

Developments of a water-maze procedure for studying

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Animal models and cancer-related symptoms. , 0, , 270-278.		0
3	A deficit in ambient visual guidance following superior colliculus lesions in rats.. Behavioral Neuroscience, 1985, 99, 707-716.	0.6	40
4	Dissociation between components of spatial memory in rats after recovery from the effects of retrohippocampal lesions. Experimental Brain Research, 1985, 58, 11-28.	0.7	358
5	On-demand platform improves accuracy of the Morris water maze procedure. Journal of Neuroscience Methods, 1985, 15, 63-72.	1.3	41
6	Post-trial flicker stimulation interferes with spatial memory in the Morris water maze. Neuroscience Letters, 1985, 56, 359-363.	1.0	6
7	Formation of a place learning-set by the rat: A new paradigm for neurobehavioral studies. Physiology and Behavior, 1985, 35, 139-143.	1.0	200
8	Disruption of central cholinergic systems in the rat by basal forebrain lesions or atropine: Effects on feeding, sensorimotor behaviour, locomotor activity and spatial navigation. Behavioural Brain Research, 1985, 17, 103-115.	1.2	239
9	Transplantation of embryonic ventral forebrain neurons to the neocortex of rats with lesions of nucleus basalis magnocellularisâ€”II. Sensorimotor and learning impairments. Neuroscience, 1985, 16, 787-797.	1.1	293
10	During stepwise cue deletion, rat place behaviors correlate with place unit responses. Brain Research, 1985, 330, 369-372.	1.1	54
11	Effects of individual housing and stressor exposure upon the acquisition of watermaze escape. Learning and Motivation, 1986, 17, 287-310.	0.6	24
12	The swimming activity of the staggerer mutant mouse. Behavioural Processes, 1986, 13, 287-299.	0.5	9
13	Quantitative histochemistry of brain acetylcholinesterase and learning rate in the aged rat. Neurobiology of Aging, 1986, 7, 215-217.	1.5	133
14	Selective attention and place navigation in rats treated prenatally with methylazoxymethanol. Developmental Brain Research, 1986, 30, 145-155.	2.1	42
15	Cholinergic septal grafts into the hippocampal formation improve spatial learning and memory in aged rats by an atropine-sensitive mechanism. Journal of Neuroscience, 1986, 6, 2837-2847.	1.7	220
16	Lack of task specificity and absence of posttraining effects of atropine on learning.. Behavioral Neuroscience, 1986, 100, 483-493.	0.6	82
17	Specific disruption of spatial behaviour in rats by central muscarinic receptor blockade. Psychopharmacology, 1986, 90, 229-35.	1.5	12
18	Selective impairment of learning and blockade of long-term potentiation by an N-methyl-D-aspartate receptor antagonist, AP5. Nature, 1986, 319, 774-776.	13.7	3,414
19	Effects of chlordiazepoxide and sodium valproate in two tests of spatial behaviour. Pharmacology Biochemistry and Behavior, 1986, 25, 747-751.	1.3	15

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20	Relationships between the superior colliculus and hippocampus: Neural and behavioral considerations. Behavioral and Brain Sciences, 1987, 10, 101-119.	0.4	75
21	Hippocampal-collicular interactions: An example of input linkages to the hippocampus. Behavioral and Brain Sciences, 1987, 10, 119-119.	0.4	2
22	Are hippocampus and superior colliculus more related to each other than to other brain structures?. Behavioral and Brain Sciences, 1987, 10, 120-121.	0.4	3
23	The "reciprocal loop" model: How strong is the evidence, how useful is the model?. Behavioral and Brain Sciences, 1987, 10, 121-121.	0.4	2
24	Modulation of tectal functions by prosencephalic loops in amphibians. Behavioral and Brain Sciences, 1987, 10, 122-123.	0.4	58
25	Dependence of the hippocampal formation on other brain structures. Behavioral and Brain Sciences, 1987, 10, 123-124.	0.4	2
26	More to hippocampal-collicular relations than meets the eye. Behavioral and Brain Sciences, 1987, 10, 124-125.	0.4	0
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37	Collicular-hippocampal linkage: Reflections and further considerations. Behavioral and Brain Sciences, 1987, 10, 133-151.	0.4	2

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38	How does the rat hippocampus see?. Behavioral and Brain Sciences, 1987, 10, 121-122.	0.4	2
39	Comparison of spatial learning in woodmice (<i>Apodemus sylvaticus</i>) and hooded rats (<i>Rattus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.3	21
40	Chapter 27 Grafts of fetal cholinergic neurons to the deafferented hippocampus. Progress in Brain Research, 1987, 71, 335-347.	0.9	19
41	Chapter 28 A functional analysis of connections between grafted septal neurons and host hippocampus. Progress in Brain Research, 1987, 71, 349-357.	0.9	29
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43	Chlordiazepoxide, an anxiolytic benzodiazepine, impairs place navigation in rats. Behavioural Brain Research, 1987, 24, 39-46.	1.2	180
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45	Impaired performance of rats in the Morris swim-maze test late in abstinence following long-term sodium barbital treatment. Drug and Alcohol Dependence, 1987, 20, 203-212.	1.6	13
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47	Spatial learning and memory following fimbria-fornix transection and grafting of fetal septal neurons to the hippocampus. Experimental Brain Research, 1987, 67, 195-215.	0.7	332
48	Effects of chronic diisopropylfluorophosphate treatment on spatial learning in mice. Pharmacology Biochemistry and Behavior, 1987, 27, 143-151.	1.3	49
49	Amelioration of cholinergic neuron atrophy and spatial memory impairment in aged rats by nerve growth factor. Nature, 1987, 329, 65-68.	13.7	1,035
50	A multipurpose vertical holeboard with automated recording of spatial and temporal response patterns for rodents. Journal of Neuroscience Methods, 1988, 25, 251-263.	1.3	20
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57	Investigation into sex-related differences in locomotor activity, place learning and passive avoidance responding in NMRI mice. Physiology and Behavior, 1988, 44, 787-790.	1.0	52
58	Constraints on water maze spatial learning in rats. Behavioural Brain Research, 1988, 28, 275-286.	1.2	27
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60	POSTER COMMUNICATIONS. British Journal of Pharmacology, 1988, 94, 372P.	2.7	4
62	Electric activity in the neocortex of freely moving young and aged rats. Neuroscience, 1988, 26, 735-744.	1.1	130
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64	Medial septal lesions disrupt spatial mapping ability in rats.. Behavioral Neuroscience, 1988, 102, 289-293.	0.6	93
65	Aging and atropine effects on spatial navigation in the Morris water task.. Behavioral Neuroscience, 1988, 102, 621-634.	0.6	96
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75	NMDA receptor antagonists can enhance or impair learning performance in animals. <i>Experimental Brain Research</i> , 1989, 75, 449-56.	0.7	170
76	Intrahippocampal grafts of fetal basal forebrain tissue alter place fields in the hippocampus of rats with fimbria-fornix lesions. <i>Neuroscience</i> , 1989, 32, 1-18.	1.1	70
77	Aging and brain cholinergic muscarinic receptor subtypes: An autoradiographic study in the rat. <i>Neurobiology of Aging</i> , 1989, 10, 305-310.	1.5	75
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80	Overcoming unlearned response biases: delayed escape following errors facilitates acquisition of win-stay and win-shift working memory water-escape tasks in rats. <i>Behavioral and Neural Biology</i> , 1989, 52, 239-250.	2.3	28
81	Vestibular stimulation disrupts acquisition of place navigation in the Morris water tank task. <i>Behavioral and Neural Biology</i> , 1989, 51, 346-363.	2.3	52
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84	Brain transplants enhance rather than reduce the impairment of spatial memory and olfaction in bulbectomized rats. <i>Behavioral Neuroscience</i> , 1989, 103, 61-70.	0.6	30
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86	Chapter 41 Transplantation of fetal hippocampus may prevent or produce behavioral recovery from hippocampal ablation and recovery persists after removal of the transplant. <i>Progress in Brain Research</i> , 1990, 82, 367-376.	0.9	11
87	Chapter 54 Behavioural effects of intracerebral dopaminergic grafts after neonatal destruction of the mesencephalic dopaminergic system. <i>Progress in Brain Research</i> , 1990, 82, 481-487.	0.9	7
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95	Four-Choice Win-Stay Water Escape Acquisition by Rats. <i>Psychological Reports</i> , 1990, 66, 67-70.	0.9	5
96	Altered levels of amyloid protein precursor transcripts in the basal forebrain of behaviorally impaired aged rats.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 3032-3036.	3.3	64
97	A dose-related impairment of spatial learning by the NMDA receptor antagonist, 2-amino-5-phosphonovalerate (AP5). <i>European Neuropsychopharmacology</i> , 1990, 1, 15-20.	0.3	35
98	Behavioural deficits and serotonin depletion in adult rats after transient infant nasal viral infection. <i>Neuroscience</i> , 1990, 35, 355-363.	1.1	54
99	Nerve growth factor levels and choline acetyltransferase activity in the brain of aged rats with spatial memory impairments. <i>Brain Research</i> , 1990, 537, 123-130.	1.1	139
100	Amelioration of spatial memory impairment by intrahippocampal grafts of mixed septal and raphe tissue in rats with combined cholinergic and serotonergic denervation of the forebrain. <i>Brain Research</i> , 1990, 515, 193-206.	1.1	171
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104	Testosterone fails to reverse spatial memory decline in aged rats and impairs retention in young and middle-aged animals. <i>Behavioral and Neural Biology</i> , 1990, 53, 6-20.	2.3	89
105	In situ binding of bouton zinc reversibly disrupts performance on a spatial memory task. <i>Behavioural Brain Research</i> , 1990, 38, 25-33.	1.2	82
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107	Simplifying environmental cues in a Morris-type water maze improves place learning in old NMRI mice. <i>Behavioral and Neural Biology</i> , 1991, 56, 89-100.	2.3	35
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112	In vivo acetylcholine release as measured by microdialysis is unaltered in the hippocampus of cognitively impaired aged rats with degenerative changes in the basal forebrain. <i>Brain Research</i> , 1991, 556, 44-52.	1.1	69
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124	Improvement of cognitive function by MAO-B inhibitor L-deprenyl in aged rats. <i>Pharmacology Biochemistry and Behavior</i> , 1991, 39, 297-304.	1.3	62
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126	The effect of subchronic administration of vigabatrin on learning and memory in nonepileptic rats. <i>Pharmacology Biochemistry and Behavior</i> , 1991, 39, 205-210.	1.3	14
127	Spontaneous alternation behavior: An animal model for obsessive-compulsive disorder?. <i>Pharmacology Biochemistry and Behavior</i> , 1991, 40, 311-315.	1.3	130
128	Evaluation of Memory Dysfunction Following Experimental Brain Injury Using the Morris Water Maze. <i>Journal of Neurotrauma</i> , 1991, 8, 259-269.	1.7	332

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130	Irreversible Effects in Rats of Toluene (Inhalation) Exposure for Six Months. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1991, 68, 384-390.	0.0	52
131	Swimming navigation and structural variations of the infrapyramidal mossy fibers in the hippocampus of the mouse. <i>Hippocampus</i> , 1991, 1, 315-328.	0.9	120
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137	Double dissociation of fornix and caudate nucleus lesions on acquisition of two water maze tasks: Further evidence for multiple memory systems.. <i>Behavioral Neuroscience</i> , 1992, 106, 439-446.	0.6	598
138	Effects of transplantation of fetal hippocampal or hindbrain tissue into the brains of adult rats with hippocampal lesions on water maze acquisition.. <i>Behavioral Neuroscience</i> , 1992, 106, 39-50.	0.6	25
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140	The NMDA receptor antagonist D-2-amino-5-phosphonopentanoate (D-AP5) impairs spatial learning and LTP in vivo at intracerebral concentrations comparable to those that block LTP in vitro. <i>Journal of Neuroscience</i> , 1992, 12, 21-34.	1.7	588
141	Increased expression of brain-derived neurotrophic factor mRNA in rat hippocampus is associated with improved spatial memory and enriched environment. <i>Neuroscience Letters</i> , 1992, 138, 153-156.	1.0	353
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149	Buspirone impairs performance of a three-choice working memory water escape task in rats. <i>Brain Research Bulletin</i> , 1992, 28, 455-461.	1.4	28
150	Progressive decline in spatial learning and integrity of forebrain cholinergic neurons in rats during aging. <i>Neurobiology of Aging</i> , 1992, 13, 9-23.	1.5	277
151	Behavioral effects of continuous hippocampal stimulation in the developing rat. <i>Developmental Brain Research</i> , 1992, 68, 35-40.	2.1	37
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153	Dissociation of spatial navigation and visual guidance performance in Purkinje cell degeneration (pcd) mutant mice. <i>Behavioural Brain Research</i> , 1992, 47, 129-141.	1.2	102
154	Behavioural, biochemical and histological effects of AF64A following injection into the third ventricle of the mouse. <i>Behavioural Brain Research</i> , 1992, 51, 165-177.	1.2	21
155	Limbic seizures, but not kindling, reversibly impair place learning in the Morris water maze. <i>Behavioural Brain Research</i> , 1992, 50, 167-175.	1.2	47
156	Place and taste aversion learning: Role of basal forebrain, parietal cortex, and amygdala. <i>Brain Research Bulletin</i> , 1992, 29, 345-353.	1.4	55
157	Age-related changes in spontaneous behavior and learning in NMRI mice from middle to old age. <i>Physiology and Behavior</i> , 1992, 51, 81-88.	1.0	68
158	A behavioral profile of autoimmune lupus-prone MRL mice. <i>Brain, Behavior, and Immunity</i> , 1992, 6, 265-285.	2.0	106
159	Early post-natal administration of 5,7-dihydroxytryptamine destroys 5-HT neurons but does not affect spatial memory. <i>Brain Research</i> , 1992, 589, 262-267.	1.1	34
160	Spatial learning in a three-dimensional maze. <i>Animal Behaviour</i> , 1992, 43, 1011-1020.	0.8	94
161	Normal development and behaviour of mice lacking the neuronal cell-surface PrP protein. <i>Nature</i> , 1992, 356, 577-582.	13.7	1,582
162	Rat exploratory behavior controlled by intracranial self-stimulation improves the study of place cell activity. <i>Journal of Neuroscience Methods</i> , 1992, 44, 121-131.	1.3	23
163	Assessment of a cholinergic contribution to chlordiazepoxide-induced deficits of place learning in the Morris water maze. <i>Pharmacology Biochemistry and Behavior</i> , 1992, 41, 529-538.	1.3	36
164	Premature decline in morris water maze performance of aging micrencephalic rats. <i>Neurotoxicology and Teratology</i> , 1992, 14, 383-392.	1.2	33
165	Like diazepam, CL 218,872, a selective ligand for the benzodiazepine 1 receptor subtype, impairs place learning in the Morris water maze. <i>Psychopharmacology</i> , 1992, 107, 347-351.	1.5	45

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166	Effects of oral BMY 21502 on Morris water task performance in 16-18 month old F-344 rats. <i>Psychopharmacology</i> , 1992, 107, 485-488.	1.5	8
167	Pharmacological dissociation between the spatial learning deficits produced by morphine and diazepam. <i>Psychopharmacology</i> , 1992, 108, 147-152.	1.5	54
168	A new computer program for detailed off-line analysis of swimming navigation in the Morris water maze. <i>Journal of Neuroscience Methods</i> , 1992, 41, 65-74.	1.3	68
169	Long-evans and sprague-dawley rats differ in their spatial navigation performance during ontogeny and at maturity. <i>Developmental Psychobiology</i> , 1992, 25, 567-579.	0.9	64
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2412	Metallosupramolecular complex targeting an β 2 discordant stretch of amyloid β^2 peptide. <i>Chemical Science</i> , 2012, 3, 3145.	3.7	65
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2417	Icariin improves cognitive deficits and activates quiescent neural stem cells in aging rats. <i>Journal of Ethnopharmacology</i> , 2012, 142, 746-753.	2.0	48

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2433	Corticosterone synthesis inhibitor metyrapone ameliorates chronic hypobaric hypoxia induced memory impairment in rat. <i>Behavioural Brain Research</i> , 2012, 228, 53-65.	1.2	34
2434	The effect of subchronic fluoxetine treatment on learning and memory in adolescent rats. <i>Behavioural Brain Research</i> , 2012, 228, 169-175.	1.2	26
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2455	Inhibition of P2X7 receptor ameliorates transient global cerebral ischemia/reperfusion injury via modulating inflammatory responses in the rat hippocampus. <i>Journal of Neuroinflammation</i> , 2012, 9, 69.	3.1	134
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2461	Small molecules that protect against β -amyloid-induced cytotoxicity by inhibiting aggregation of β -amyloid. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 4921-4935.	1.4	20
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2511	Endocrine substrates of cognitive and affective changes during pregnancy and postpartum.. <i>Behavioral Neuroscience</i> , 2012, 126, 54-72.	0.6	113
2512	Enriched Environment Increases the Myelinated Nerve Fibers of Aged Rat Corpus Callosum. <i>Anatomical Record</i> , 2012, 295, 999-1005.	0.8	32
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2518	Brain metabolism and spatial memory are affected by portal hypertension. <i>Metabolic Brain Disease</i> , 2012, 27, 183-191.	1.4	16
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2521	Effect of electroacupuncture on learning and memory in rats with vascular dementia. <i>Journal of Acupuncture and Tuina Science</i> , 2012, 10, 67-71.	0.1	0
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2530	Chrysin improves cognitive deficits and brain damage induced by chronic cerebral hypoperfusion in rats. <i>European Journal of Pharmacology</i> , 2012, 680, 41-48.	1.7	108
2531	Protective effect of menthol on β -amyloid peptide induced cognitive deficits in mice. <i>European Journal of Pharmacology</i> , 2012, 681, 50-54.	1.7	20
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2533	Synthesis and evaluation of novel acid derivatives as potent acetylcholinesterase inhibitors and anti-amnestic agents. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 521-530.	1.4	29
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2570	Acetyl-L-carnitine-mediated neuroprotection during hypoxia is attributed to ERK1/2-regulated mitochondrial biosynthesis. <i>Hippocampus</i> , 2012, 22, 723-736.	0.9	80
2571	Protective Efficacy of Coenzyme Q10 Against DDVP-Induced Cognitive Impairments and Neurodegeneration in Rats. <i>Neurotoxicity Research</i> , 2012, 21, 345-357.	1.3	19
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2573	Cognitive and neurochemical alterations in hyperhomocysteinemic rat. <i>Neurological Sciences</i> , 2012, 33, 39-43.	0.9	44
2574	Ethanol Extract of <i>Magnolia officinalis</i> Prevents Lipopolysaccharide-Induced Memory Deficiency via Its Antineuroinflammatory and Anti-amyloidogenic Effects. <i>Phytotherapy Research</i> , 2013, 27, 438-447.	2.8	37
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2576	Inhibition of glucocorticoid receptors ameliorates hypobaric hypoxia induced memory impairment in rat. <i>Behavioural Brain Research</i> , 2013, 240, 76-86.	1.2	22
2577	Spatial learning impairments in PLB1 triple knock-in Alzheimer mice are task-specific and age-dependent. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 2603-2619.	2.4	25
2578	Neuroprotective effect of gadolinium: a stretch-activated calcium channel blocker in mouse model of ischemia-reperfusion injury. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2013, 386, 255-264.	1.4	25
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3592	Clavulanic acid enhances glutamate transporter subtype 1 (GLT-1) expression and decreases reinforcing efficacy of cocaine in mice. <i>Amino Acids</i> , 2016, 48, 689-696.	1.2	41
3593	Pharmacological induction of hemoxygenase-1 activity attenuates intracerebroventricular streptozotocin induced neurocognitive deficit and oxidative stress in rats. <i>European Journal of Pharmacology</i> , 2016, 772, 43-50.	1.7	23
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3603	A comparison of discrimination learning in touchscreen and 2-choice swim tank using an allelic series of Huntington's disease mice. <i>Journal of Neuroscience Methods</i> , 2016, 265, 56-71.	1.3	5
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3613	Sex differences in cell genesis, hippocampal volume and behavioral outcomes in a rat model of neonatal HI. <i>Experimental Neurology</i> , 2016, 275, 285-295.	2.0	46
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3649	Overexpression of HIF-1 α in mesenchymal stem cells contributes to repairing hypoxic-ischemic brain damage in rats. <i>Comptes Rendus - Biologies</i> , 2017, 340, 18-24.	0.1	7
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3651	FFPM, a PDE4 inhibitor, reverses learning and memory deficits in APP/PS1 transgenic mice via cAMP/PKA/CREB signaling and anti-inflammatory effects. <i>Neuropharmacology</i> , 2017, 116, 260-269.	2.0	96
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3665	Edaravone attenuates intracerebroventricular streptozotocin-induced cognitive impairment in rats. <i>European Journal of Neuroscience</i> , 2017, 45, 987-997.	1.2	20
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3670	Prevention of hypertension-induced vascular dementia by <i>Lactobacillus paracasei</i> subsp. <i>paracasei</i> NTU 101-fermented products. <i>Pharmaceutical Biology</i> , 2017, 55, 487-496.	1.3	17

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3675	A data-driven approach for evaluating multi-modal therapy in traumatic brain injury. <i>Scientific Reports</i> , 2017, 7, 42474.	1.6	16
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3686	Repeated mild traumatic brain injury in female rats increases lipid peroxidation in neurons. <i>Experimental Brain Research</i> , 2017, 235, 2133-2149.	0.7	23
3687	Disruption of glutamate neurotransmitter transmission is modulated by SNAP-25 in benzo[a]pyrene-induced neurotoxic effects. <i>Toxicology</i> , 2017, 384, 11-22.	2.0	12
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3690	Rosuvastatin Attenuates High-Salt and Cholesterol Diet Induced Neuroinflammation and Cognitive Impairment via Preventing Nuclear Factor KappaB Pathway. <i>Neurochemical Research</i> , 2017, 42, 2404-2416.	1.6	34
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3692	N-acetylcysteine treatment attenuates the cognitive impairment and synaptic plasticity loss induced by streptozotocin. <i>Chemico-Biological Interactions</i> , 2017, 272, 37-46.	1.7	16
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3697	Refining environmental enrichment to advance rehabilitation based research after experimental traumatic brain injury. <i>Experimental Neurology</i> , 2017, 294, 12-18.	2.0	23
3698	The Arizona Cognitive Test Battery for Down Syndrome: Test-Retest Reliability and Practice Effects. <i>American Journal on Intellectual and Developmental Disabilities</i> , 2017, 122, 215-234.	0.8	35
3699	Spatial learning and memory in male mice with altered growth hormone action. <i>Hormones and Behavior</i> , 2017, 93, 18-30.	1.0	20
3700	Effects of erythropoietin on neonatal hypoxia-ischemia brain injury in rat model. <i>Physiology and Behavior</i> , 2017, 169, 74-81.	1.0	7
3701	Proinsulin protects against age-related cognitive loss through anti-inflammatory convergent pathways. <i>Neuropharmacology</i> , 2017, 123, 221-232.	2.0	14
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3705	Effect of insulin on spatial memory in aluminum chloride-induced dementia in rats. <i>NeuroReport</i> , 2017, 28, 540-544.	0.6	21
3706	Jaboticaba berry peel intake prevents insulin-resistance-induced tau phosphorylation in mice. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600952.	1.5	45

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3711	The X-Linked Intellectual Disability Protein IL1RAPL1 Regulates Dendrite Complexity. <i>Journal of Neuroscience</i> , 2017, 37, 6606-6627.	1.7	36
3712	Neuroprotective role of GABAB receptor modulation against streptozotocin-induced behavioral and biochemical abnormalities in rats. <i>Neuroscience</i> , 2017, 357, 67-74.	1.1	9
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3858	Rhodiola rosea L extract shows protective activity against Alzheimer's disease in 3xTg-AD mice. <i>Tropical Journal of Pharmaceutical Research</i> , 2017, 16, 509.	0.2	4
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3864	COGNITIVE-ENHANCING PROPERTIES OF MORINDA LUCIDA (RUBIACEAE) AND PELTOPHORUM PTEROCARPUM (FABACEAE) IN SCOPOLAMINE-INDUCED AMNESIC MICE. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2017, 14, 136-141.	0.3	5
3865	Cognitive and behavioral evaluation of nutritional interventions in rodent models of brain aging and dementia. <i>Clinical Interventions in Aging</i> , 2017, Volume 12, 1419-1428.	1.3	82
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3868	Protective Effects of Fucoïdan on $A\beta_{1-42}$ and d-Gal-Induced Neurotoxicity in PC12 Cells and d-Gal-Induced Cognitive Dysfunction in Mice. <i>Marine Drugs</i> , 2017, 15, 77.	2.2	78
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4034	Dehydrocavidine attenuates d-galactose induced learning and memory impairment in rats. <i>Neuroscience Letters</i> , 2018, 665, 200-205.	1.0	10
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4036	Total flavonoid extract from <i>Dracocephalum moldavica</i> L. attenuates β -amyloid-induced toxicity through anti-amyloidogenic and neurotrophic pathways. <i>Life Sciences</i> , 2018, 193, 214-225.	2.0	25

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4051	<i>Nigella sativa</i> (black seed) extract improves spatial learning ability in albino mice. <i>Bayero Journal of Pure and Applied Sciences</i> , 2018, 10, 111.	0.1	0
4052	A Matlab Tool for Morris Water Maze Test Implementation. , 2018, , .		0
4053	In Vitro Anti-cholinesterase and Cognitive Enhancing Properties of Essential Oils from <i>Piper nigrum</i> L. and <i>Monodora myristica</i> (Gaertn) Dunal. <i>International Journal of Pharmacology and Toxicology</i> , 2018, 6, 34-41.	0.2	1
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4078	Bee venom phospholipase A2 ameliorates Alzheimer's disease pathology in A β 2 vaccination treatment without inducing neuro-inflammation in a 3xTg-AD mouse model. <i>Scientific Reports</i> , 2018, 8, 17369.	1.6	23
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4085	Effects of cinnamic acid on memory deficits and brain oxidative stress in streptozotocin-induced diabetic mice. <i>Korean Journal of Physiology and Pharmacology</i> , 2018, 22, 257.	0.6	47
4086	Protective effect of <i>Carthamus tinctorius</i> L. seed on oxidative stress and cognitive impairment induced by chronic alcohol consumption in mice. <i>Food Science and Biotechnology</i> , 2018, 27, 1475-1484.	1.2	17
4087	Activation of TRPC1 Channel by Metabotropic Glutamate Receptor mGluR5 Modulates Synaptic Plasticity and Spatial Working Memory. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 318.	1.8	48
4088	The relationship between learning speed and personality is age- and task-dependent in red junglefowl. <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 168.	0.6	41
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4102	Memory deficits and hippocampal inflammation in cerebral hypoperfusion and reperfusion in male rats: Neuroprotective role of vanillic acid. <i>Life Sciences</i> , 2018, 211, 126-132.	2.0	71
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4104	Chronic asthma-induced behavioral and hippocampal neuronal morphological changes are concurrent with BDNF, cofilin1 and Cdc42/RhoA alterations in immature mice. <i>Brain Research Bulletin</i> , 2018, 143, 194-206.	1.4	16
4105	Walnut (<i>Juglans regia</i>) Peptides Reverse Sleep Deprivation-Induced Memory Impairment in Rat via Alleviating Oxidative Stress. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 10617-10627.	2.4	59
4106	Outstanding Awards Brief Reports. <i>Journal of Theoretical Social Psychology</i> , 2018, 28, 271-296.	1.2	0
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4108	Comparison between the effect of human Wharton's jelly-derived mesenchymal stem cells and levetiracetam on brain infarcts in rats. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 9790-9800.	1.2	6
4109	Excessive apoptosis and disordered autophagy flux contribute to the neurotoxicity induced by high iodine in Sprague-Dawley rat. <i>Toxicology Letters</i> , 2018, 297, 24-33.	0.4	21
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4118	Anti-amyloidogenic properties of an ethyl acetate fraction from <i>Actinidia arguta</i> in β -amyloid ₄₂ -induced ICR mice. <i>Food and Function</i> , 2018, 9, 3264-3277.	2.1	9
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4120	Resveratrol prevents high-calorie diet-induced learning and memory dysfunction in juvenile C57BL/6j mice. <i>Neurological Research</i> , 2018, 40, 1-7.	0.6	4
4121	Betulinic acid, a natural PDE inhibitor restores hippocampal cAMP/cGMP and BDNF, improve cerebral blood flow and recover memory deficits in permanent BCCAO induced vascular dementia in rats. <i>European Journal of Pharmacology</i> , 2018, 832, 56-66.	1.7	41
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4126	Maternal voluntary exercise ameliorates learning deficit in rat pups exposed, in utero, to valproic acid; role of BDNF and VEGF and their receptors. <i>Neuropeptides</i> , 2018, 71, 43-53.	0.9	10
4127	IL-6 deficiency alters spatial memory in 4- and 24-month-old mice. <i>Neurobiology of Learning and Memory</i> , 2018, 155, 21-29.	1.0	26
4128	Influence of fisetin combined with hesperidin on chronic mild hyperhomocysteinemia induced cognitive dysfunction and oxidative stress in wistar rats. <i>PharmaNutrition</i> , 2018, 6, 125-136.	0.8	9

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4690	Anticipatory feelings: Neural correlates and linguistic markers. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 113, 308-324.	2.9	15
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4703	Prenatal fruit juice exposure enhances memory consolidation in male post-weanling Sprague-Dawley rats. <i>PLoS ONE</i> , 2020, 15, e0227938.	1.1	1
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4781	Potential ameliorative effect of <i>Cynodon dactylon</i> (L.) pers on scopolamine-induced amnesia in rats: Restoration of cholinergic and antioxidant pathways. <i>Indian Journal of Pharmacology</i> , 2021, 53, 50.	0.4	2
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4790	Protective Effect of Processed <i>Polygoni multiflori Radix</i> and Its Major Substance during Scopolamine-Induced Cognitive Dysfunction. <i>Processes</i> , 2021, 9, 342.	1.3	1
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4812	Impact of Chronic Oral Administration of Silver Nanoparticles on Cognitive Abilities of Mice. <i>Physics of Particles and Nuclei Letters</i> , 2021, 18, 250-265.	0.1	6
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4816	Dammarane Sapogenins Improving Simulated Weightlessness-Induced Depressive-Like Behaviors and Cognitive Dysfunction in Rats. <i>Frontiers in Psychiatry</i> , 2021, 12, 638328.	1.3	6
4817	Effects of multi-species probiotic supplementation on alcohol metabolism in rats. <i>Journal of Microbiology</i> , 2021, 59, 417-425.	1.3	10
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4822	Neuroprotective Potential of Ellagic Acid: A Critical Review. <i>Advances in Nutrition</i> , 2021, 12, 1211-1238.	2.9	68
4823	An 8-Week Administration of <i>Bifidobacterium bifidum</i> and <i>Lactobacillus plantarum</i> Combined with Exercise Training Alleviates Neurotoxicity of A β ² and Spatial Learning via Acetylcholine in Alzheimer Rat Model. <i>Journal of Molecular Neuroscience</i> , 2021, 71, 1495-1505.	1.1	26
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