

# Robert J Sutherland

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

4,126  
citations

218677

26  
h-index

144013

57  
g-index

62  
all docs

62  
docs citations

62  
times ranked

3045  
citing authors

#	ARTICLE	IF	CITATIONS
1	Behaviour-driven Arc expression is greater in dorsal than ventral CA1 regardless of task or sex differences. <i>Behavioural Brain Research</i> , 2022, 423, 113790.	2.2	1
2	Challenges of a small world analysis for the continuous monitoring of behavior in mice. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 136, 104621.	6.1	8
3	Intact Behavioral Expression of Contextual Fear, Context Discrimination, and Object Discrimination Memories Acquired in the Absence of the Hippocampus. <i>Journal of Neuroscience</i> , 2021, 41, 2437-2446.	3.6	6
4	Distributed learning episodes create a context fear memory outside the hippocampus that depends on perirhinal and anterior cingulate cortices. <i>Learning and Memory</i> , 2021, 28, 405-413.	1.3	4
5	Environmental determinants of behavioural responses to short-term stress in rats: Evidence for inhibitory effect of ambient landmarks. <i>Behavioural Brain Research</i> , 2020, 379, 112332.	2.2	12
6	Has multiple trace theory been refuted?. <i>Hippocampus</i> , 2020, 30, 842-850.	1.9	10
7	Intracerebral seeding of amyloid- $\beta^2$ and tau pathology in mice: Factors underlying prion-like spreading and comparisons with $\beta$ -synuclein. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 112, 1-27.	6.1	31
8	Low-cost solution for rodent home-cage behaviour monitoring. <i>PLoS ONE</i> , 2019, 14, e0220751.	2.5	61
9	Place navigation in the Morris water task results in greater nuclear Arc mRNA expression in dorsal compared to ventral CA1. <i>Hippocampus</i> , 2019, 29, 1133-1138.	1.9	7
10	Hippocampal Damage Causes Retrograde Amnesia and Slower Acquisition of a Cue-Place Discrimination in a Concurrent Cue-Place Water Task in Rats. <i>Neuroscience</i> , 2019, 412, 131-143.	2.3	1
11	Age-dependent behavioral and biochemical characterization of single APP knock-in mouse (APPNL-G-F/NL-G-F) model of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2019, 75, 25-37.	3.1	83
12	Lesions of lateral habenula attenuate win-stay but not lose-shift responses in a competitive choice task. <i>Neuroscience Letters</i> , 2019, 692, 159-166.	2.1	4
13	Relocating cued goals induces population remapping in CA1 related to memory performance in a two- $\epsilon$ platform water task in rats. <i>Hippocampus</i> , 2018, 28, 431-440.	1.9	7
14	Targeting inflammatory monocytes in sepsis-associated encephalopathy and long-term cognitive impairment. <i>JCI Insight</i> , 2018, 3, .	5.0	111
15	Hippocampal damage causes retrograde but not anterograde memory loss for context fear discrimination in rats. <i>Hippocampus</i> , 2017, 27, 951-958.	1.9	16
16	Heterarchic reinstatement of long-term memory: A concept on hippocampal amnesia in rodent memory research. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 71, 154-166.	6.1	18
17	Temporary inactivation of the rodent hippocampus: An evaluation of the current methodology. <i>Journal of Neuroscience Methods</i> , 2014, 225, 120-128.	2.5	5
18	Retrograde and anterograde memory following selective damage to the dorsolateral entorhinal cortex. <i>Neurobiology of Learning and Memory</i> , 2014, 116, 14-26.	1.9	0

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19	Recent memory for socially transmitted food preferences in rats does not depend on the hippocampus. <i>Neurobiology of Learning and Memory</i> , 2014, 114, 113-116.	1.9	12
20	The neurobiology of remote memory in the experimental animal. <i>Neurobiology of Learning and Memory</i> , 2013, 106, 292-293.	1.9	3
21	Neither time nor number of context-shock pairings affect long-term dependence of memory on hippocampus. <i>Neurobiology of Learning and Memory</i> , 2013, 106, 309-315.	1.9	26
22	Interfering with post-learning hippocampal activity does not affect long-term consolidation of a context fear memory outside the hippocampus. <i>Behavioural Brain Research</i> , 2013, 240, 103-109.	2.2	12
23	Neuronal code for extended time in the hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 19462-19467.	7.1	307
24	Suppression of Neurotoxic Lesion-Induced Seizure Activity: Evidence for a Permanent Role for the Hippocampus in Contextual Memory. <i>PLoS ONE</i> , 2011, 6, e27426.	2.5	25
25	Between-systems memory interference during retrieval. <i>European Journal of Neuroscience</i> , 2011, 34, 780-786.	2.6	27
26	Does the regeneration of hippocampal neurons offer hope for the treatment of cognitive deficits?. <i>Regenerative Medicine</i> , 2011, 6, 1-3.	1.7	0
27	A Novel Animal Model of Hippocampal Cognitive Deficits, Slow Neurodegeneration, and Neuroregeneration. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-12.	3.0	8
28	Spatial memory: A Rosetta stone for rat and human hippocampal discourse: Theoretical comment on Goodrich-Hunsaker and Hopkins (2010).. <i>Behavioral Neuroscience</i> , 2010, 124, 434-436.	1.2	1
29	Object/context-specific memory deficits associated with loss of hippocampal granule cells after adrenalectomy in rats. <i>Learning and Memory</i> , 2010, 17, 241-245.	1.3	69
30	Hippocampus and retrograde amnesia in the rat model: A modest proposal for the situation of systems consolidation. <i>Neuropsychologia</i> , 2010, 48, 2357-2369.	1.6	73
31	Hippocampal damage produces retrograde but not anterograde amnesia for a cued location in a spontaneous exploratory task in rats. <i>Hippocampus</i> , 2010, 20, 1095-1104.	1.9	13
32	Expression of a conditioned place preference or spatial navigation task following muscimol-induced inactivations of the amygdala or dorsal hippocampus: A double dissociation in the retrograde direction. <i>Brain Research Bulletin</i> , 2010, 83, 29-37.	3.0	29
33	Making context memories independent of the hippocampus. <i>Learning and Memory</i> , 2009, 16, 417-420.	1.3	64
34	Absence of systems consolidation of fear memories after dorsal, ventral, or complete hippocampal damage. <i>Hippocampus</i> , 2008, 18, 710-718.	1.9	112
35	Is it systems or cellular consolidation? Time will tell. An alternative interpretation of the Morris group's recent science paper. <i>Neurobiology of Learning and Memory</i> , 2008, 89, 366-369.	1.9	29
36	Rats with hippocampal lesion show impaired learning and memory in the ziggurat task: A new task to evaluate spatial behavior. <i>Behavioural Brain Research</i> , 2008, 189, 17-31.	2.2	19

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37	Retrograde amnesia for visual memories after hippocampal damage in rats. <i>Learning and Memory</i> , 2008, 15, 214-221.	1.3	50
38	Fluoxetine and the dentate gyrus: memory, recovery of function, and electrophysiology. <i>Behavioural Pharmacology</i> , 2007, 18, 521-531.	1.7	29
39	Adrenalectomy-induced granule cell degeneration in the hippocampus causes spatial memory deficits that are not reversed by chronic treatment with corticosterone or fluoxetine. <i>Hippocampus</i> , 2007, 17, 137-146.	1.9	37
40	Evidence for episodic memory in a pavlovian conditioning procedure in rats. <i>Hippocampus</i> , 2007, 17, 1149-1152.	1.9	20
41	Complete or partial hippocampal damage produces equivalent retrograde amnesia for remote contextual fear memories. <i>European Journal of Neuroscience</i> , 2007, 25, 1278-1286.	2.6	105
42	Growth points in research on memory and hippocampus.. <i>Canadian Journal of Experimental Psychology</i> , 2006, 60, 166-174.	0.8	12
43	Seahorse wins all races: Hippocampus participates in both linear and non-linear visual discrimination learning. <i>Behavioural Brain Research</i> , 2005, 164, 29-35.	2.2	67
44	Rodent spatial navigation: at the crossroads of cognition and movement. <i>Neuroscience and Biobehavioral Reviews</i> , 2004, 28, 687-697.	6.1	43
45	Damage to the Hippocampal Formation Does Not Disrupt Representational Flexibility as Measured by a Novelty Transfer Test.. <i>Behavioral Neuroscience</i> , 2004, 118, 1427-1432.	1.2	17
46	Children with Fetal Alcohol Syndrome are impaired at place learning but not cued-navigation in a virtual Morris water task. <i>Behavioural Brain Research</i> , 2003, 143, 85-94.	2.2	193
47	Human place learning in a virtual Morris water task: some important constraints on the flexibility of place navigation. <i>Behavioural Brain Research</i> , 2002, 129, 159-170.	2.2	99
48	Humans with hippocampus damage display severe spatial memory impairments in a virtual Morris water task. <i>Behavioural Brain Research</i> , 2002, 132, 77-84.	2.2	335
49	Dose-Dependent Effects of Prenatal Ethanol Exposure on Synaptic Plasticity and Learning in Mature Offspring. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 1752-1758.	2.4	113
50	Retrograde amnesia after hippocampal damage: Recent vs. remote memories in two tasks. <i>Hippocampus</i> , 2001, 11, 27-42.	1.9	158
51	Prenatal exposure to moderate levels of ethanol can have long-lasting effects on hippocampal synaptic plasticity in adult offspring. <i>Hippocampus</i> , 1998, 7, 232-238.	1.9	122
52	Configural learning in humans: The transverse patterning problem. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 1998, 26, 176-182.	1.3	16
53	Prenatal exposure to moderate levels of ethanol can have long-lasting effects on hippocampal synaptic plasticity in adult offspring. <i>Hippocampus</i> , 1997, 7, 232-238.	1.9	58
54	An evaluation of the effect of partial hippocampal kindling on place navigation by rats in the Morris water task. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 1997, 25, 126-132.	1.3	19

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55	Configural association theory and the hippocampal formation: An appraisal and reconfiguration. <i>Hippocampus</i> , 1995, 5, 375-389.	1.9	350
56	Induction of long-term potentiation at perforant path dentate synapses does not affect place learning or memory. <i>Hippocampus</i> , 1993, 3, 141-147.	1.9	78
57	Configural and Elemental Associations and the Memory Coherence Problem. <i>Journal of Cognitive Neuroscience</i> , 1992, 4, 208-216.	2.3	133
58	The hippocampal formation is necessary for rats to learn and remember configural discriminations. <i>Behavioural Brain Research</i> , 1989, 34, 97-109.	2.2	342
59	Spatial mapping: definitive disruption by hippocampal or medial frontal cortical damage in the rat. <i>Neuroscience Letters</i> , 1982, 31, 271-276.	2.1	515
60	Retrograde amnesia after hippocampal damage: Recent vs. remote memories in two tasks. , 0, .		1