John P Aggleton

List of Publications by Year
in descending order

272 papers	28,722 citations	4146 87 h-index	6131 159 g-index
286 all docs	286 docs citations	286 times ranked	16815 citing authors

#	Article	IF	Citations
1	Episodic memory, amnesia, and the hippocampalâ€“anterior thalamic axis. Behavioral and Brain Sciences, 1999, 22, 425-444.	0.7	1,862
2	Recognition memory: What are the roles of the perirhinal cortex and hippocampus?. Nature Reviews Neuroscience, 2001, 2, 51-61.	10.2	1,360
3	What does the retrosplenial cortex do?. Nature Reviews Neuroscience, 2009, 10, 792-802.	10.2	1,170
4	Spontaneous object recognition and object location memory in rats: the effects of lesions in the cingulate cortices, the medial prefrontal cortex, the cingulum bundle and the fornix. Experimental Brain Research, 1997, 113, 509-519.	1.5	588
5	Impaired auditory recognition of fear and anger following bilateral amygdala lesions. Nature, 1997, 385, 254-257.	27.8	584
6	Cortical and subcortical afferents to the amygdala of the rhesus monkey (Macaca mulatta). Brain Research, 1980, 190, 347-368.	2.2	575
7	Extending the spontaneous preference test of recognition: evidence of object-location and object-context recognition. Behavioural Brain Research, 1999, 99, 191-200.	2.2	510
8	The effects of hippocampal lesions upon spatial and non-spatial tests of working memory. Behavioural Brain Research, 1986, 19, 133-146.	2.2	501
9	Episodic memory, amnesia, and the hippocampal-anterior thalamic axis. Behavioral and Brain Sciences, 1999, 22, 425-44; discussion 444-89.	0.7	491
10	The cingulum bundle: Anatomy, function, and dysfunction. Neuroscience and Biobehavioral Reviews, 2018, 92, 104-127.	6.1	468
11	Interleaving brain systems for episodic and recognition memory. Trends in Cognitive Sciences, 2006, 10, 455-463.	7.8	418
12	Different Contributions of the Hippocampus and Perirhinal Cortex to Recognition Memory. Journal of Neuroscience, 1999, 19, 1142-1148.	3.6	413
13	Face processing impairments after amygdalotomy. Brain, 1995, 118, 15-24.	7.6	410
14	The contribution of the amygdala to normal and abnormal emotional states. Trends in Neurosciences, 1993, 16, 328-333.	8.6	394
15	Hippocampalâ€“anterior thalamic pathways for memory: uncovering a network of direct and indirect actions. European Journal of Neuroscience, 2010, 31, 2292-2307.	2.6	384
16	Neurotoxic lesions of the perirhinal cortex do not mimic the behavioural effects of fornix transection in the rat. Behavioural Brain Research, 1996, 80, 9-25.	2.2	354
17	Amnesia and recognition memory: A re-analysis of psychometric data. Neuropsychologia, 1996, 34, 51-62.	1.6	323
18	Thalamic pathology and memory loss in early Alzheimerâ€™s disease: moving the focus from the medial temporal lobe to Papez circuit. Brain, 2016, 139, 1877-1890.	7.6	283

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19	Multiple anatomical systems embedded within the primate medial temporal lobe: Implications for hippocampal function. Neuroscience and Biobehavioral Reviews, 2012, 36, 1579-1596.	6.1	278
20	Functionally Dissociating Aspects of Event Memory: the Effects of Combined Perirhinal and Postrhinal Cortex Lesions on Object and Place Memory in the Rat. Journal of Neuroscience, 1999, 19, 495-502.	3.6	263
21	The anterior thalamus provides a subcortical circuit supporting memory and spatial navigation. Frontiers in Systems Neuroscience, 2013, 7, 45.	2.5	258
22	A disproportionate role for the fornix and mammillary bodies in recall versus recognition memory. Nature Neuroscience, 2008, 11, 834-842.	14.8	256
23	Sparing of the familiarity component of recognition memory in a patient with hippocampal pathology. Neuropsychologia, 2005, 43, 1810-1823.	1.6	252
24	The mammillary bodies: two memory systems in one?. Nature Reviews Neuroscience, 2004, 5, 35-44.	10.2	247
25	A comparison of egocentric and allocentric spatial memory in a patient with selective hippocampal damage. Neuropsychologia, 2000, 38, 410-425.	1.6	245
26	Fos Imaging Reveals Differential Patterns of Hippocampal and Parahippocampal Subfield Activation in Rats in Response to Different Spatial Memory Tests. Journal of Neuroscience, 2000, 20, 2711-2718.	3.6	243
27	The effects of neurotoxic lesions of the perirhinal cortex combined to fornix transection on object recognition memory in the rat. Behavioural Brain Research, 1997, 88, 181-193.	2.2	235
28	Extensive Cytotoxic Lesions Involving Both the Rhinal Cortices and Area TE Impair Recognition But Spare Spatial Alternation in the Rat. Brain Research Bulletin, 1997, 43, 279-287.	3.0	228
29	Distinct patterns of behavioural impairments resulting from fornix transection or neurotoxic lesions of the perirhinal and postrhinal cortices in the rat. Behavioural Brain Research, 2000, 111, 187-202.	2.2	226
30	The effects of selective lesions within the anterior thalamic nuclei on spatial memory in the rat. Behavioural Brain Research, 1996, 81, 189-198.	2.2	212
31	Syndrome produced by lesions of the amygdala in monkeys (Macaca mulatta).. Journal of Comparative and Physiological Psychology, 1981, 95, 961-977.	1.8	211
32	Effects of the novelty or familiarity of visual stimuli on the expression of the immediate early gene c-fos in rat brain. Neuroscience, 1995, 69, 821-829.	2.3	208
33	The effects of fornix and medial prefrontal lesions on delayed non-matching-to-sample by rats. Behavioural Brain Research, 1993, 54, 91-102.	2.2	207
34	Cholinergic Neurotransmission Is Essential for Perirhinal Cortical Plasticity and Recognition Memory. Neuron, 2003, 38, 987-996.	8.1	206
35	Frontotemporal Connections in Episodic Memory and Aging: A Diffusion MRI Tractography Study. Journal of Neuroscience, 2011, 31, 13236-13245.	3.6	205
36	Visual recognition impairment following medial thalamic lesions in monkeys. Neuropsychologia, 1983, 21, 189-197.	1.6	204

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37	Distinct subdivisions of the cingulum bundle revealed by diffusion MRI fibre tracking: Implications for neuropsychological investigations. Neuropsychologia, 2013, 51, 67-78.	1.6	204
38	Effects of selective excitotoxic prefrontal lesions on acquisition of nonmatching- and matching-to-place in the T-maze in the rat: differential involvement of the prelimbic-infralimbic and anterior cingulate cortices in providing behavioural flexibility. European Journal of Neuroscience, 2000, 12, 4457-4466.	2.6	194
39	Comparison of hippocampal, amygdala, and perirhinal projections to the nucleus accumbens: Combined anterograde and retrograde tracing study in the Macaque brain. Journal of Comparative Neurology, 2002, 450, 345-365.	1.6	194
40	A comparison of the effects of anterior thalamic, mamillary body and fornix lesions on reinforced spatial alternation. Behavioural Brain Research, 1995, 68, 91-101.	2.2	182
41	Removal of the hippocampus and transection of the fornix produce comparable deficits on delayed non-matching to position by rats. Behavioural Brain Research, 1992, 52, 61-71.	2.2	180
42	A description of the amygdalo-hippocampal interconnections in the macaque monkey. Experimental Brain Research, 1986, 64, 515-526.	1.5	171
43	Catechol O-Methyltransferase Gene Variant and Birth Weight Predict Early-Onset Antisocial Behavior in Children With Attention-Deficit/Hyperactivity Disorder. Archives of General Psychiatry, 2005, 62, 1275.	12.3	171
44	Extensive cytotoxic lesions of the rat retrosplenial cortex reveal consistent deficits on tasks that tax allocentric spatial memory.. Behavioral Neuroscience, 2002, 116, 85-94.	1.2	168
45	Impaired recollection but spared familiarity in patients with extended hippocampal system damage revealed by 3 convergent methods. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5442-5447.	7.1	166
46	The functional anatomy of visual-tactile integration in man: a study using positron emission tomography. Neuropsychologia, 2000, 38, 115-124.	1.6	162
47	The contribution of the anterior thalamic nuclei to anterograde amnesia. Neuropsychologia, 1993, 31, 1001-1019.	1.6	161
48	The Conjoint Importance of the Hippocampus and Anterior Thalamic Nuclei for Allocentric Spatial Learning: Evidence from a Disconnection Study in the Rat. Journal of Neuroscience, 2001, 21, 7323-7330.	3.6	157
49	Hippocampalâ€“diencephalicâ€“cingulate networks for memory and emotion: An anatomical guide. Brain and Neuroscience Advances, 2017, 1, 239821281772344.	3.4	157
50	The performance of amnesic subjects on tests of experimental amnesia in animals: delayed matching-to-sample and concurrent learning. Neuropsychologia, 1988, 26, 265-272.	1.6	155
51	Cingulum Microstructure Predicts Cognitive Control in Older Age and Mild Cognitive Impairment. Journal of Neuroscience, 2012, 32, 17612-17619.	3.6	148
52	An experimental test of the role of postsynaptic calcium levels in determining synaptic strength using perirhinal cortex of rat. Journal of Physiology, 2001, 532, 459-466.	2.9	147
53	Research priorities for the COVIDâ€19 pandemic and beyond: A call to action for psychological science. British Journal of Psychology, 2020, 111, 603-629.	2.3	146
54	Contrasting Hippocampal and Perirhinalcortex Function using Immediate Early Gene Imaging. Quarterly Journal of Experimental Psychology Section B: Comparative and Physiological Psychology, 2005, 58, 218-233.	2.8	138

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55	The Relationships Between Temporal Lobe and Diencephalic Structures Implicated in Anterograde Amnesia. Memory, 1997, 5, 49-72.	1.7	133
56	Neural systems underlying episodic memory: insights from animal research. Philosophical Transactions of the Royal Society B: Biological Sciences, 2001, 356, 1467-1482.	4.0	133
57	Lesions of the rat perirhinal cortex spare the acquisition of a complex configural visual discrimination yet impair object recognition.. Behavioral Neuroscience, 2010, 124, 55-68.	1.2	130
58	Mapping visual recognition memory through expression of the immediate early gene c-fos. NeuroReport, 1996, 7, 1871-1875.	1.2	129
59	A new form of long-term depression in the perirhinal cortex. Nature Neuroscience, 2000, 3, 150-156.	14.8	129
60	Projections from the entorhinal cortex, perirhinal cortex, presubiculum, and parasubiculum to the medial thalamus in macaque monkeys: identifying different pathways using disconnection techniques. Experimental Brain Research, 2005, 167, 1-16.	1.5	129
61	Lack of effect of lesions in the anterior cingulate cortex and retrosplenial cortex on certain tests of spatial memory in the rat. Behavioural Brain Research, 1994, 65, 89-101.	2.2	124
62	Recognition memory: Material, processes, and substrates. Hippocampus, 2010, 20, 1228-1244.	1.9	122
63	Identifying cortical inputs to the rat hippocampus that subserve allocentric spatial processes: A simple problem with a complex answer. Hippocampus, 2000, 10, 466-474.	1.9	120
64	Effects of amygdaloid and amygdaloid-hippocampal lesions on object recognition and spatial working memory in rats.. Behavioral Neuroscience, 1989, 103, 962-974.	1.2	118
65	Evidence of a Spatial Encoding Deficit in Rats with Lesions of the Mammillary Bodies or Mammillothalamic Tract. Journal of Neuroscience, 2003, 23, 3506-3514.	3.6	118
66	Unraveling the contributions of the diencephalon to recognition memory: A review. Learning and Memory, 2011, 18, 384-400.	1.3	118
67	Qualitatively different modes of perirhinalâ€“hippocampal engagement when rats explore novel vs. familiar objects as revealed by câ€Fos imaging. European Journal of Neuroscience, 2010, 31, 134-147.	2.6	117
68	Both fornix and anterior thalamic, but not mammillary, lesions disrupt delayed non-matching-to-position memory in rats. Behavioural Brain Research, 1991, 44, 151-161.	2.2	115
69	Differential deficits in the Morris water maze following cytotoxic lesions of the anterior thalamus and fornix transection. Behavioural Brain Research, 1998, 98, 27-38.	2.2	113
70	Novel spatial arrangements of familiar visual stimuli promote activity in the rat hippocampal formation but not the parahippocampal cortices: a c-fos expression study. Neuroscience, 2004, 124, 43-52.	2.3	111
71	Testing the importance of the retrosplenial guidance system: effects of different sized retrosplenial cortex lesions on heading direction and spatial working memory. Behavioural Brain Research, 2004, 155, 97-108.	2.2	109
72	Origin and topography of fibers contributing to the fornix in macaque monkeys. Hippocampus, 2007, 17, 396-411.	1.9	109

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73	Assessing the magnitude of the allocentric spatial deficit associated with complete loss of the anterior thalamic nuclei in rats. Behavioural Brain Research, 1997, 87, 223-232.	2.2	107
74	The ability of odours to serve as state-dependent cues for real-world memories: Can Viking smells aid the recall of Viking experiences?. British Journal of Psychology, 1999, 90, 1-7.	2.3	107
75	Magnitude of the object recognition deficit associated with perirhinal cortex damage in rats: Effects of varying the lesion extent and the duration of the sample period.. Behavioral Neuroscience, 2009, 123, 115-124.	1.2	107
76	Theta-Modulated Head Direction Cells in the Rat Anterior Thalamus. Journal of Neuroscience, 2011, 31, 9489-9502.	3.6	107
77	Complementary Patterns of Direct Amygdala and Hippocampal Projections to the Macaque Prefrontal Cortex. Cerebral Cortex, 2015, 25, 4351-4373.	2.9	107
78	A description of intra-amygdaloid connections in old world monkeys. Experimental Brain Research, 1985, 57, 390-9.	1.5	106
79	Effects of scopolamine and physostigmine on recognition memory in monkeys with ibotenic-acid lesions of the nucleus basalis of Meynert. Psychopharmacology, 1987, 92, 292-300.	3.1	106
80	Fos expression in the rostral thalamic nuclei and associated cortical regions in response to different spatial memory tests. Neuroscience, 2000, 101, 983-991.	2.3	106
81	Spontaneous recognition of object configurations in rats: effects of fornix lesions. Experimental Brain Research, 1994, 100, 85-92.	1.5	103
82	Comparing the effects of selective cingulate cortex lesions and cingulum bundle lesions on water maze performance by rats. European Journal of Neuroscience, 1998, 10, 622-634.	2.6	103
83	The Different Effects on Recognition Memory of Perirhinal Kainate and NMDA Glutamate Receptor Antagonism: Implications for Underlying Plasticity Mechanisms. Journal of Neuroscience, 2006, 26, 3561-3566.	3.6	101
84	EPS Mid-Career Award 2006: Understanding anterograde amnesia: Disconnections and hidden lesions. Quarterly Journal of Experimental Psychology, 2008, 61, 1441-1471.	1.1	100
85	The performance of amnesic subjects on tests of delayed matching-to-sample and delayed matching-to-position. Neuropsychologia, 1995, 33, 1583-1596.	1.6	98
86	Disconnecting hippocampal projections to the anterior thalamus produces deficits on tests of spatial memory in rats. European Journal of Neuroscience, 2000, 12, 1714-1726.	2.6	96
87	Testing the importance of the caudal retrosplenial cortex for spatial memory in rats. Behavioural Brain Research, 2003, 140, 107-118.	2.2	96
88	The effects of mammillary body and combined amygdalar-fornix lesions on tests of delayed non-matching-to-sample in the rat. Behavioural Brain Research, 1990, 40, 145-157.	2.2	93
89	Neurotoxic Lesions of the Dorsomedial Thalamus Impair the Acquisition But Not the Performance of Delayed Matching to Place by Rats: a Deficit in Shifting Response Rules. Journal of Neuroscience, 1998, 18, 10045-10052.	3.6	93
90	Nucleus reuniens of the thalamus contains head direction cells. ELife, 2014, 3, .	6.0	91

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91	The subiculum. Progress in Brain Research, 2015, 219, 65-82.	1.4	89
92	Temporal association tracts and the breakdown of episodic memory in mild cognitive impairment. Neurology, 2012, 79, 2233-2240.	1.1	88
93	Why do lesions in the rodent anterior thalamic nuclei cause such severe spatial deficits?. Neuroscience and Biobehavioral Reviews, 2015, 54, 131-144.	6.1	88
94	Selective dysgranular retrosplenial cortex lesions in rats disrupt allocentric performance of the radial-arm maze task.. Behavioral Neuroscience, 2005, 119, 1682-1686.	1.2	87
95	The medial dorsal thalamic nucleus and the medial prefrontal cortex of the rat function together to support associative recognition and recency but not item recognition. Learning and Memory, 2013, 20, 41-50.	1.3	86
96	Evidence for spatially-responsive neurons in the rostral thalamus. Frontiers in Behavioral Neuroscience, 2015, 9, 256.	2.0	85
97	Differential activation of the rat hippocampus and perirhinal cortex by novel visual stimuli and a novel environment. Neuroscience Letters, 1997, 229, 141-143.	2.1	84
98	cAMP Responsive Element-Binding Protein Phosphorylation Is Necessary for Perirhinal Long-Term Potentiation and Recognition Memory. Journal of Neuroscience, 2005, 25, 6296-6303.	3.6	83
99	Fornix Lesions Can Facilitate Acquisition of the Transverse Patterning Task: A Challenge for â€œConfiguralâ€• Theories of Hippocampal Function. Journal of Neuroscience, 1998, 18, 1622-1631.	3.6	80
100	Do rats with retrosplenial cortex lesions lack direction?. European Journal of Neuroscience, 2008, 28, 2486-2498.	2.6	80
101	Parallel but separate inputs from limbic cortices to the mammillary bodies and anterior thalamic nuclei in the rat. Journal of Comparative Neurology, 2010, 518, 2334-2354.	1.6	80
102	Extensive cytotoxic lesions of the rat retrosplenial cortex reveal consistent deficits on tasks that tax allocentric spatial memory. Behavioral Neuroscience, 2002, 116, 85-94.	1.2	80
103	THE AMYGDALA: SENSORY GATEWAY TO THE EMOTIONS. , 1986, , 281-299.		79
104	Medial dorsal thalamic lesions and working memory in the rat. Behavioral and Neural Biology, 1991, 55, 227-246.	2.2	79
105	Chewing gum can produce context-dependent effects upon memory. Appetite, 2004, 43, 207-210.	3.7	78
106	Mamillary-body lesions and visual recognition in monkeys. Experimental Brain Research, 1985, 58, 190-7.	1.5	77
107	Understanding retrosplenial amnesia: Insights from animal studies. Neuropsychologia, 2010, 48, 2328-2338.	1.6	77
108	Differential effects of amygdaloid lesions on conditioned taste aversion learning by rats. Physiology and Behavior, 1981, 27, 397-400.	2.1	75

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109	Granular and dysgranular retrosplenial cortices provide qualitatively different contributions to spatial working memory: evidence from immediateâ€early gene imaging in rats. European Journal of Neuroscience, 2009, 30, 877-888.	2.6	73
110	Projections from the hippocampal region to the mammillary bodies in macaque monkeys. European Journal of Neuroscience, 2005, 22, 2519-2530.	2.6	72
111	New behavioral protocols to extend our knowledge of rodent object recognition memory. Learning and Memory, 2010, 17, 407-419.	1.3	72
112	What pharmacological interventions indicate concerning the role of the perirhinal cortex in recognition memory. Neuropsychologia, 2012, 50, 3122-3140.	1.6	72
113	Loss of the thalamic nuclei for "head direction" impairs performance on spatial memory tasks in rats.. Behavioral Neuroscience, 2001, 115, 861-869.	1.2	71
114	Fos Imaging Reveals that Lesions of the Anterior Thalamic Nuclei Produce Widespread Limbic Hypoactivity in Rats. Journal of Neuroscience, 2002, 22, 5230-5238.	3.6	71
115	Hippocampal lesions halve immediateâ€"early gene protein counts in retrosplenial cortex: distal dysfunctions in a spatial memory system. European Journal of Neuroscience, 2007, 26, 1254-1266.	2.6	71
116	Benzodiazepine impairment of perirhinal cortical plasticity and recognition memory. European Journal of Neuroscience, 2004, 20, 2214-2224.	2.6	70
117	A Critical Role for the Anterior Thalamus in Directing Attention to Task-Relevant Stimuli. Journal of Neuroscience, 2015, 35, 5480-5488.	3.6	70
118	Looking beyond the hippocampus: old and new neurological targets for understanding memory disorders. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140565.	2.6	69
119	Anterior thalamic lesions stop immediate early gene activation in selective laminae of the retrosplenial cortex: evidence of covert pathology in rats?. European Journal of Neuroscience, 2004, 19, 3291-3304.	2.6	67
120	Anterior thalamic lesions stop synaptic plasticity in retrosplenial cortex slices: expanding the pathology of diencephalic amnesia. Brain, 2009, 132, 1847-1857.	7.6	66
121	Segregation of parallel inputs to the anteromedial and anteroventral thalamic nuclei of the rat. Journal of Comparative Neurology, 2013, 521, 2966-2986.	1.6	66
122	Qualitatively Different Hippocampal Subfield Engagement Emerges with Mastery of a Spatial Memory Task by Rats. Journal of Neuroscience, 2008, 28, 1034-1045.	3.6	65
123	A comparison between the connections of the amygdala and hippocampus with the basal forebrain in the macaque. Experimental Brain Research, 1987, 67, 556-68.	1.5	64
124	Working memory in aged rats.. Behavioral Neuroscience, 1989, 103, 975-983.	1.2	64
125	Fos imaging reveals differential neuronal activation of areas of rat temporal cortex by novel and familiar sounds. European Journal of Neuroscience, 2001, 14, 118-124.	2.6	64
126	Transient impairment of recognition memory following ibotenic-acid lesions of the basal forebrain in macaques. Experimental Brain Research, 1991, 86, 18-26.	1.5	62

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127	Using Fos Imaging in the Rat to Reveal the Anatomical Extent of the Disruptive Effects of Fornix Lesions. Journal of Neuroscience, 2000, 20, 8144-8152.	3.6	61
128	Contrasting brain activity patterns for item recognition memory and associative recognition memory: Insights from immediate-early gene functional imaging. Neuropsychologia, 2012, 50, 3141-3155.	1.6	61
129	When is the perirhinal cortex necessary for the performance of spatial memory tasks?. Neuroscience and Biobehavioral Reviews, 2004, 28, 611-624.	6.1	59
130	Evolutionary coherence of the mammalian amygdala. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 539-543.	2.6	58
131	The role of the hippocampus in mnemonic integration and retrieval: complementary evidence from lesion and inactivation studies. European Journal of Neuroscience, 2009, 30, 2177-2189.	2.6	58
132	Medial temporal lobe projections to the retrosplenial cortex of the macaque monkey. Hippocampus, 2012, 22, 1883-1900.	1.9	58
133	The effects of discrete cingulum bundle lesions in the rat on the acquisition and performance of two tests of spatial working memory. Behavioural Brain Research, 1996, 80, 75-85.	2.2	56
134	The ability of amnesic subjects to estimate time intervals. Neuropsychologia, 1994, 32, 857-873.	1.6	54
135	Perirhinal cortex and placeâ€“object conditional learning in the rat.. Behavioral Neuroscience, 2001, 115, 776-785.	1.2	53
136	Advances in the behavioural testing and network imaging of rodent recognition memory. Behavioural Brain Research, 2015, 285, 67-78.	2.2	52
137	Differing time dependencies of object recognition memory impairments produced by nicotinic and muscarinic cholinergic antagonism in perirhinal cortex. Learning and Memory, 2011, 18, 484-492.	1.3	50
138	An examination of the spatial working memory deficit following neurotoxic medial dorsal thalamic lesions in rats. Behavioural Brain Research, 1998, 97, 129-141.	2.2	49
139	Lesions of the fornix and anterior thalamic nuclei dissociate different aspects of hippocampal-dependent spatial learning: Implications for the neural basis of scene learning.. Behavioral Neuroscience, 2009, 123, 504-519.	1.2	48
140	Oscillatory Entrainment of Thalamic Neurons by Theta Rhythm in Freely Moving Rats. Journal of Neurophysiology, 2011, 105, 4-17.	1.8	48
141	Evidence that the rat hippocampus has contrasting roles in object recognition memory and object recency memory.. Behavioral Neuroscience, 2012, 126, 659-669.	1.2	48
142	The rat retrosplenial cortex is required when visual cues are used flexibly to determine location. Behavioural Brain Research, 2014, 263, 98-107.	2.2	47
143	A novel role for the rat retrosplenial cortex in cognitive control. Learning and Memory, 2014, 21, 90-97.	1.3	47
144	Effects of selective granular retrosplenial cortex lesions on spatial working memory in rats. Behavioural Brain Research, 2010, 208, 566-575.	2.2	46

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145	Cholinergic Basal Forebrain Structure Influences the Reconfiguration of White Matter Connections to Support Residual Memory in Mild Cognitive Impairment. Journal of Neuroscience, 2015, 35, 739-747.	3.6	45
146	Handedness and Musical Ability: A Study of Professional Orchestral Players, Composers, and Choir Members. Psychology of Music, 1994, 22, 148-156.	1.6	44
147	Changes in Fos expression in the rat brain after unilateral lesions of the anterior thalamic nuclei. European Journal of Neuroscience, 2002, 16, 1425-1432.	2.6	44
148	Selective disconnection of the hippocampal formation projections to the mammillary bodies produces only mild deficits on spatial memory tasks: Implications for fornix function. Hippocampus, 2011, 21, 945-957.	1.9	44
149	Dysgranular retrosplenial cortex lesions in rats disrupt cross-modal object recognition. Learning and Memory, 2014, 21, 171-179.	1.3	44
150	Fornix white matter glia damage causes hippocampal gray matter damage during age-dependent limbic decline. Scientific Reports, 2019, 9, 1060.	3.3	44
151	Distinct, parallel pathways link the medial mammillary bodies to the anterior thalamus in macaque monkeys. European Journal of Neuroscience, 2007, 26, 1575-1586.	2.6	43
152	Lack of effect of dorsomedial thalamic lesions on automated tests of spatial memory in the rat. Behavioural Brain Research, 1993, 55, 39-49.	2.2	42
153	Mapping immediateâ€early gene activity in the rat after place learning in a waterâ€maze: the importance of matched control conditions. European Journal of Neuroscience, 2008, 28, 982-996.	2.6	42
154	Complementary subicular pathways to the anterior thalamic nuclei and mammillary bodies in the rat and macaque monkey brain. European Journal of Neuroscience, 2016, 43, 1044-1061.	2.6	42
155	Stable Encoding of Visual Cues in the Mouse Retrosplenial Cortex. Cerebral Cortex, 2020, 30, 4424-4437.	2.9	42
156	Rats' processing of visual scenes: effects of lesions to fornix, anterior thalamus, mamillary nuclei or the retrohippocampal region. Behavioural Brain Research, 2001, 121, 103-117.	2.2	41
157	The origin of projections from the posterior cingulate and retrosplenial cortices to the anterior, medial dorsal and laterodorsal thalamic nuclei of macaque monkeys. European Journal of Neuroscience, 2014, 39, 107-123.	2.6	41
158	Perirhinal cortex lesions uncover subsidiary systems in the rat for the detection of novel and familiar objects. European Journal of Neuroscience, 2011, 34, 331-342.	2.6	39
159	Dissociation of recognition and recency memory judgments after anterior thalamic nuclei lesions in rats.. Behavioral Neuroscience, 2013, 127, 415-431.	1.2	39
160	The retrosplenial cortex and object recency memory in the rat. European Journal of Neuroscience, 2017, 45, 1451-1464.	2.6	39
161	Does pretraining spare the spatial deficit associated with anterior thalamic damage in rats?. Behavioral Neuroscience, 1999, 113, 956-967.	1.2	38
162	Testing the importance of the retrosplenial navigation system: lesion size but not strain matters: a reply to Harker and Whishaw. Neuroscience and Biobehavioral Reviews, 2004, 28, 525-531.	6.1	38

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163	The status of the precommissural and postcommissural fornix in normal ageing and mild cognitive impairment: An MRI tractography study. NeuroImage, 2016, 130, 35-47.	4.2	38
164	The anterior thalamic nuclei: core components of a tripartite episodic memory system. Nature Reviews Neuroscience, 2022, 23, 505-516.	10.2	38
165	Amygdaloid lesions and stimulus-reward associations in the rat. Behavioural Brain Research, 1991, 42, 57-66.	2.2	37
166	Physiological evidence for a possible projection from dorsal subiculum to hippocampal area CA1. Experimental Brain Research, 2002, 146, 155-160.	1.5	37
167	Anterior thalamic nuclei lesions in rats disrupt markers of neural plasticity in distal limbic brain regions. Neuroscience, 2012, 224, 81-101.	2.3	37
168	Perirhinal cortex lesions impair tests of object recognition memory but spare novelty detection. European Journal of Neuroscience, 2015, 42, 3117-3127.	2.6	37
169	What does spatial alternation tell us about retrosplenial cortex function?. Frontiers in Behavioral Neuroscience, 2015, 9, 126.	2.0	37
170	Space and Memory (Far) Beyond the Hippocampus: Many Subcortical Structures Also Support Cognitive Mapping and Mnemonic Processing. Frontiers in Neural Circuits, 2019, 13, 52.	2.8	37
171	Separate but interacting recognition memory systems for different senses: The role of the rat perirhinal cortex. Learning and Memory, 2011, 18, 435-443.	1.3	36
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