induced Nigrostriatal Degeneration in the Mouse Model of Parkinson Disease. Molecular Therapy, 2005, 11, 80-88.	8.2	137
76	GlyR Î±3: An Essential Target for Spinal PGE ₂ -Mediated Inflammatory Pain Sensitization. Science, 2004, 304, 884-887.	12.6	569
77	Cerebellar ataxia and Purkinje cell dysfunction caused by Ca2+-activated K+ channel deficiency. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 9474-9478.	7.1	360
78	Mice deficient for the synaptic vesicle protein Rab3a show impaired spatial reversal learning and increased explorative activity but none of the behavioral changes shown by mice deficient for the Rab3a regulator Gdi1. European Journal of Neuroscience, 2004, 19, 1895-1905.	2.6	50
79	The impact of genetic background on neurodegeneration and behavior in seizured mice. Genes, Brain and Behavior, 2004, 3, 228-239.	2.2	54
80	Cage enrichment and mouse behaviour. Nature, 2004, 432, 821-822.	27.8	214
81	Pigeon Homing along Highways and Exits. Current Biology, 2004, 14, 1239-1249.	3.9	128
82	No evidence for loss of hippocampal neurons in non-Alzheimer dementia patients. Acta Neurologica Scandinavica, 2004, 109, 132-139.	2.1	31
83	The AP-1 Transcription Factor c-Jun Is Required for Efficient Axonal Regeneration. Neuron, 2004, 43, 57-67.	8.1	429
84	Comparative Effects of Exposure to an Organophosphate Pesticide on Locomotor Activity of Laboratory Mice and Five Species of Wild Rodents. Bulletin of Environmental Contamination and Toxicology, 2003, 70, 138-145.	2.7	11
85	Genetic background problems in the analysis of cognitive and neuronal changes in genetically modified mice. Clinical Neuroscience Research, 2003, 3, 223-231.	0.8	22
86	Big brains for bad genes: Nonmental correlates of encephalization. Evolutionary Anthropology, 2003, 11, 126-131.	3.4	2
87	Forebrain-specific trkB-receptor knockout mice: behaviorally more hyperactive than â€œdepressiveâ€. Biological Psychiatry, 2003, 54, 972-982.	1.3	141
88	Emotional instability but intact spatial cognition in adenosine receptor 1 knock out mice. Behavioural Brain Research, 2003, 145, 179-188.	2.2	58
89	Impaired explorative behavior and neophobia in genetically modified mice lacking or overexpressing the extracellular serine protease inhibitor neuroserpin. Molecular and Cellular Neurosciences, 2003, 23, 473-494.	2.2	133
90	Intact spatial memory in mice with seizure-induced partial lossof hippocampal pyramidal neurons. Neurobiology of Disease, 2003, 12, 174-181.	4.4	25

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91	Does cAMP Response Element-Binding Protein Have a Pivotal Role in Hippocampal Synaptic Plasticity and Hippocampus-Dependent Memory?. Journal of Neuroscience, 2003, 23, 6304-6314.	3.6	219
92	Deletion of the mental retardation gene Gdi1 impairs associative memory and alters social behavior in mice. Human Molecular Genetics, 2002, 11, 2567-2580.	2.9	100
93	Knockout of ERK1 MAP Kinase Enhances Synaptic Plasticity in the Striatum and Facilitates Striatal-Mediated Learning and Memory. Neuron, 2002, 34, 807-820.	8.1	420
94	Knockout mice: simple solutions to the problems of genetic background and flanking genes. Trends in Neurosciences, 2002, 25, 336-340.	8.6	258
95	Long-term monitoring of hippocampus-dependent behavior in naturalistic settings: Mutant mice lacking neurotrophin receptor TrkB in the forebrain show spatial learning but impaired behavioral flexibility. Hippocampus, 2002, 12, 27-38.	1.9	64
96	What's wrong with my mouse? Behavioral phenotyping of transgenic and knockout mice. Genes, Brain and Behavior, 2002, 1, 131-131.	2.2	1
97	Enriched early experiences of mice underexpressing the Î²â€amyloid precursor protein restore spatial learning capabilities but not normal openfield behavior of adult animals. Genes, Brain and Behavior, 2002, 1, 230-241.	2.2	22
98	Long-term monitoring of hippocampus-dependent behavior in naturalistic settings: Mutant mice lacking neurotrophin receptor TrkB in the forebrain show spatial learning but impaired behavioral flexibility. Hippocampus, 2002, 12, 27.	1.9	3
99	Multiple Roles of Neurotrypsin in Tissue Morphogenesis and Nervous System Development Suggested by the mRNA Expression Pattern. Molecular and Cellular Neurosciences, 2001, 18, 407-433.	2.2	42
100	Learning deficits in mice with persistent Borna disease virus infection of the CNS associated with elevated chemokine expression. Behavioural Brain Research, 2001, 120, 189-201.	2.2	42
101	Altered emotional behavior in PACAP-type-I-receptor-deficient mice. Molecular Brain Research, 2001, 92, 78-84.	2.3	133
102	Kinase-Independent Requirement of EphB2 Receptors in Hippocampal Synaptic Plasticity. Neuron, 2001, 32, 1027-1040.	8.1	285
103	Extended analysis of path data from mutant mice using the public domain software Wintrack. Physiology and Behavior, 2001, 73, 745-753.	2.1	121
104	Impairment of Mossy Fiber Long-Term Potentiation and Associative Learning in Pituitary Adenylate Cyclase Activating Polypeptide Type I Receptor-Deficient Mice. Journal of Neuroscience, 2001, 21, 5520-5527.	3.6	167
105	Similar target, different effects: late-onset ataxia and spatial learning in prion protein-deficient mouse lines. Neurogenetics, 2001, 3, 173-184.	1.4	13
106	Cloning of a Mouse Î²1,3N-Acetylglucosaminyltransferase GlcNAc(Î²1,3)Gal(Î²1,4)Glc-ceramide Synthase Gene Encoding the Key Regulator of Lacto-series Glycolipid Biosynthesis. Journal of Biological Chemistry, 2001, 276, 30261-30269.	3.4	53
107	Mice with Combined Gene Knock-Outs Reveal Essential and Partially Redundant Functions of Amyloid Precursor Protein Family Members. Journal of Neuroscience, 2000, 20, 7951-7963.	3.6	430
108	Hippocampal mossy fibers and swimming navigation learning in two vole species occupying different habitats. Hippocampus, 2000, 10, 17-30.	1.9	42

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109	Recovery of emotional behaviour in neural cell adhesion molecule (NCAM) null mutant mice through transgenic expression of NCAM180. European Journal of Neuroscience, 2000, 12, 3291-3306.	2.6	115
110	The acallosal mouse strain I/LnJ: a putative model of ADHD?. Neuroscience and Biobehavioral Reviews, 2000, 24, 45-50.	6.1	38
111	Dissecting the Behaviour of Transgenic Mice: Is it the Mutation, the Genetic Background, or the Environment?. Experimental Physiology, 2000, 85, 627-634.	2.0	109
112	Mice trisomic for a bacterial artificial chromosome with the single-minded 2 gene (Sim2) show phenotypes similar to some of those present in the partial trisomy 16 mouse models of Down syndrome. Human Molecular Genetics, 2000, 9, 1853-1864.	2.9	99
113	Temporal and spatial adaptation to food restriction in mice under naturalistic conditions. Behavioural Brain Research, 2000, 115, 1-8.	2.2	46
114	A GPS logger and software for analysis of homing in pigeons and small mammals. Physiology and Behavior, 2000, 71, 589-596.	2.1	98
115	Genetic disruption of mineralocorticoid receptor leads to impaired neurogenesis and granule cell degeneration in the hippocampus of adult mice. EMBO Reports, 2000, 1, 447-451.	4.5	142
116	Dissecting the behaviour of transgenic mice: is it the mutation, the genetic background, or the environment?. Experimental Physiology, 2000, 85, 627-634.	2.0	57
117	Genetic background changes the pattern of forebrain commissure defects in transgenic mice underexpressing the Î²-amyloid-precursor protein. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 4656-4661.	7.1	155
118	Deletion of the ryanodine receptor type 3 (RyR3) impairs forms of synaptic plasticity and spatial learning. EMBO Journal, 1999, 18, 5264-5273.	7.8	161
119	Essential Role for TrkB Receptors in Hippocampus-Mediated Learning. Neuron, 1999, 24, 401-414.	8.1	731
120	No hippocampal neuron or synaptic bouton loss in learning-impaired aged Î²-Amyloid precursor protein-null mice. Neuroscience, 1999, 90, 1207-1216.	2.3	112
121	Natural Genetic Variation of Hippocampal Structures and Behavior. , 1999, , .		0
122	Expression of the axon growth-related neural adhesion molecule TAG-1/axonin-1 in the adult mouse brain. Anatomy and Embryology, 1998, 197, 177-185.	1.5	31
123	Increased flexibility and selectivity in spatial learning of transgenic mice ectopically expressing the neural cell adhesion molecule L1 in astrocytes. European Journal of Neuroscience, 1998, 10, 708-717.	2.6	52
124	A 2-year longitudinal study of swimming navigation in mice devoid of the prion protein: no evidence for neurological anomalies or spatial learning impairments. Behavioural Brain Research, 1998, 95, 47-54.	2.2	26
125	Neurobehavioral development, adult openfield exploration and swimming navigation learning in mice with a modified Î²-amyloid precursor protein gene. Behavioural Brain Research, 1998, 95, 65-76.	2.2	72
126	Increased asymmetries in 2-deoxyglucose uptake in the brain of freely moving congenitally acallosal mice. Neuroscience, 1998, 87, 243-254.	2.3	10

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127	Genetically modified mice and cognition. Current Opinion in Neurobiology, 1998, 8, 272-280.	4.2	187
128	Spatial Memory and Learning in Transgenic Mice: Fact or Artifact?. Physiology, 1998, 13, 118-123.	3.1	85
129	Deficits in Memory Tasks of Mice with CREB Mutations Depend on Gene Dosage. Learning and Memory, 1998, 5, 274-288.	1.3	193
130	Neurotrypsin, a Novel Multidomain Serine Protease Expressed in the Nervous System. Molecular and Cellular Neurosciences, 1997, 9, 207-219.	2.2	108
131	Expression of Neuroserpin, an Inhibitor of Tissue Plasminogen Activator, in the Developing and Adult Nervous System of the Mouse. Journal of Neuroscience, 1997, 17, 8984-8996.	3.6	157
132	A role for the Ras signalling pathway in synaptic transmission and long-term memory. Nature, 1997, 390, 281-286.	27.8	449
133	Defective limbic system in mice lacking the tailless gene. Nature, 1997, 390, 515-517.	27.8	172
134	Assessing the effects of the 129/Sv genetic background on swimming navigation learning in transgenic mutants: a study using mice with a modified Î²-amyloid precursor protein gene. Brain Research, 1997, 771, 1-13.	2.2	127
135	Mice Homozygous for a Modified Î²-Amyloid Precursor Protein (Î²APP) Gene Show Impaired Behavior and High Incidence of Agenesis of the Corpus Callosuma. Annals of the New York Academy of Sciences, 1996, 777, 65-73.	3.8	9
136	Mice lacking the gene encoding tissue-type plasminogen activator show a selective interference with late-phase long-term potentiation in both Schaffer collateral and mossy fiber pathways.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 8699-8704.	7.1	323
137	Paw preference and intra-/infrapyramidal mossy fibers in the hippocampus of the mouse. Behavior Genetics, 1996, 26, 379-390.	2.1	21
138	Selective breeding for extremes in open-field activity of mice entails a differentiation of hippocampal mossy fibers. Behavior Genetics, 1996, 26, 167-176.	2.1	37
139	Anatomy of rat semaphorin III collapsin-1 mRNA expression and relationship to developing nerve tracts during neuroembryogenesis. , 1996, 375, 378-392.		183
140	Evidence for physiological growth of hippocampal mossy fiber collaterals in the guinea pig during puberty and adulthood. Hippocampus, 1995, 5, 329-340.	1.9	36
141	Developmental exposure to ozone induces subtle changes in swimming navigation of adult mice. Toxicology Letters, 1995, 81, 91-99.	0.8	4
142	The Gene of Chicken Axoninâ€1. FEBS Journal, 1995, 227, 617-628.	0.2	0
143	The Gene of Chicken Axonin-1. Complete Structure and Analysis of the Promoter. FEBS Journal, 1995, 227, 617-628.	0.2	26
144	Swimming navigation, open-field activity, and extrapolation behavior of two inbred mouse strains with Robertsonian translocation of chromosomes 8 and 17. Behavior Genetics, 1994, 24, 273-284.	2.1	20

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145	Distribution of TAG-1/Axonin-1 in fibre tracts and migratory streams of the developing mouse nervous system. Journal of Comparative Neurology, 1994, 345, 1-32.	1.6	145
146	Hippocampal mossy fibers and swimming navigation in mice: Correlations with size and left-right asymmetries. Hippocampus, 1994, 4, 53-63.	1.9	64
147	Behavioral and anatomical deficits in mice homozygous for a modified ?-amyloid precursor protein gene. Cell, 1994, 79, 755-765.	28.9	294
148	CBP-18, a Ca2+-Binding Protein in Rat Brain: Tissue Distribution and Localization. Journal of Neurochemistry, 1993, 60, 1639-1649.	3.9	6
149	Impaired acquisition of swimming navigation in adult mice exposed prenatally to oxazepam. Psychopharmacology, 1993, 111, 33-38.	3.1	17
150	A new computer program for detailed off-line analysis of swimming navigation in the Morris water maze. Journal of Neuroscience Methods, 1992, 41, 65-74.	2.5	68
151	Weak or missing paw lateralization in a mouse strain (I/LnJ) with congenital absence of the corpus callosum. Behavioural Brain Research, 1991, 46, 9-16.	2.2	29
152	Swimming navigation and structural variations of the infrapyramidal mossy fibers in the hippocampus of the mouse. Hippocampus, 1991, 1, 315-328.	1.9	120
153	The relationship between ventral striatal efferent fibers and the distribution of peptide-positive woolly fibers in the forebrain of the rhesus monkey. Neuroscience, 1990, 39, 323-338.	2.3	56
154	Using genetically-defined rodent strains for the identification of hippocampal traits relevant for two-way avoidance behavior: a non-invasive approach. Experientia, 1989, 45, 845-859.	1.2	131
155	Taste and odor. , 0, , 325-330.		0