

# Neil Burgess

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

153  
papers

23,524  
citations

74  
h-index

153  
g-index

159  
ext. papers

27,064  
ext. citations

9  
avg, IF

7.32  
L-index

#	Paper	IF	Citations
153	Location-dependent threat and associated neural abnormalities in clinical anxiety. <i>Communications Biology</i> , <b>2021</b> , 4, 1263	6.7	
152	A model of head direction and landmark coding in complex environments. <i>PLoS Computational Biology</i> , <b>2021</b> , 17, e1009434	5	3
151	Neuroimaging correlates of false memory in 'Alzheimer's disease: A preliminary systematic review. <i>Psychiatry Research - Neuroimaging</i> , <b>2020</b> , 296, 111021	2.9	4
150	A general model of hippocampal and dorsal striatal learning and decision making. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 31427-31437	11.5	12
149	Neuronal vector coding in spatial cognition. <i>Nature Reviews Neuroscience</i> , <b>2020</b> , 21, 453-470	13.5	34
148	Huntington's disease patients display progressive deficits in hippocampal-dependent cognition during a task of spatial memory. <i>Cortex</i> , <b>2019</b> , 119, 417-427	3.8	12
147	Differentiation of mild cognitive impairment using an entorhinal cortex-based test of virtual reality navigation. <i>Brain</i> , <b>2019</b> , 142, 1751-1766	11.2	70
146	A neural-level model of spatial memory and imagery. <i>ELife</i> , <b>2018</b> , 7,	8.9	70
145	Spatial cell firing during virtual navigation of open arenas by head-restrained mice. <i>ELife</i> , <b>2018</b> , 7,	8.9	28
144	Negative emotional content disrupts the coherence of episodic memories. <i>Journal of Experimental Psychology: General</i> , <b>2018</b> , 147, 243-256	4.7	40
143	Human hippocampal theta power indicates movement onset and distance travelled. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 12297-12302	11.5	51
142	Differential effects of negative emotion on memory for items and associations, and their relationship to intrusive imagery. <i>Current Opinion in Behavioral Sciences</i> , <b>2017</b> , 17, 124-132	4	33
141	Modulating medial septal cholinergic activity reduces medial entorhinal theta frequency without affecting speed or grid coding. <i>Scientific Reports</i> , <b>2017</b> , 7, 14573	4.9	21
140	Medial Prefrontal-Medial Temporal Theta Phase Coupling in Dynamic Spatial Imagery. <i>Journal of Cognitive Neuroscience</i> , <b>2017</b> , 29, 507-519	3.1	22
139	The Neural Representation of Prospective Choice during Spatial Planning and Decisions. <i>PLoS Biology</i> , <b>2017</b> , 15, e1002588	9.7	43
138	Environmental Anchoring of Head Direction in a Computational Model of Retrosplenial Cortex. <i>Journal of Neuroscience</i> , <b>2016</b> , 36, 11601-11618	6.6	43
137	Ventromedial prefrontal cortex, adding value to autobiographical memories. <i>Scientific Reports</i> , <b>2016</b> , 6, 28630	4.9	18

136	The 4 Mountains Test: A Short Test of Spatial Memory with High Sensitivity for the Diagnosis of Pre-dementia Alzheimer's Disease. <i>Journal of Visualized Experiments</i> , <b>2016</b> ,	1.6	20
135	How environment and self-motion combine in neural representations of space. <i>Journal of Physiology</i> , <b>2016</b> , 594, 6535-6546	3.9	28
134	Hippocampal Attractor Dynamics Predict Memory-Based Decision Making. <i>Current Biology</i> , <b>2016</b> , 26, 1750-1757	6.3	21
133	Opposing effects of negative emotion on amygdalar and hippocampal memory for items and associations. <i>Social Cognitive and Affective Neuroscience</i> , <b>2016</b> , 11, 981-90	4	52
132	Grid-like Processing of Imagined Navigation. <i>Current Biology</i> , <b>2016</b> , 26, 842-7	6.3	94
131	How vision and self-motion combine or compete during path reproduction changes with age. <i>Scientific Reports</i> , <b>2016</b> , 6, 29163	4.9	26
130	Disrupting the Grid Cells' Need for Speed. <i>Neuron</i> , <b>2016</b> , 91, 502-3	13.9	
129	The role of spatial boundaries in shaping long-term event representations. <i>Cognition</i> , <b>2016</b> , 154, 151-164	5.5	77
128	Grid cells form a global representation of connected environments. <i>Current Biology</i> , <b>2015</b> , 25, 1176-82	6.3	74
127	Evidence for holistic episodic recollection via hippocampal pattern completion. <i>Nature Communications</i> , <b>2015</b> , 6, 7462	17.4	145
126	Interaction Between Hippocampus and Cerebellum Crus I in Sequence-Based but not Place-Based Navigation. <i>Cerebral Cortex</i> , <b>2015</b> , 25, 4146-54	5.1	71
125	How cumulative error in grid cell firing is literally bounded by the environment. <i>Neuron</i> , <b>2015</b> , 86, 607-9	13.9	1
124	Hippocampal Volume Reduction in Humans Predicts Impaired Allocentric Spatial Memory in Virtual-Reality Navigation. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 14123-31	6.6	51
123	Consolidation of Complex Events via Reinstatement in Posterior Cingulate Cortex. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 14426-34	6.6	83
122	Using Grid Cells for Navigation. <i>Neuron</i> , <b>2015</b> , 87, 507-20	13.9	120
121	The Cognitive Architecture of Spatial Navigation: Hippocampal and Striatal Contributions. <i>Neuron</i> , <b>2015</b> , 88, 64-77	13.9	111
120	Extinction learning is slower, weaker and less context specific after alcohol. <i>Neurobiology of Learning and Memory</i> , <b>2015</b> , 125, 55-62	3.1	9
119	Medial Prefrontal Cortex: Adding Value to Imagined Scenarios. <i>Journal of Cognitive Neuroscience</i> , <b>2015</b> , 27, 1957-67	3.1	23

118	Human hippocampal processing of environmental novelty during spatial navigation. <i>Hippocampus</i> , <b>2014</b> , 24, 740-50	3.5	37
117	Boundary coding in the rat subiculum. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 369, 20120514	5.8	53
116	Space in the brain: how the hippocampal formation supports spatial cognition. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 369, 20120510	5.8	271
115	What do grid cells contribute to place cell firing?. <i>Trends in Neurosciences</i> , <b>2014</b> , 37, 136-45	13.3	80
114	Controlling phase noise in oscillatory interference models of grid cell firing. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 6224-32	6.6	12
113	Neural mechanisms of self-location. <i>Current Biology</i> , <b>2014</b> , 24, R330-9	6.3	99
112	Pattern completion in multielement event engrams. <i>Current Biology</i> , <b>2014</b> , 24, 988-92	6.3	50
111	Peripheral inflammation acutely impairs human spatial memory via actions on medial temporal lobe glucose metabolism. <i>Biological Psychiatry</i> , <b>2014</b> , 76, 585-93	7.9	90
110	Contextualisation in the revised dual representation theory of PTSD: a response to Pearson and colleagues. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , <b>2014</b> , 45, 217-9	2.6	29
109	Are new place representations independent of theta and path integration?. <i>Neuron</i> , <b>2014</b> , 82, 721-2	13.9	1
108	Examining the role of the temporo-parietal network in memory, imagery, and viewpoint transformations. <i>Frontiers in Human Neuroscience</i> , <b>2014</b> , 8, 709	3.3	35
107	The 2014 Nobel Prize in Physiology or Medicine: a spatial model for cognitive neuroscience. <i>Neuron</i> , <b>2014</b> , 84, 1120-5	13.9	34
106	Medial prefrontal theta phase coupling during spatial memory retrieval. <i>Hippocampus</i> , <b>2014</b> , 24, 656-65	3.5	70
105	Theta phase precession of grid and place cell firing in open environments. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 369, 20120532	5.8	52
104	Optimal configurations of spatial scale for grid cell firing under noise and uncertainty. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 369, 20130290	5.8	20
103	A hybrid oscillatory interference/continuous attractor network model of grid cell firing. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 5065-79	6.6	86
102	The Function of Oscillations in the Hippocampal Formation <b>2014</b> , 303-350		4
101	Specific evidence of low-dimensional continuous attractor dynamics in grid cells. <i>Nature Neuroscience</i> , <b>2013</b> , 16, 1077-84	25.5	163

100	How vision and movement combine in the hippocampal place code. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 378-83	11.5	208
99	Evidence for encoding versus retrieval scheduling in the hippocampus by theta phase and acetylcholine. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 8689-704	6.6	82
98	Novelty and anxiolytic drugs dissociate two components of hippocampal theta in behaving rats. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 8650-67	6.6	59
97	Negative affect impairs associative memory but not item memory. <i>Learning and Memory</i> , <b>2013</b> , 21, 21-7	2.8	66
96	Forward and backward inference in spatial cognition. <i>PLoS Computational Biology</i> , <b>2013</b> , 9, e1003383	5	51
95	The associative structure of memory for multi-element events. <i>Journal of Experimental Psychology: General</i> , <b>2013</b> , 142, 1370-83	4.7	50
94	Imagining being somewhere else: neural basis of changing perspective in space. <i>Cerebral Cortex</i> , <b>2012</b> , 22, 166-74	5.1	96
93	Neural representations of location composed of spatially periodic bands. <i>Science</i> , <b>2012</b> , 337, 853-7	33.3	109
92	The virtues of youth and maturity (in dentate granule cells). <i>Cell</i> , <b>2012</b> , 149, 18-20	56.2	3
91	Models of grid cells and theta oscillations. <i>Nature</i> , <b>2012</b> , 488, E1-2; discussion E2-3	50.4	32
90	Movement-related theta rhythm in humans: coordinating self-directed hippocampal learning. <i>PLoS Biology</i> , <b>2012</b> , 10, e1001267	9.7	94
89	From cells to systems: grids and boundaries in spatial memory. <i>Neuroscientist</i> , <b>2012</b> , 18, 556-66	7.6	8
88	The hippocampus and spatial constraints on mental imagery. <i>Frontiers in Human Neuroscience</i> , <b>2012</b> , 6, 142	3.3	16
87	Grid cell firing patterns signal environmental novelty by expansion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 17687-92	11.5	131
86	Temporal Neuronal Oscillations can Produce Spatial Phase Codes <b>2011</b> , 59-69		5
85	Models of place and grid cell firing and theta rhythmicity. <i>Current Opinion in Neurobiology</i> , <b>2011</b> , 21, 734-46		117
84	Effects of pre-experimental knowledge on recognition memory. <i>Learning and Memory</i> , <b>2011</b> , 18, 11-4	2.8	12
83	Anterior hippocampus and goal-directed spatial decision making. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 4613-21	3.2	99

82	Visual influence on path integration in darkness indicates a multimodal representation of large-scale space. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 1152-7	11.5	69
81	Evidence for grid cells in a human memory network. <i>Nature</i> , <b>2010</b> , 463, 657-61	50.4	691
80	The role of landmarks and boundaries in the development of spatial memory. <i>Developmental Science</i> , <b>2010</b> , 13, 170-80	4.5	79
79	Lateralized human hippocampal activity predicts navigation based on sequence or place memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 14466-71	11.5	193
78	Establishing the boundaries: the hippocampal contribution to imagining scenes. <i>Journal of Neuroscience</i> , <b>2010</b> , 30, 11688-95	6.6	77
77	Intrusive images in psychological disorders: characteristics, neural mechanisms, and treatment implications. <i>Psychological Review</i> , <b>2010</b> , 117, 210-32	6.3	713
76	Acute effects of alcohol on intrusive memory development and viewpoint dependence in spatial memory support a dual representation model. <i>Biological Psychiatry</i> , <b>2010</b> , 68, 280-6	7.9	44
75	Development of the hippocampal cognitive map in preweanling rats. <i>Science</i> , <b>2010</b> , 328, 1573-6	33.3	686
74	Topographical short-term memory differentiates Alzheimer's disease from frontotemporal lobar degeneration. <i>Hippocampus</i> , <b>2010</b> , 20, 1154-69	3.5	83
73	Lost and found: bespoke memory testing for Alzheimer's disease and semantic dementia. <i>Journal of Alzheimer's Disease</i> , <b>2010</b> , 21, 1347-65	4.3	65
72	Brain oscillations and memory. <i>Current Opinion in Neurobiology</i> , <b>2010</b> , 20, 143-9	7.6	222
71	Environmental novelty elicits a later theta phase of firing in CA1 but not subiculum. <i>Hippocampus</i> , <b>2010</b> , 20, 229-34	3.5	45
70	Boundary vector cells in the subiculum of the hippocampal formation. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 9771-7	6.6	474
69	Neural bases of autobiographical support for episodic recollection of faces. <i>Hippocampus</i> , <b>2009</b> , 19, 718-30	3.9	48
68	Hippocampal theta frequency, novelty, and behavior. <i>Hippocampus</i> , <b>2009</b> , 19, 409-410	3.5	11
67	Slave to the rhythm: Experimental tests of a model for verbal short-term memory and long-term sequence learning. <i>Journal of Memory and Language</i> , <b>2009</b> , 61, 97-111	3.8	28
66	The hippocampus and memory: insights from spatial processing. <i>Nature Reviews Neuroscience</i> , <b>2008</b> , 9, 182-94	13.5	693
65	Children reorient using the left/right sense of coloured landmarks at 18-24 months. <i>Cognition</i> , <b>2008</b> , 106, 519-27	3.5	40

64	The hippocampus supports recognition memory for familiar words but not unfamiliar faces. <i>Current Biology</i> , <b>2008</b> , 18, 1932-6	6.3	44
63	Frontal eye fields involved in shifting frame of reference within working memory for scenes. <i>Neuropsychologia</i> , <b>2008</b> , 46, 399-408	3.2	52
62	Impaired memory for scenes but not faces in developmental hippocampal amnesia: a case study. <i>Neuropsychologia</i> , <b>2008</b> , 46, 1050-9	3.2	44
61	Distinct error-correcting and incidental learning of location relative to landmarks and boundaries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 5909-14	11.5	210
60	Parallel striatal and hippocampal systems for landmarks and boundaries in spatial memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 5915-20	11.5	392
59	Environmental novelty is signaled by reduction of the hippocampal theta frequency. <i>Hippocampus</i> , <b>2008</b> , 18, 340-8	3.5	130
58	Grid cells and theta as oscillatory interference: electrophysiological data from freely moving rats. <i>Hippocampus</i> , <b>2008</b> , 18, 1175-85	3.5	143
57	Grid cells and theta as oscillatory interference: theory and predictions. <i>Hippocampus</i> , <b>2008</b> , 18, 1157-74	3.5	198
56	Spatial cognition and the brain. <i>Annals of the New York Academy of Sciences</i> , <b>2008</b> , 1124, 77-97	6.5	360
55	Remembering the past and imagining the future: a neural model of spatial memory and imagery. <i>Psychological Review</i> , <b>2007</b> , 114, 340-75	6.3	647
54	The hippocampus is required for short-term topographical memory in humans. <i>Hippocampus</i> , <b>2007</b> , 17, 34-48	3.5	247
53	Learning in a geometric model of place cell firing. <i>Hippocampus</i> , <b>2007</b> , 17, 786-800	3.5	37
52	An oscillatory interference model of grid cell firing. <i>Hippocampus</i> , <b>2007</b> , 17, 801-12	3.5	524
51	Experience-dependent rescaling of entorhinal grids. <i>Nature Neuroscience</i> , <b>2007</b> , 10, 682-4	25.5	396
50	A revised model of short-term memory and long-term learning of verbal sequences. <i>Journal of Memory and Language</i> , <b>2006</b> , 55, 627-652	3.8	189
49	Differential developmental trajectories for egocentric, environmental and intrinsic frames of reference in spatial memory. <i>Cognition</i> , <b>2006</b> , 101, 153-72	3.5	123
48	The boundary vector cell model of place cell firing and spatial memory. <i>Reviews in the Neurosciences</i> , <b>2006</b> , 17, 71-97	4.7	233
47	Doing the right thing: a common neural circuit for appropriate violent or compassionate behavior. <i>NeuroImage</i> , <b>2006</b> , 30, 1069-76	7.9	68

46	Parallel memory systems for talking about location and age in precuneus, caudate and Broca's region. <i>NeuroImage</i> , <b>2006</b> , 32, 1850-64	7.9	81
45	A metric for the cognitive map: found at last?. <i>Trends in Cognitive Sciences</i> , <b>2006</b> , 10, 1-3	14	73
44	Spatial memory: how egocentric and allocentric combine. <i>Trends in Cognitive Sciences</i> , <b>2006</b> , 10, 551-7	14	517
43	Anterior prefrontal involvement in episodic retrieval reflects contextual interference. <i>NeuroImage</i> , <b>2005</b> , 28, 256-67	7.9	40
42	Computational models of working memory: putting long-term memory into context. <i>Trends in Cognitive Sciences</i> , <b>2005</b> , 9, 535-41	14	100
41	Complementary memory systems: competition, cooperation and compensation. <i>Trends in Neurosciences</i> , <b>2005</b> , 28, 169-70	13.3	66
40	Attractor dynamics in the hippocampal representation of the local environment. <i>Science</i> , <b>2005</b> , 308, 873-5	5.3	455
39	Characterizing multiple independent behavioral correlates of cell firing in freely moving animals. <i>Hippocampus</i> , <b>2005</b> , 15, 149-53	3.5	31
38	Dual phase and rate coding in hippocampal place cells: theoretical significance and relationship to entorhinal grid cells. <i>Hippocampus</i> , <b>2005</b> , 15, 853-66	3.5	590
37	Theta-modulated place-by-direction cells in the hippocampal formation in the rat. <i>Journal of Neuroscience</i> , <b>2004</b> , 24, 8265-77	6.6	121
36	Geometric determinants of human spatial memory. <i>Cognition</i> , <b>2004</b> , 94, 39-75	3.5	117
35	Orientalional manoeuvres in the dark: dissociating allocentric and egocentric influences on spatial memory. <i>Cognition</i> , <b>2004</b> , 94, 149-66	3.5	111
34	The hippocampal role in spatial memory and the familiarity--recollection distinction: a case study. <i>Neuropsychology</i> , <b>2004</b> , 18, 405-17	3.8	68
33	Selective interference with verbal short-term memory for serial order information: a new paradigm and tests of a timing-signal hypothesis. <i>Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology</i> , <b>2003</b> , 56, 1307-34		73
32	Navigation expertise and the human hippocampus: a structural brain imaging analysis. <i>Hippocampus</i> , <b>2003</b> , 13, 250-9	3.5	252
31	Independent rate and temporal coding in hippocampal pyramidal cells. <i>Nature</i> , <b>2003</b> , 425, 828-32	50.4	427
30	Neural representations in human spatial memory. <i>Trends in Cognitive Sciences</i> , <b>2003</b> , 7, 517-9	14	26
29	The well-worn route and the path less traveled: distinct neural bases of route following and wayfinding in humans. <i>Neuron</i> , <b>2003</b> , 37, 877-88	13.9	658



28	Human hippocampus and viewpoint dependence in spatial memory. <i>Hippocampus</i> , <b>2002</b> , 12, 811-20	3.5	219
27	What can the hippocampal representation of environmental geometry tell us about Hebbian learning?. <i>Biological Cybernetics</i> , <b>2002</b> , 87, 356-72	2.8	29
26	Long-term plasticity in hippocampal place-cell representation of environmental geometry. <i>Nature</i> , <b>2002</b> , 416, 90-4	50.4	335
25	The hippocampus, space, and viewpoints in episodic memory. <i>Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology</i> , <b>2002</b> , 55, 1057-80		93
24	Neurodevelopmental aspects of spatial navigation: a virtual reality fMRI study. <i>NeuroImage</i> , <b>2002</b> , 15, 396-406	7.9	93
23	The human hippocampus and spatial and episodic memory. <i>Neuron</i> , <b>2002</b> , 35, 625-41	13.9	1612
22	Unilateral temporal lobectomy patients show lateralized topographical and episodic memory deficits in a virtual town. <i>Brain</i> , <b>2001</b> , 124, 2476-89	11.2	228
21	Bilateral hippocampal pathology impairs topographical and episodic memory but not visual pattern matching. <i>Hippocampus</i> , <b>2001</b> , 11, 715-25	3.5	166
20	Hippocampal amnesia. <i>Neurocase</i> , <b>2001</b> , 7, 357-82	0.8	212
19	A temporoparietal and prefrontal network for retrieving the spatial context of lifelike events. <i>NeuroImage</i> , <b>2001</b> , 14, 439-53	7.9	404
18	Modeling place fields in terms of the cortical inputs to the hippocampus. <i>Hippocampus</i> , <b>2000</b> , 10, 369-79	3.5	278
17	Recoding, storage, rehearsal and grouping in verbal short-term memory: an fMRI study. <i>Neuropsychologia</i> , <b>2000</b> , 38, 426-40	3.2	274
16	Predictions derived from modelling the hippocampal role in navigation. <i>Biological Cybernetics</i> , <b>2000</b> , 83, 301-12	2.8	123
15	Human spatial navigation: cognitive maps, sexual dimorphism, and neural substrates. <i>Current Opinion in Neurobiology</i> , <b>1999</b> , 9, 171-7	7.6	239
14	Theta activity, virtual navigation and the human hippocampus. <i>Trends in Cognitive Sciences</i> , <b>1999</b> , 3, 403-406	4.6	67
13	Knowing where and getting there: a human navigation network. <i>Science</i> , <b>1998</b> , 280, 921-4	33.3	1018
12	Knowing where things are parahippocampal involvement in encoding object locations in virtual large-scale space. <i>Journal of Cognitive Neuroscience</i> , <b>1998</b> , 10, 61-76	3.1	319
11	Using a Mobile Robot to Test a Model of the Rat Hippocampus. <i>Connection Science</i> , <b>1998</b> , 10, 291-300	2.8	45

10	Introduction to What are the parietal and hippocampal contributions to spatial cognition?, the proceedings of a Discussion held at The Royal Society. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>1997</b> , 352, 1397-1399	5.8	3
9	Directional control of hippocampal place fields. <i>Experimental Brain Research</i> , <b>1997</b> , 117, 131-42	2.3	73
8	Neuronal computations underlying the firing of place cells and their role in navigation. <i>Hippocampus</i> , <b>1996</b> , 6, 749-62	3.5	217
7	Geometric determinants of the place fields of hippocampal neurons. <i>Nature</i> , <b>1996</b> , 381, 425-8	50.4	828
6	A constructive algorithm that converges for real-valued input patterns. <i>International Journal of Neural Systems</i> , <b>1994</b> , 5, 59-66	6.2	37
5	A model of hippocampal function. <i>Neural Networks</i> , <b>1994</b> , 7, 1065-1081	9.1	288
4	Toward a network model of the articulatory loop*1. <i>Journal of Memory and Language</i> , <b>1992</b> , 31, 429-460	3.8	274
3	Neural network models of list learning		2
2	Environmental anchoring of grid-like representations minimizes spatial uncertainty during navigation		1
1	To be a Grid Cell: Shuffling procedures for determining "Gridness"		9