Larry R Squire

List of Publications by Citations

230 papers	35,695 citations	90 h-index	188 g-index
236 ext. papers	38,722 ext. citations	6.8 avg, IF	7.69 L-index

#	Paper	IF	Citations
230	Memory and the hippocampus: a synthesis from findings with rats, monkeys, and humans. *Psychological Review*, **1992**, 99, 195-231	6.3	4355
229	The medial temporal lobe. *Annual Review of Neuroscience*, **2004**, 27, 279-306	17	1983
228	Memory systems of the brain: a brief history and current perspective. *Neurobiology of Learning and Memory*, **2004**, 82, 171-7	3.1	1268
227	Protein synthesis and memory: A review.. *Psychological Bulletin*, **1984**, 96, 518-559	19.1	1209
226	Retrograde amnesia and memory consolidation: a neurobiological perspective. *Current Opinion in Neurobiology*, **1995**, 5, 169-77	7.6	985
225	Cognitive neuroscience and the study of memory. *Neuron*, **1998**, 20, 445-68	13.9	965
224	Structure and function of declarative and nondeclarative memory systems. *Proceedings of the National Academy of Sciences of the United States of America*, **1996**, 93, 13515-22	11.5	850
223	Classical conditioning and brain systems: the role of awareness. *Science*, **1998**, 280, 77-81	33.3	767
222	Recognition memory and the medial temporal lobe: a new perspective. *Nature Reviews Neuroscience*, **2007**, 8, 872-83	13.5	738
221	Spatial memory, recognition memory, and the hippocampus. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 14515-20	11.5	683
220	Declarative and nondeclarative memory: multiple brain systems supporting learning and memory. *Journal of Cognitive Neuroscience*, **1992**, 4, 232-43	3.1	641
219	The information that amnesic patients do not forget.. *Journal of Experimental Psychology: Learning Memory and Cognition*, **1984**, 10, 164-178	2.2	576
218	Impaired recognition memory in rats after damage to the hippocampus. *Journal of Neuroscience*, **2000**, 20, 8853-60	6.6	571
217	Three cases of enduring memory impairment after bilateral damage limited to the hippocampal formation. *Journal of Neuroscience*, **1996**, 16, 5233-55	6.6	570
216	Source memory impairment in patients with frontal lobe lesions. *Neuropsychologia*, **1989**, 27, 1043-56	3.2	523
215	Dentate gyrus-specific knockdown of adult neurogenesis impairs spatial and object recognition memory in adult rats. *Learning and Memory*, **2009**, 16, 147-54	2.8	478
214	The cognitive neuroscience of human memory since H.M. *Annual Review of Neuroscience*, **2011**, 34, 259-88	8.7	431

213	Cognitive impairment following frontal lobe damage and its relevance to human amnesia.. *Behavioral Neuroscience*, **1989**, 103, 548-560	2.1	421
212	Object recognition memory and the rodent hippocampus. *Learning and Memory*, **2010**, 17, 5-11	2.8	384
211	Impaired recognition memory in monkeys after damage limited to the hippocampal region. *Journal of Neuroscience*, **2000**, 20, 451-63	6.6	371
210	Recognition memory and the human hippocampus. *Neuron*, **2003**, 37, 171-80	13.9	363
209	Memory impairment in monkeys following lesions limited to the hippocampus.. *Behavioral Neuroscience*, **1986**, 100, 155-160	2.1	338
208	Episodic memory, semantic memory, and amnesia. *Hippocampus*, **1998**, 8, 205-11	3.5	326
207	Dorsal thalamic lesion in a noted case of human memory dysfunction. *Annals of Neurology*, **1979**, 6, 503-6	9.4	294
206	Memory for places learned long ago is intact after hippocampal damage. *Nature*, **1999**, 400, 675-7	50.4	283
205	Severity of memory impairment in monkeys as a function of locus and extent of damage within the medial temporal lobe memory system. *Hippocampus*, **1994**, 4, 483-95	3.5	277
204	Memory: brain systems and behavior. *Trends in Neurosciences*, **1988**, 11, 170-5	13.3	271
203	Semantic memory and the human hippocampus. *Neuron*, **2003**, 38, 127-33	13.9	266
202	Memory consolidation. *Cold Spring Harbor Perspectives in Biology*, **2015**, 7, a021766	10.2	245
201	Human amnesia and animal models of amnesia: Performance of amnesic patients on tests designed for the monkey.. *Behavioral Neuroscience*, **1988**, 102, 210-221	2.1	244
200	Intact Artificial Grammar Learning in Amnesia: Dissociation of Classification Learning and Explicit Memory for Specific Instances. *Psychological Science*, **1992**, 3, 172-179	7.9	240
199	Memory and brain systems: 1969-2009. *Journal of Neuroscience*, **2009**, 29, 12711-6	6.6	238
198	The neuroscience of remote memory. *Current Opinion in Neurobiology*, **2007**, 17, 185-96	7.6	231
197	Form-specific visual priming in the right cerebral hemisphere.. *Journal of Experimental Psychology: Learning Memory and Cognition*, **1992**, 18, 492-508	2.2	231
196	Impaired recognition memory in patients with lesions limited to the hippocampal formation.. *Behavioral Neuroscience*, **1997**, 111, 667-675	2.1	221

195	Intact verbal and nonverbal short-term memory following damage to the human hippocampus. *Hippocampus*, **1992**, 2, 151-63	3.5	217
194	The human perirhinal cortex and recognition memory. *Hippocampus*, **1998**, 8, 330-9	3.5	209
193	Working memory, long-term memory, and medial temporal lobe function. *Learning and Memory*, **2012**, 19, 15-25	2.8	208
192	The legacy of patient H.M. for neuroscience. *Neuron*, **2009**, 61, 6-9	13.9	204
191	Retrograde amnesia for facts and events: findings from four new cases. *Journal of Neuroscience*, **1998**, 18, 3943-54	6.6	203
190	The hippocampus supports both the recollection and the familiarity components of recognition memory. *Neuron*, **2006**, 49, 459-66	13.9	201
189	Amnesia in monkeys after lesions of the mediodorsal nucleus of the thalamus. *Annals of Neurology*, **1985**, 17, 558-64	9.4	200
188	Dissociation between the effects of damage to perirhinal cortex and area TE. *Learning and Memory*, **1999**, 6, 572-99	2.8	196
187	Role of the hippocampus in remembering the past and imagining the future. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 19044-8	11.5	192
186	Independence of memory functions and emotional behavior: separate contributions of the hippocampal formation and the amygdala. *Hippocampus*, **1991**, 1, 207-20	3.5	191
185	Classical conditioning, awareness, and brain systems. *Trends in Cognitive Sciences*, **2002**, 6, 524-531	14	188
184	A neuropsychological study of fact memory and source amnesia.. *Journal of Experimental Psychology: Learning Memory and Cognition*, **1987**, 13, 464-473	2.2	167
183	Recall of remote episodic memory in amnesia. *Neuropsychologia*, **1983**, 21, 487-500	3.2	167
182	Dissociable properties of memory systems: Differences in the flexibility of declarative and nondeclarative knowledge.. *Behavioral Neuroscience*, **1996**, 110, 861-871	2.1	166
181	The medial temporal lobe and the attributes of memory. *Trends in Cognitive Sciences*, **2011**, 15, 210-7	14	159
180	Hippocampus and remote spatial memory in rats. *Hippocampus*, **2005**, 15, 260-72	3.5	154
179	Strength and duration of priming effects in normal subjects and amnesic patients. *Neuropsychologia*, **1987**, 25, 195-210	3.2	153
178	Perceptual learning, awareness, and the hippocampus. *Hippocampus*, **2001**, 11, 776-82	3.5	152

177	Intact perceptual memory in the absence of conscious memory.. *Behavioral Neuroscience*, **1997**, 111, 850-854	2.1	150
176	Successful recollection of remote autobiographical memories by amnesic patients with medial temporal lobe lesions. *Neuron*, **2003**, 38, 135-44	13.9	150
175	P300 from amnesic patients with bilateral hippocampal lesions. *Electroencephalography and Clinical Neurophysiology*, **1993**, 86, 408-17		147
174	On the relationship between recall and recognition memory.. *Journal of Experimental Psychology: Learning Memory and Cognition*, **1992**, 18, 691-702	2.2	147
173	Characterizing amnesic patients for neurobehavioral study.. *Behavioral Neuroscience*, **1986**, 100, 866-877	2.1	146
172	Retrograde amnesia. *Hippocampus*, **2001**, 11, 50-5	3.5	143
171	The neuroanatomy of remote memory. *Neuron*, **2005**, 46, 799-810	13.9	140
170	Robust habit learning in the absence of awareness and independent of the medial temporal lobe. *Nature*, **2005**, 436, 550-3	50.4	140
169	Remembering and knowing: Two different expressions of declarative memory.. *Journal of Experimental Psychology: Learning Memory and Cognition*, **1995**, 21, 699-710	2.2	140
168	Intact and long-lasting repetition priming in amnesia.. *Journal of Experimental Psychology: Learning Memory and Cognition*, **1992**, 18, 509-520	2.2	138
167	Conscious and unconscious memory systems. *Cold Spring Harbor Perspectives in Biology*, **2015**, 7, a021667	10.2	132
166	Functional magnetic resonance imaging (fMRI) activity in the hippocampal region during recognition memory. *Journal of Neuroscience*, **2000**, 20, 7776-81	6.6	130
165	Anterograde amnesia and temporally graded retrograde amnesia for a nonspatial memory task after lesions of hippocampus and subiculum. *Journal of Neuroscience*, **2002**, 22, 4663-9	6.6	128
164	Equivalent impairment of spatial and nonspatial memory following damage to the human hippocampus. *Hippocampus*, **1991**, 1, 329-40	3.5	126
163	On the development of declarative memory.. *Journal of Experimental Psychology: Learning Memory and Cognition*, **1993**, 19, 397-404	2.2	124
162	Retrograde amnesia and bilateral electroconvulsive therapy. Long-term follow-up. *Archives of General Psychiatry*, **1981**, 38, 89-95		124
161	Medial entorhinal cortex lesions only partially disrupt hippocampal place cells and hippocampus-dependent place memory. *Cell Reports*, **2014**, 9, 893-901	10.6	121
160	Item memory, source memory, and the medial temporal lobe: concordant findings from fMRI and memory-impaired patients. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 9351-6	11.5	117

159	Activity in the medial temporal lobe predicts memory strength, whereas activity in the prefrontal cortex predicts recollection. *Journal of Neuroscience*, **2008**, 28, 10541-8	6.6	116
158	Rats with lesions of the hippocampus are impaired on the delayed nonmatching-to-sample task. *Hippocampus*, **2001**, 11, 176-86	3.5	116
157	Electroconvulsive therapy and complaints of memory dysfunction: a prospective three-year follow-up study. *British Journal of Psychiatry*, **1983**, 142, 1-8	5.4	115
156	Semantic knowledge in patient H.M. and other patients with bilateral medial and lateral temporal lobe lesions. *Hippocampus*, **2002**, 12, 520-33	3.5	114
155	Recognition memory for single items and for associations is similarly impaired following damage to the hippocampal region. *Learning and Memory*, **2002**, 9, 238-42	2.8	112
154	Profound amnesia after damage to the medial temporal lobe: A neuroanatomical and neuropsychological profile of patient E. P. *Journal of Neuroscience*, **2000**, 20, 7024-36	6.6	107
153	Contrasting effects on discrimination learning after hippocampal lesions and conjoint hippocampal-caudate lesions in monkeys. *Journal of Neuroscience*, **2000**, 20, 3853-63	6.6	107
152	Impaired recognition memory on the Doors and People Test after damage limited to the hippocampal region. *Hippocampus*, **1999**, 9, 495-9	3.5	105
151	Recognizing facial emotion. *Nature*, **1996**, 379, 497	50.4	105
150	Impaired priming of new associations in amnesia.. *Journal of Experimental Psychology: Learning Memory and Cognition*, **1989**, 15, 721-728	2.2	105
149	Reversible hippocampal lesions disrupt water maze performance during both recent and remote memory tests. *Learning and Memory*, **2006**, 13, 187-91	2.8	104
148	Medial temporal lobe activity during retrieval of semantic memory is related to the age of the memory. *Journal of Neuroscience*, **2009**, 29, 930-8	6.6	101
147	Working memory and the organization of brain systems. *Journal of Neuroscience*, **2008**, 28, 4818-22	6.6	95
146	Activity in both hippocampus and perirhinal cortex predicts the memory strength of subsequently remembered information. *Neuron*, **2008**, 59, 547-53	13.9	94
145	Hippocampal damage equally impairs memory for single items and memory for conjunctions. *Hippocampus*, **2003**, 13, 281-92	3.5	94
144	Simple and associative recognition memory in the hippocampal region. *Learning and Memory*, **2001**, 8, 190-7	2.8	94
143	Intact visual perception in memory-impaired patients with medial temporal lobe lesions. *Journal of Neuroscience*, **2006**, 26, 2235-40	6.6	91
142	Impaired remote spatial memory after hippocampal lesions despite extensive training beginning early in life. *Hippocampus*, **2005**, 15, 340-6	3.5	91

141	The fate of old memories after medial temporal lobe damage. *Journal of Neuroscience*, **2006**, 26, 13311-7	6.6	90
140	Medial temporal lobe amnesia: Gradual acquisition of factual information by nondeclarative memory. *Journal of Neuroscience*, **2002**, 22, 5741-8	6.6	86
139	The hippocampus and spatial memory: findings with a novel modification of the water maze. *Journal of Neuroscience*, **2007**, 27, 6647-54	6.6	84
138	Implicit learning of color-word associations using a Stroop paradigm.. *Journal of Experimental Psychology: Learning Memory and Cognition*, **1993**, 19, 789-798	2.2	84
137	Memory functions as affected by electroconvulsive therapy. *Annals of the New York Academy of Sciences*, **1986**, 462, 307-14	6.5	84
136	Quantifying medial temporal lobe damage in memory-impaired patients. *Hippocampus*, **2005**, 15, 79-85	3.5	83
135	Human Eyeblink Classical Conditioning: Effects of Manipulating Awareness of the Stimulus Contingencies. *Psychological Science*, **1999**, 10, 14-18	7.9	82
134	Description of brain injury in the amnesic patient N.A. based on magnetic resonance imaging. *Experimental Neurology*, **1989**, 105, 23-35	5.7	82
133	Trace and delay eyeblink conditioning: contrasting phenomena of declarative and nondeclarative memory. *Psychological Science*, **2001**, 12, 304-8	7.9	81
132	fMRI activity in the medial temporal lobe during recognition memory as a function of study-test interval. *Hippocampus*, **2000**, 10, 329-37	3.5	81
131	Intact working memory for relational information after medial temporal lobe damage. *Journal of Neuroscience*, **2010**, 30, 13624-9	6.6	79
130	Amnesia, memory and brain systems. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **1997**, 352, 1663-73	5.8	79
129	Experience-dependent eye movements, awareness, and hippocampus-dependent memory. *Journal of Neuroscience*, **2006**, 26, 11304-12	6.6	79
128	In search of recollection and familiarity signals in the hippocampus. *Journal of Cognitive Neuroscience*, **2010**, 22, 109-23	3.1	78
127	Neural basis of the cognitive map: path integration does not require hippocampus or entorhinal cortex. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 12034-8	11.5	77
126	The anatomy of amnesia: neurohistological analysis of three new cases. *Learning and Memory*, **2006**, 13, 699-710	2.8	77
125	Relationship between magnitude of damage to the hippocampus and impaired recognition memory in monkeys. *Hippocampus*, **2001**, 11, 92-8	3.5	77
124	Recognition memory and familiarity judgments in severe amnesia: No evidence for a contribution of repetition priming.. *Behavioral Neuroscience*, **2000**, 114, 459-467	2.1	75

123	Independence of recognition memory and priming effects: A neuropsychological analysis.. *Journal of Experimental Psychology: Learning Memory and Cognition*, **1985**, 11, 37-44	2.2	73
122	Detailed recollection of remote autobiographical memory after damage to the medial temporal lobe. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 2676-80	11.5	72
121	Declarative memory, awareness, and transitive inference. *Journal of Neuroscience*, **2005**, 25, 10138-46	6.6	72
120	Recall and recognition are equally impaired in patients with selective hippocampal damage. *Cognitive, Affective and Behavioral Neuroscience*, **2004**, 4, 58-66	3.5	71
119	Level-of-processing effects in word-completion priming: A neuropsychological study.. *Journal of Experimental Psychology: Learning Memory and Cognition*, **1996**, 22, 933-947	2.2	70
118	Measuring recollection and familiarity in the medial temporal lobe. *Hippocampus*, **2010**, 20, 1195-205	3.5	69
117	Impaired perception of facial emotions following bilateral damage to the anterior temporal lobe.. *Neuropsychology*, **2001**, 15, 30-38	3.8	68
116	On the acquisition of new declarative knowledge in amnesia.. *Behavioral Neuroscience*, **1995**, 109, 1027-1044	2.1	68
115	A reexamination of the concurrent discrimination learning task: The importance of anterior inferotemporal cortex, area TE.. *Behavioral Neuroscience*, **1998**, 112, 3-14	2.1	65
114	Lost forever or temporarily misplaced? The long debate about the nature of memory impairment. *Learning and Memory*, **2006**, 13, 522-9	2.8	64
113	Rats depend on habit memory for discrimination learning and retention. *Learning and Memory*, **2007**, 14, 145-51	2.8	64
112	Functional amnesia: clinical description and neuropsychological profile of 10 cases. *Learning and Memory*, **2004**, 11, 213-26	2.8	63
111	Intact visual perceptual discrimination in humans in the absence of perirhinal cortex. *Learning and Memory*, **2000**, 7, 273-8	2.8	62
110	Sparse and distributed coding of episodic memory in neurons of the human hippocampus. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 9621-6	11.5	59
109	The hippocampus supports both recollection and familiarity when memories are strong. *Journal of Neuroscience*, **2011**, 31, 15693-702	6.6	59
108	Learning about categories that are defined by object-like stimuli despite impaired declarative memory.. *Behavioral Neuroscience*, **1999**, 113, 411-419	2.1	59
107	Impairment of long-term memory and sparing of short-term memory in monkeys with medial temporal lobe lesions: a response to Ringo. *Behavioural Brain Research*, **1992**, 52, 1-5	3.4	59
106	Intact text-specific reading skill in amnesia.. *Journal of Experimental Psychology: Learning Memory and Cognition*, **1990**, 16, 1068-1076	2.2	59

105	Contrasting Cortical Activity Associated with Category Memory and Recognition Memory. *Learning and Memory*, **1998**, 5, 420-428	2.8	59
104	Failure to acquire new semantic knowledge in patients with large medial temporal lobe lesions. *Hippocampus*, **2005**, 15, 273-80	3.5	58
103	Intact visual discrimination of complex and feature-ambiguous stimuli in the absence of perirhinal cortex. *Learning and Memory*, **2005**, 12, 61-6	2.8	58
102	Awareness predicts the magnitude of single-cue trace eyeblink conditioning. *Hippocampus*, **2000**, 10, 181-6	3.5	58
101	THE NEUROLOGY OF MEMORY: THE CASE FOR CORRESPONDENCE BETWEEN THE FINDINGS FOR HUMAN AND NONHUMAN PRIMATE **1983**, 199-268		57
100	Spatial memory and the human hippocampus. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 2961-6	11.5	56
99	The role of the human hippocampus in familiarity-based and recollection-based recognition memory. *Behavioural Brain Research*, **2010**, 215, 197-208	3.4	55
98	Long-term memory in amnesia: Cued recall, recognition memory, and confidence ratings.. *Journal of Experimental Psychology: Learning Memory and Cognition*, **1988**, 14, 763-770	2.2	55
97	Comparison of explicit and incidental learning strategies in memory-impaired patients. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 475-9	11.5	54
96	An animal model of recognition memory and medial temporal lobe amnesia: history and current issues. *Neuropsychologia*, **2010**, 48, 2234-44	3.2	54
95	Parallel acquisition of awareness and trace eyeblink classical conditioning. *Learning and Memory*, **2000**, 7, 267-72	2.8	54
94	Memory, scene construction, and the human hippocampus. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 4767-72	11.5	52
93	Visual working memory capacity and the medial temporal lobe. *Journal of Neuroscience*, **2012**, 32, 3584-9	6.6	52
92	Nonverbal priming in amnesia. *Memory and Cognition*, **1992**, 20, 441-8	2.2	50
91	Contrasting effects on path integration after hippocampal damage in humans and rats. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 4732-7	11.5	49
90	The role of the hippocampus in retaining relational information across short delays: the importance of memory load. *Learning and Memory*, **2011**, 18, 301-5	2.8	48
89	Similarity in form and function of the hippocampus in rodents, monkeys, and humans. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110 Suppl 2, 10365-70	11.5	47
88	Memory, visual discrimination performance, and the human hippocampus. *Journal of Neuroscience*, **2011**, 31, 2624-9	6.6	47

87	Impaired transverse patterning in human amnesia is a special case of impaired memory for two-choice discrimination tasks.. *Behavioral Neuroscience*, **1999**, 113, 3-9	2.1	47
86	A demonstration that the hippocampus supports both recollection and familiarity. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 344-8	11.5	46
85	Acquisition of differential delay eyeblink classical conditioning is independent of awareness. *Behavioral Neuroscience*, **2005**, 119, 78-86	2.1	46
84	Autobiographical memory and amnesia. *Cognitive, Affective and Behavioral Neuroscience*, **1989**, 17, 247-256		46
83	Experience-dependent eye movements reflect hippocampus-dependent (aware) memory. *Journal of Neuroscience*, **2008**, 28, 12825-33	6.6	45
82	A stable impairment in remote memory following electroconvulsive therapy. *Neuropsychologia*, **1975**, 13, 51-8	3.2	45
81	When amnesic patients perform well on recognition memory tests.. *Behavioral Neuroscience*, **1997**, 111, 1163-1170	2.1	44
80	Intact performance on feature-ambiguous discriminations in rats with lesions of the perirhinal cortex. *Neuron*, **2011**, 70, 132-40	13.9	43
79	Single-item memory, associative memory, and the human hippocampus. *Learning and Memory*, **2006** , 13, 644-9	2.8	42
78	Memory and the Hippocampus **1989**, 208-239		42
77	Human amnesia and the medial temporal lobe illuminated by neuropsychological and neurohistological findings for patient E.P. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, E1953-62	11.5	40
76	Single-cue delay eyeblink conditioning is unrelated to awareness. *Cognitive, Affective and Behavioral Neuroscience*, **2001**, 1, 192-8	3.5	39
75	Impaired auditory recognition memory in amnesic patients with medial temporal lobe lesions. *Learning and Memory*, **2001**, 8, 252-6	2.8	39
74	Preserved learning and memory in amnesia: Intact adaptation-level effects and learning of stereoscopic depth.. *Behavioral Neuroscience*, **1989**, 103, 538-547	2.1	39
73	Learning and remembering real-world events after medial temporal lobe damage. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 13480-13485	11.5	36
72	New semantic learning in patients with large medial temporal lobe lesions. *Hippocampus*, **2008**, 18, 575-583	3.5	35
71	Detection and explanation of sentence ambiguity are unaffected by hippocampal lesions but are impaired by larger temporal lobe lesions. *Hippocampus*, **2000**, 10, 759-70	3.5	33
70	When recognition memory is independent of hippocampal function. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 9935-40	11.5	32

69	Impaired visual and odor recognition memory span in patients with hippocampal lesions. *Learning and Memory*, **2003**, 10, 531-6	2.8	32
68	Autobiographical memory, future imagining, and the medial temporal lobe. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 13474-13479	11.5	30
67	Perceptual thresholds and priming in amnesia.. *Neuropsychology*, **1995**, 9, 3-15	3.8	30
66	Medial temporal lobe activity can distinguish between old and new stimuli independently of overt behavioral choice. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 14617-21	11.5	29
65	Visual discrimination performance, memory, and medial temporal lobe function. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 13106-11	11.5	29
64	Recognition memory and the hippocampus: A test of the hippocampal contribution to recollection and familiarity. *Learning and Memory*, **2010**, 17, 63-70	2.8	28
63	Medial temporal lobe function and recognition memory: a novel approach to separating the contribution of recollection and familiarity. *Journal of Neuroscience*, **2011**, 31, 16026-32	6.6	28
62	Hippocampal lesions: reconciling the findings in rodents and man. *Behavioral and Brain Sciences*, **1979**, 2, 345-346	0.9	28
61	Impaired odor recognition memory in patients with hippocampal lesions. *Learning and Memory*, **2004**, 11, 794-6	2.8	27
60	Diminution of anterograde amnesia following electroconvulsive therapy. *British Journal of Psychiatry*, **1974**, 125, 490-5	5.4	27
59	Intact priming for novel perceptual representations in amnesia. *Journal of Cognitive Neuroscience*, **1997**, 9, 699-713	3.1	26
58	Neural correlates of knowledge: stable representation of stimulus associations across variations in behavioral performance. *Neuron*, **2005**, 48, 359-71	13.9	25
57	The hippocampus, memory, and space. *Hippocampus*, **1991**, 1, 269-71	3.5	24
56	Hippocampal area CA1 and remote memory in rats. *Learning and Memory*, **2017**, 24, 563-568	2.8	23
55	Coding of episodic memory in the human hippocampus. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 1093-1098	11.5	23
54	Impaired capacity for familiarity after hippocampal damage. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 9655-60	11.5	23
53	Specifying the defect in human amnesia: storage, retrieval and semantics. *Neuropsychologia*, **1980**, 18, 369-72	3.2	23
52	Different nonlinear functions in hippocampus and perirhinal cortex relating functional MRI activity to memory strength. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 5783-8	11.5	22

51	Losing memories overnight: a unique form of human amnesia. *Neuropsychologia*, **2010**, 48, 2833-40	3.2	21
50	Hippocampal damage impairs recognition memory broadly, affecting both parameters in two prominent models of memory. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 6577-82	11.5	19
49	Recognition without awareness: an elusive phenomenon. *Learning and Memory*, **2010**, 17, 454-9	2.8	19
48	Distinct roles of hippocampus and medial prefrontal cortex in spatial and nonspatial memory. *Hippocampus*, **2016**, 26, 1515-1524	3.5	18
47	The nature of anterograde and retrograde memory impairment after damage to the medial temporal lobe. *Neuropsychologia*, **2013**, 51, 2709-14	3.2	18
46	Functional distinctions within the medical temporal lobe memory system: What is the evidence?. *Behavioral and Brain Sciences*, **1994**, 17, 495-496	0.9	18
45	Neuroscience. Rapid consolidation. *Science*, **2007**, 316, 57-8	33.3	17
44	A pencil rescues impaired performance on a visual discrimination task in patients with medial temporal lobe lesions. *Learning and Memory*, **2013**, 20, 607-10	2.8	16
43	Cycloheximide affects memory within minutes after the onset of training. *Nature*, **1973**, 242, 201-2	50.4	16
42	Intact priming of words and nonwords in amnesia. *Cognitive, Affective and Behavioral Neuroscience*, **1991**, 19, 275-285		16
41	Memory for relations in the short term and the long term after medial temporal lobe damage. *Hippocampus*, **2017**, 27, 608-612	3.5	15
40	Strength and duration of word-completion priming as a function of word repetition and spacing. *Bulletin of the Psychonomic Society*, **1990**, 28, 97-100		14
39	Hippocampus, perirhinal cortex, and complex visual discriminations in rats and humans. *Learning and Memory*, **2015**, 22, 83-91	2.8	13
38	Map reading, navigating from maps, and the medial temporal lobe. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 14289-14293	11.5	12
37	Sparing of spatial mental imagery in patients with hippocampal lesions. *Learning and Memory*, **2013**, 20, 657-63	2.8	12
36	Sustained dorsal hippocampal activity is not obligatory for either the maintenance or retrieval of long-term spatial memory. *Hippocampus*, **2010**, 20, 1366-75	3.5	12
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