

# Shane O'Mara

## List of Publications by Year in descending order

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142  
papers

6,483  
citations

76196

40  
h-index

76769

74  
g-index

158  
all docs

158  
docs citations

158  
times ranked

7590  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aerobic exercise improves hippocampal function and increases BDNF in the serum of young adult males. <i>Physiology and Behavior</i> , 2011, 104, 934-941.	1.0	404
2	Hippocampal anterior thalamic pathways for memory: uncovering a network of direct and indirect actions. <i>European Journal of Neuroscience</i> , 2010, 31, 2292-2307.	1.2	384
3	The anterior thalamus provides a subcortical circuit supporting memory and spatial navigation. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 45.	1.2	258
4	View-responsive neurons in the primate hippocampal complex. <i>Hippocampus</i> , 1995, 5, 409-424.	0.9	241
5	The subiculum: a review of form, physiology and function. <i>Progress in Neurobiology</i> , 2001, 64, 129-155.	2.8	233
6	Lipopolysaccharide causes deficits in spatial learning in the watermaze but not in BDNF expression in the rat dentate gyrus. <i>Behavioural Brain Research</i> , 2001, 124, 47-54.	1.2	214
7	The subiculum: what it does, what it might do, and what neuroanatomy has yet to tell us. <i>Journal of Anatomy</i> , 2005, 207, 271-282.	0.9	207
8	Spatially selective firing properties of hippocampal formation neurons in rodents and primates. <i>Progress in Neurobiology</i> , 1995, 45, 253-274.	2.8	166
9	Dose-dependent expression of claudin-5 is a modifying factor in schizophrenia. <i>Molecular Psychiatry</i> , 2018, 23, 2156-2166.	4.1	148
10	Impact of enriched-environment housing on brain-derived neurotrophic factor and on cognitive performance after a transient global ischemia. <i>Behavioural Brain Research</i> , 2004, 152, 231-241.	1.2	143
11	Individual differences discriminate event-related potentials but not performance during response inhibition. <i>Experimental Brain Research</i> , 2005, 160, 60-70.	0.7	135
12	Evidence for a Specific Defect in Hippocampal Memory in Overt and Subclinical Hypothyroidism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 3789-3797.	1.8	131
13	Impaired capacity for auto-noetic reliving during autobiographical event recall in mild Alzheimer's disease. <i>Cortex</i> , 2011, 47, 236-249.	1.1	127
14	Roles for the subiculum in spatial information processing, memory, motivation and the temporal control of behaviour. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 782-790.	2.5	115
15	The polyunsaturated fatty acids, EPA and DPA exert a protective effect in the hippocampus of the aged rat. <i>Neurobiology of Aging</i> , 2011, 32, 2318.e1-2318.e15.	1.5	107
16	Theta-Modulated Head Direction Cells in the Rat Anterior Thalamus. <i>Journal of Neuroscience</i> , 2011, 31, 9489-9502.	1.7	107
17	Metabotropic glutamate receptor-induced homosynaptic long-term depression and depotentiation in the dentate gyrus of the rat hippocampus in vitro. <i>Neuropharmacology</i> , 1995, 34, 983-989.	2.0	99
18	Nucleus reuniens of the thalamus contains head direction cells. <i>eLife</i> , 2014, 3, .	2.8	91

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19	Exercise, but not environmental enrichment, improves learning after kainic acid-induced hippocampal neurodegeneration in association with an increase in brain-derived neurotrophic factor. <i>Behavioural Brain Research</i> , 2005, 159, 21-26.	1.2	90
20	Hippocampal Volume Is Decreased in Adults with Hypothyroidism. <i>Thyroid</i> , 2014, 24, 433-440.	2.4	87
21	Deficits in spatial learning and synaptic plasticity induced by the rapid and competitive broad-spectrum cyclooxygenase inhibitor ibuprofen are reversed by increasing endogenous brain-derived neurotrophic factor. <i>European Journal of Neuroscience</i> , 2003, 17, 2438-2446.	1.2	86
22	Evidence for spatially-responsive neurons in the rostral thalamus. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 256.	1.0	85
23	Post-treatment, but not pre-treatment, with the selective cyclooxygenase-2 inhibitor celecoxib markedly enhances functional recovery from kainic acid-induced neurodegeneration. <i>Neuroscience</i> , 2004, 125, 317-327.	1.1	84
24	Long-term potentiation and spatial learning are associated with increased phosphorylation of TrkB and extracellular signal-regulated kinase (ERK) in the dentate gyrus: Evidence for a role for brain-derived neurotrophic factor. <i>Behavioral Neuroscience</i> , 2002, 116, 455-463.	0.6	81
25	Parallel but separate inputs from limbic cortices to the mammillary bodies and anterior thalamic nuclei in the rat. <i>Journal of Comparative Neurology</i> , 2010, 518, 2334-2354.	0.9	80
26	Controlling hippocampal output: The central role of subiculum in hippocampal information processing. <i>Behavioural Brain Research</i> , 2006, 174, 304-312.	1.2	77
27	COX-2, but not COX-1, activity is necessary for the induction of perforant path long-term potentiation and spatial learning <i>in vivo</i> . <i>European Journal of Neuroscience</i> , 2008, 27, 2999-3008.	1.2	74
28	Segregation of parallel inputs to the anteromedial and anteroventral thalamic nuclei of the rat. <i>Journal of Comparative Neurology</i> , 2013, 521, 2966-2986.	0.9	66
29	Dynamics of place, boundary and object encoding in rat anterior claustrum. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 250.	1.0	65
30	EEG alpha power changes reflect response inhibition deficits after traumatic brain injury (TBI) in humans. <i>Neuroscience Letters</i> , 2004, 362, 1-5.	1.0	64
31	Everyday episodic memory in amnesic mild cognitive impairment: a preliminary investigation. <i>BMC Neuroscience</i> , 2011, 12, 80.	0.8	62
32	Metabotropic glutamate receptor activation and blockade: their role in long-term potentiation, learning and neurotoxicity. <i>Neuroscience and Biobehavioral Reviews</i> , 1999, 23, 399-410.	2.9	59
33	Exploring the recollective experience during autobiographical memory retrieval in amnesic mild cognitive impairment. <i>Journal of the International Neuropsychological Society</i> , 2010, 16, 546-555.	1.2	59
34	Dantrolene inhibits long-term depression and depotentiation of synaptic transmission in the rat dentate gyrus. <i>Neuroscience</i> , 1995, 68, 621-624.	1.1	52
35	Synaptic plasticity in the hippocampal area CA1-subiculum projection: Implications for theories of memory. <i>Hippocampus</i> , 2000, 10, 447-456.	0.9	52
36	Automated spike sorting algorithm based on Laplacian eigenmaps and <i>k</i> -means clustering. <i>Journal of Neural Engineering</i> , 2011, 8, 016006.	1.8	51

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37	Oscillatory Entrainment of Thalamic Neurons by Theta Rhythm in Freely Moving Rats. <i>Journal of Neurophysiology</i> , 2011, 105, 4-17.	0.9	48
38	Selective disconnection of the hippocampal formation projections to the mammillary bodies produces only mild deficits on spatial memory tasks: Implications for fornix function. <i>Hippocampus</i> , 2011, 21, 945-957.	0.9	44
39	Respiratory cycle entrainment of septal neurons mediates the fast coupling of sniffing rate and hippocampal theta rhythm. <i>European Journal of Neuroscience</i> , 2014, 39, 957-974.	1.2	44
40	The effects of the bacterial endotoxin lipopolysaccharide on synaptic transmission and plasticity in the CA1-subiculum pathway in vivo. <i>Neuroscience</i> , 2001, 102, 273-280.	1.1	42
41	Analysis of Recordings of Single-Unit Firing and Population Activity in the Dorsal Subiculum of Unrestrained, Freely Moving Rats. <i>Journal of Neurophysiology</i> , 2003, 90, 655-665.	0.9	42
42	Cyclooxygenase inhibition attenuates endotoxin-induced spatial learning deficits, but not an endotoxin-induced blockade of long-term potentiation. <i>Brain Research</i> , 2005, 1038, 231-237.	1.1	42
43	Early hippocampal volume loss as a marker of eventual memory deficits caused by repeated stress. <i>Scientific Reports</i> , 2016, 6, 29127.	1.6	42
44	Responses of rat subicular neurons to convergent stimulation of lateral entorhinal cortex and CA1 in vivo. <i>Brain Research</i> , 2000, 884, 35-50.	1.1	39
45	Hippocampal Dynamics Predict Interindividual Cognitive Differences in Rats. <i>Journal of Neuroscience</i> , 2012, 32, 3540-3551.	1.7	39
46	The anterior thalamic nuclei: core components of a tripartite episodic memory system. <i>Nature Reviews Neuroscience</i> , 2022, 23, 505-516.	4.9	38
47	Physiological evidence for a possible projection from dorsal subiculum to hippocampal area CA1. <i>Experimental Brain Research</i> , 2002, 146, 155-160.	0.7	37
48	Age-related declines in delayed non-match-to-sample performance (DNMS) are reversed by the novel 5HT6 receptor antagonist SB742457. <i>Neuropharmacology</i> , 2012, 63, 890-897.	2.0	37
49	Space and Memory (Far) Beyond the Hippocampus: Many Subcortical Structures Also Support Cognitive Mapping and Mnemonic Processing. <i>Frontiers in Neural Circuits</i> , 2019, 13, 52.	1.4	37
50	The widely-used anti-viral drug interferon-alpha induces depressive- and anxiogenic-like effects in healthy rats. <i>Behavioural Brain Research</i> , 2007, 182, 80-87.	1.2	36
51	Mammillothalamic Disconnection Alters Hippocampocortical Oscillatory Activity and Microstructure: Implications for Diencephalic Amnesia. <i>Journal of Neuroscience</i> , 2019, 39, 6696-6713.	1.7	36
52	Differential regulation of synaptic plasticity of the hippocampal and the hypothalamic inputs to the anterior thalamus. <i>Hippocampus</i> , 2011, 21, 1-8.	0.9	35
53	Blockade of NMDA receptors pre-training, but not post-training, impairs object displacement learning in the rat. <i>Brain Research</i> , 2008, 1199, 126-132.	1.1	34
54	Hippocampal inputs mediate theta-related plasticity in anterior thalamus. <i>Neuroscience</i> , 2011, 187, 52-62.	1.1	33

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55	Collateral Projections Innervate the Mammillary Bodies and Retrosplenial Cortex: A New Category of Hippocampal Cells. <i>ENeuro</i> , 2018, 5, ENEURO.0383-17.2018.	0.9	33
56	Stability of subicular place fields across multiple light and dark transitions. <i>European Journal of Neuroscience</i> , 2010, 32, 648-658.	1.2	32
57	Fornical and nonfornical projections from the rat hippocampal formation to the anterior thalamic nuclei. <i>Hippocampus</i> , 2015, 25, 977-992.	0.9	32
58	The claustrum: Considerations regarding its anatomy, functions and a programme for research. <i>Brain and Neuroscience Advances</i> , 2017, 1, 239821281771896.	1.8	31
59	CREB selectively controls learning-induced structural remodeling of neurons. <i>Learning and Memory</i> , 2012, 19, 330-336.	0.5	30
60	Medial prefrontal cortex lesions cause deficits in a variable-goal location task but not in object exploration.. <i>Behavioral Neuroscience</i> , 1999, 113, 465-474.	0.6	29
61	Risk factors for the development of depression in patients with hepatitis C taking interferon- $\alpha$ ;. <i>Neuropsychiatric Disease and Treatment</i> , 2011, 7, 275.	1.0	29
62	Potential roles for opioid receptors in motivation and major depressive disorder. <i>Progress in Brain Research</i> , 2018, 239, 89-119.	0.9	29
63	Long-term cognitive dysfunction in the rat following docetaxel treatment is ameliorated by the phosphodiesterase-4 inhibitor, rolipram. <i>Behavioural Brain Research</i> , 2015, 290, 84-89.	1.2	28
64	Heterogeneous spatial representation by different subpopulations of neurons in the subiculum. <i>Neuroscience</i> , 2017, 343, 174-189.	1.1	28
65	Deconstructing the Direct Reciprocal Hippocampal-Anterior Thalamic Pathways for Spatial Learning. <i>Journal of Neuroscience</i> , 2020, 40, 6978-6990.	1.7	28
66	Plasticity in the projection from the anterior thalamic nuclei to the anterior cingulate cortex in the rat in vivo: paired-pulse facilitation, long-term potentiation and short-term depression. <i>Neuroscience</i> , 2002, 109, 401-406.	1.1	27
67	Anterior Thalamic Inputs Are Required for Subiculum Spatial Coding, with Associated Consequences for Hippocampal Spatial Memory. <i>Journal of Neuroscience</i> , 2021, 41, 6511-6525.	1.7	27
68	Semliki Forest virus-mediated gene therapy of the RG2 rat glioma. <i>Neuropathology and Applied Neurobiology</i> , 2010, 36, 648-660.	1.8	26
69	Amygdala substructure volumes in Major Depressive Disorder. <i>NeuroImage: Clinical</i> , 2021, 31, 102781.	1.4	26
70	Disorientation combined with bilateral parietal cortex lesions causes path integration deficits in the water maze. <i>Behavioural Brain Research</i> , 1999, 104, 197-200.	1.2	24
71	Deep layer prefrontal cortex unit discharge in a cue-controlled open-field environment in the freely-moving rat. <i>Behavioural Brain Research</i> , 2002, 133, 1-10.	1.2	24
72	Thyroxine replacement in an animal model of congenital hypothyroidism. <i>Physiology and Behavior</i> , 2007, 91, 299-303.	1.0	24

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73	Interferon- $\gamma$ -induced deficits in novel object recognition are rescued by chronic exercise. <i>Physiology and Behavior</i> , 2008, 95, 125-129.	1.0	24
74	Assessment of Behavioural Markers of Autonoetic Consciousness during Episodic Autobiographical Memory Retrieval: A Preliminary Analysis. <i>Behavioural Neurology</i> , 2008, 19, 3-6.	1.1	24
75	The psychostimulant modafinil facilitates water maze performance and augments synaptic potentiation in dentate gyrus. <i>Neuropharmacology</i> , 2010, 59, 9-19.	2.0	24
76	Long-term potentiation and paired-pulse facilitation in the prelimbic cortex of the rat following stimulation in the contralateral hemisphere in vivo. <i>Experimental Brain Research</i> , 2000, 132, 223-229.	0.7	22
77	The effects of low frequency and two-pulse stimulation protocols on synaptic transmission in the CA1-subiculum pathway in the anaesthetized rat. <i>Neuroscience Letters</i> , 2000, 279, 181-184.	1.0	22
78	Dissociation of dorsal hippocampal regional activation under the influence of stress in freely behaving rats. <i>Frontiers in Behavioral Neuroscience</i> , 2011, 5, 66.	1.0	22
79	Separate cortical and hippocampal cell populations target the rat nucleus reuniens and mammillary bodies. <i>European Journal of Neuroscience</i> , 2019, 49, 1649-1672.	1.2	22
80	The anterior thalamic nuclei and nucleus reuniens: So similar but so different. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 119, 268-280.	2.9	22
81	Quantitative MRI Analysis of Brain Volume Changes due to Controlled Cortical Impact. <i>Journal of Neurotrauma</i> , 2010, 27, 1265-1274.	1.7	21
82	Rosiglitazone enhances learning, place cell activity, and synaptic plasticity in middle-aged rats. <i>Neurobiology of Aging</i> , 2012, 33, 835.e13-835.e30.	1.5	21
83	Interactions between paired-pulse facilitation, low-frequency stimulation, and behavioral stress in the pathway from hippocampal area CA1 to the subiculum: Dissociation of baseline synaptic transmission from paired-pulse facilitation and depression of the same pathway. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2000, 28, 1-11.	1.2	21
84	Responses of dorsal subicular neurons of rats during object exploration in an extended environment. <i>Experimental Brain Research</i> , 2004, 159, 519-529.	0.7	19
85	A comparison of brief pulse and ultrabrief pulse electroconvulsive stimulation on rodent brain and behaviour. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 37, 147-152.	2.5	19
86	Torturing the brain. <i>Trends in Cognitive Sciences</i> , 2009, 13, 497-500.	4.0	18
87	First-in-class thyrotropin-releasing hormone (TRH)-based compound binds to a pharmacologically distinct TRH receptor subtype in human brain and is effective in neurodegenerative models. <i>Neuropharmacology</i> , 2015, 89, 193-203.	2.0	18
88	Chemogenetics Reveal an Anterior Cingulate- $\alpha$ -Thalamic Pathway for Attending to Task-Relevant Information. <i>Cerebral Cortex</i> , 2021, 31, 2169-2186.	1.6	18
89	Decoding signal processing in thalamo-hippocampal circuitry: implications for theories of memory and spatial processing. <i>Brain Research</i> , 2015, 1621, 368-379.	1.1	17
90	Antidepressant-like effects of 3-carboxamido seco-nalmefene (3CS-nalmefene), a novel opioid receptor modulator, in a rat IFN- $\gamma$ -induced depression model. <i>Brain, Behavior, and Immunity</i> , 2018, 67, 152-162.	2.0	17

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91	Neural Processing of Spatial Information: What We Know about Place Cells and What They Can Tell Us about Presence. <i>Presence: Teleoperators and Virtual Environments</i> , 2006, 15, 485-499.	0.3	16
92	Concurrent task performance enhances low-level visuomotor learning. <i>Perception &amp; Psychophysics</i> , 2007, 69, 513-522.	2.3	16
93	The Anatomical Boundary of the Rat Claustrum. <i>Frontiers in Neuroanatomy</i> , 2019, 13, 53.	0.9	15
94	Exercise prevents IFN- $\gamma$ -induced mood and cognitive dysfunction and increases BDNF expression in the rat. <i>Physiology and Behavior</i> , 2017, 179, 377-383.	1.0	14
95	The effects of single and multiple episodes of theta patterned or high frequency stimulation on synaptic transmission from hippocampal area CA1 to the subiculum in rats. <i>Neuroscience Letters</i> , 1999, 270, 99-102.	1.0	13
96	Hippocampal contributions to neurocognitive mapping in humans: A new model. <i>Hippocampus</i> , 2005, 15, 622-641.	0.9	13
97	Vestibular influence on water maze retention: transient whole body rotations improve the accuracy of the cue-based retention strategy. <i>Behavioural Brain Research</i> , 2005, 158, 183-187.	1.2	13
98	Proximal perimeter encoding in the rat rostral thalamus. <i>Scientific Reports</i> , 2019, 9, 2865.	1.6	11
99	Behavioural and electrophysiological correlates of visuomotor learning during a visual search task. <i>Cognitive Brain Research</i> , 2003, 15, 127-136.	3.3	10
100	Suppressing the Encoding of New Information in Memory: A Behavioral Study Derived from Principles of Hippocampal Function. <i>PLoS ONE</i> , 2013, 8, e50814.	1.1	10
101	Age and cortisol levels modulate judgment of positive and negative facial expressions. <i>Psychoneuroendocrinology</i> , 2012, 37, 827-835.	1.3	9
102	Prolonged rote learning produces delayed memory facilitation and metabolic changes in the hippocampus of the ageing human brain. <i>BMC Neuroscience</i> , 2009, 10, 136.	0.8	8
103	The irregular firing properties of thalamic head direction cells mediate turn-specific modulation of the directional tuning curve. <i>Journal of Neurophysiology</i> , 2014, 112, 2316-2331.	0.9	8
104	On the Imposition of Torture, an Extreme Stressor State, to Extract Information From Memory. <i>Zeitschrift Fur Psychologie / Journal of Psychology</i> , 2011, 219, 159-166.	0.7	8
105	Combining exercise and cyclooxygenase-2 inhibition does not ameliorate learning deficits after brain insult, despite an increase in BDNF levels. <i>Brain Research</i> , 2005, 1046, 224-229.	1.1	7
106	Dynamics of spontaneous local field potentials in the anterior claustrum of freely moving rats. <i>Brain Research</i> , 2017, 1677, 101-117.	1.1	7
107	Biopsychosocial Functions of Human Walking and Adherence to Behaviourally Demanding Belief Systems: A Narrative Review. <i>Frontiers in Psychology</i> , 2021, 12, 654122.	1.1	7
108	NeuroChaT: A toolbox to analyse the dynamics of neuronal encoding in freely-behaving rodents in vivo. <i>Wellcome Open Research</i> , 2019, 4, 196.	0.9	7

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109	Integrating the subiculum into hippocampal formation circuitry and the control of instrumental behavior: Theoretical comment on Andrzejewski, Spencer, and Kelley (2006).. Behavioral Neuroscience, 2006, 120, 739-743.	0.6	5
110	Chronic immobilization stress occludes in vivo cortical activation in an animal model of panic induced by carbon dioxide inhalation. Frontiers in Behavioral Neuroscience, 2014, 8, 311.	1.0	5
111	Acute phase plasma proteins are altered by electroconvulsive stimulation. Journal of Psychopharmacology, 2014, 28, 1125-1134.	2.0	5
112	Dissociating effects of acute photic stress on spatial, episodic-like and working memory in the rat. Behavioural Brain Research, 2014, 272, 218-225.	1.2	5
113	Extinction of Contextual Fear with Timed Exposure to Enriched Environment: A Differential Effect. Annals of Neurosciences, 2017, 24, 90-104.	0.9	5
114	An Exploration of Depressive Symptoms in Hepatitis C Patients Taking Interferon-alpha: Increase in Sickness Behaviors but not Negative Cognitions. Journal of Clinical and Experimental Hepatology, 2012, 2, 218-223.	0.4	4
115	Validation of the face-name pairs task in major depression: impaired recall but not recognition. Frontiers in Psychology, 2014, 5, 92.	1.1	4
116	Opioid modulation of depression: A focus on imaging studies. Progress in Brain Research, 2018, 239, 229-252.	0.9	4
117	Introduction to the special issue on the nature of hippocampal-cortical interaction: Theoretical and experimental perspectives. Hippocampus, 2000, 10, 351-351.	0.9	3
118	The mammalian subiculum: Contrasting and complementary in vivo and in vitro approaches to subicular function. Behavioural Brain Research, 2006, 174, 197-197.	1.2	3
119	The captive brain: torture and the neuroscience of humane interrogation. QJM - Monthly Journal of the Association of Physicians, 2018, 111, 73-78.	0.2	3
120	Torturing science. Politics and the Life Sciences, 2019, 38, 180-192.	0.5	3
121	A Direct Comparison of Afferents to the Rat Anterior Thalamic Nuclei and Nucleus Reunienis: Overlapping But Different. ENeuro, 2021, 8, ENEURO.0103-20.2021.	0.9	3
122	The cerebellum and cerebral cortex: Contrasting and converging contributions to spatial navigation and memory. Behavioral and Brain Sciences, 1996, 19, 469-470.	0.4	2
123	Bilateral intrahippocampal NAC61â€™95 effects on behavior and moderation with l-NAME treatment. Neuroscience Research, 2010, 66, 213-218.	1.0	2
124	Place Cells: Knowing Where You Are Depends on Knowing Where Youâ€™re Heading. Current Biology, 2017, 27, R834-R836.	1.8	2
125	Deficits in temporal order memory induced by interferon-alpha (IFN- $\alpha$ ) treatment are rescued by aerobic exercise. Brain Research Bulletin, 2018, 140, 212-219.	1.4	2
126	Place Constancies, the Cognitive Map and the Hippocampal Representation of the Environment. Irish Journal of Psychology, 1992, 13, 536-546.	0.2	1



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127	O'Mara reply to McNaughton and Gray. <i>Neuropsychological Rehabilitation</i> , 2002, 12, 369-372.	1.0	1
128	Low-Level Visuomotor Learning Disrupts Higher-Order Behavioural Control. <i>Irish Journal of Psychology</i> , 2004, 25, 16-25.	0.2	1
129	The persisting effects of electroconvulsive stimulation on the hippocampal proteome. <i>Brain Research</i> , 2014, 1593, 106-116.	1.1	1
130	Preface. <i>Progress in Brain Research</i> , 2015, 219, xiii-xiv.	0.9	1
131	Influences of photic stress on postsubicular headâ€directional processing. <i>European Journal of Neuroscience</i> , 2018, 47, 1003-1012.	1.2	1
132	Investigating the Effects of Mild Induced Hypothermia on Cognition using a Measure of Sustained Attention. <i>Open Access Journal of Science and Technology</i> , 2015, 3, .	0.2	1
133	Interrogating the Brain. , 2020, , 197-222.		1
134	Place cells in the claustrum remap under NMDA receptor control. <i>European Journal of Neuroscience</i> , 2022, 56, 3825-3838.	1.2	1
135	The Effects of Proactive Interference Manipulations and Instructed CS Reversal on Conditioned Motor Responses in Human Subjects. <i>Irish Journal of Psychology</i> , 1991, 12, 49-59.	0.2	0
136	When is it sensible to use PET to study brain function?. <i>Behavioral and Brain Sciences</i> , 1995, 18, 366-367.	0.4	0
137	Long-term potentiation: Does it deserve attention?. <i>Behavioral and Brain Sciences</i> , 1997, 20, 625-626.	0.4	0
138	The impact of hypothyroidism on neurocognitive functioning: A model of neuroplasticity in the mature adult human brain. <i>Annals of General Psychiatry</i> , 2008, 7, .	1.2	0
139	A waveform independent cell identification method to study long-term variability of spike recordings. , 2011, 2011, 2558-61.		0
140	Brain Hygiene, Optimising Expertise and Performance. , 2018, , 107-124.		0
141	A Brain for Business â€ A Brain for Life. , 2018, , .		0
142	Correcting the record: Extended sleep deprivation is torture, and sleep deprivation impairs, rather than facilitates, interrogations and investigative interviews. <i>International Journal of Social Psychiatry</i> , 2020, , 002076402098554.	1.6	0