Robert J Sutherland

List of Publications by Year in descending order

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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	Spatial mapping: definitive disruption by hippocampal or medial frontal cortical damage in the rat. Neuroscience Letters, 1982, 31, 271-276.	2.1	515
2	Configural association theory and the hippocampal formation: An appraisal and reconfiguration. Hippocampus, 1995, 5, 375-389.	1.9	350
3	The hippocampal formation is necessary for rats to learn and remember configural discriminations. Behavioural Brain Research, 1989, 34, 97-109.	2.2	342
4	Humans with hippocampus damage display severe spatial memory impairments in a virtual Morris water task. Behavioural Brain Research, 2002, 132, 77-84.	2.2	335
5	Neuronal code for extended time in the hippocampus. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19462-19467.	7.1	307
6	Children with Fetal Alcohol Syndrome are impaired at place learning but not cued-navigation in a virtual Morris water task. Behavioural Brain Research, 2003, 143, 85-94.	2.2	193
7	Retrograde amnesia after hippocampal damage: Recent vs. remote memories in two tasks. Hippocampus, 2001, 11, 27-42.	1.9	158
8	Configural and Elemental Associations and the Memory Coherence Problem. Journal of Cognitive Neuroscience, 1992, 4, 208-216.	2.3	133
9	Prenatal exposure to moderate levels of ethanol can have long-lasting effects on hippocampal synaptic plasticity in adult offspring. Hippocampus, 1998, 7, 232-238.	1.9	122
10	Dose-Dependent Effects of Prenatal Ethanol Exposure on Synaptic Plasticity and Learning in Mature Offspring. Alcoholism: Clinical and Experimental Research, 2002, 26, 1752-1758.	2.4	113
11	Absence of systems consolidation of fear memories after dorsal, ventral, or complete hippocampal damage. Hippocampus, 2008, 18, 710-718.	1.9	112
12	Targeting inflammatory monocytes in sepsis-associated encephalopathy and long-term cognitive impairment. JCI Insight, 2018, 3, .	5.0	111
13	Complete or partial hippocampal damage produces equivalent retrograde amnesia for remote contextual fear memories. European Journal of Neuroscience, 2007, 25, 1278-1286.	2.6	105
14	Human place learning in a virtual Morris water task: some important constraints on the flexibility of place navigation. Behavioural Brain Research, 2002, 129, 159-170.	2.2	99
15	Age-dependent behavioral and biochemical characterization of single APP knock-in mouse (APPNL-G-F/NL-G-F) model of Alzheimer's disease. Neurobiology of Aging, 2019, 75, 25-37.	3.1	83
16	Induction of long-term potentiation at perforant path dentate synapses does not affect place learning or memory. Hippocampus, 1993, 3, 141-147.	1.9	78
17	Hippocampus and retrograde amnesia in the rat model: A modest proposal for the situation of systems consolidation. Neuropsychologia, 2010, 48, 2357-2369.	1.6	73
18	Object/context-specific memory deficits associated with loss of hippocampal granule cells after adrenalectomy in rats. Learning and Memory, 2010, 17, 241-245.	1.3	69

#	Article	IF	Citations
19	Seahorse wins all races: Hippocampus participates in both linear and non-linear visual discrimination learning. Behavioural Brain Research, 2005, 164, 29-35.	2.2	67
20	Making context memories independent of the hippocampus. Learning and Memory, 2009, 16, 417-420.	1.3	64
21	Low-cost solution for rodent home-cage behaviour monitoring. PLoS ONE, 2019, 14, e0220751.	2.5	61
22	Prenatal exposure to moderate levels of ethanol can have longâ€lasting effects on hippocampal synaptic plasticity in adult offspring. Hippocampus, 1997, 7, 232-238.	1.9	58
23	Retrograde amnesia for visual memories after hippocampal damage in rats. Learning and Memory, 2008, 15, 214-221.	1.3	50
24	Rodent spatial navigation: at the crossroads of cognition and movement. Neuroscience and Biobehavioral Reviews, 2004, 28, 687-697.	6.1	43
25	Adrenalectomy-induced granule cell degeneration in the hippocampus causes spatial memory deficits that are not reversed by chronic treatment with corticosterone or fluoxetine. Hippocampus, 2007, 17, 137-146.	1.9	37
26	Intracerebral seeding of amyloid-Î² and tau pathology in mice: Factors underlying prion-like spreading and comparisons with Î±-synuclein. Neuroscience and Biobehavioral Reviews, 2020, 112, 1-27.	6.1	31
27	Fluoxetine and the dentate gyrus: memory, recovery of function, and electrophysiology. Behavioural Pharmacology, 2007, 18, 521-531.	1.7	29
28	Is it systems or cellular consolidation? Time will tell. An alternative interpretation of the Morris groupâ€™s recent science paper. Neurobiology of Learning and Memory, 2008, 89, 366-369.	1.9	29
29	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. Brain Research Bulletin, 2010, 83, 29-37.	3.0	29
30	Between-systems memory interference during retrieval. European Journal of Neuroscience, 2011, 34, 780-786.	2.6	27
31	Neither time nor number of context-shock pairings affect long-term dependence of memory on hippocampus. Neurobiology of Learning and Memory, 2013, 106, 309-315.	1.9	26
32	Suppression of Neurotoxic Lesion-Induced Seizure Activity: Evidence for a Permanent Role for the Hippocampus in Contextual Memory. PLoS ONE, 2011, 6, e27426.	2.5	25
33	Evidence for episodic memory in a pavlovian conditioning procedure in rats. Hippocampus, 2007, 17, 1149-1152.	1.9	20
34	Rats with hippocampal lesion show impaired learning and memory in the ziggurat task: A new task to evaluate spatial behavior. Behavioural Brain Research, 2008, 189, 17-31.	2.2	19
35	An evaluation of the effect of partial hippocampal kindling on place navigation by rats in the Morris water task. Cognitive, Affective and Behavioral Neuroscience, 1997, 25, 126-132.	1.3	19
36	Heterarchic reinstatement of long-term memory: A concept on hippocampal amnesia in rodent memory research. Neuroscience and Biobehavioral Reviews, 2016, 71, 154-166.	6.1	18

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37	Damage to the Hippocampal Formation Does Not Disrupt Representational Flexibility as Measured by a Novelty Transfer Test.. Behavioral Neuroscience, 2004, 118, 1427-1432.	1.2	17
38	Hippocampal damage causes retrograde but not anterograde memory loss for context fear discrimination in rats. Hippocampus, 2017, 27, 951-958.	1.9	16
39	Configural learning in humans: The transverse patterning problem. Cognitive, Affective and Behavioral Neuroscience, 1998, 26, 176-182.	1.3	16
40	Hippocampal damage produces retrograde but not anterograde amnesia for a cued location in a spontaneous exploratory task in rats. Hippocampus, 2010, 20, 1095-1104.	1.9	13
41	Interfering with post-learning hippocampal activity does not affect long-term consolidation of a context fear memory outside the hippocampus. Behavioural Brain Research, 2013, 240, 103-109.	2.2	12
42	Recent memory for socially transmitted food preferences in rats does not depend on the hippocampus. Neurobiology of Learning and Memory, 2014, 114, 113-116.	1.9	12
43	Environmental determinants of behavioural responses to short-term stress in rats: Evidence for inhibitory effect of ambient landmarks. Behavioural Brain Research, 2020, 379, 112332.	2.2	12
44	Growth points in research on memory and hippocampus.. Canadian Journal of Experimental Psychology, 2006, 60, 166-174.	0.8	12
45	Has multiple trace theory been refuted?. Hippocampus, 2020, 30, 842-850.	1.9	10
46	A Novel Animal Model of Hippocampal Cognitive Deficits, Slow Neurodegeneration, and Neuroregeneration. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-12.	3.0	8
47	Challenges of a small world analysis for the continuous monitoring of behavior in mice. Neuroscience and Biobehavioral Reviews, 2022, 136, 104621.	6.1	8
48	Relocating cued goals induces population remapping in CA1 related to memory performance in a twoâ€platform water task in rats. Hippocampus, 2018, 28, 431-440.	1.9	7
49	Place navigation in the Morris water task results in greater nuclear Arc mRNA expression in dorsal compared to ventral CA1. Hippocampus, 2019, 29, 1133-1138.	1.9	7
50	Intact Behavioral Expression of Contextual Fear, Context Discrimination, and Object Discrimination Memories Acquired in the Absence of the Hippocampus. Journal of Neuroscience, 2021, 41, 2437-2446.	3.6	6
51	Temporary inactivation of the rodent hippocampus: An evaluation of the current methodology. Journal of Neuroscience Methods, 2014, 225, 120-128.	2.5	5
52	Lesions of lateral habenula attenuate win-stay but not lose-shift responses in a competitive choice task. Neuroscience Letters, 2019, 692, 159-166.	2.1	4
53	Distributed learning episodes create a context fear memory outside the hippocampus that depends on perirhinal and anterior cingulate cortices. Learning and Memory, 2021, 28, 405-413.	1.3	4
54	The neurobiology of remote memory in the experimental animal. Neurobiology of Learning and Memory, 2013, 106, 292-293.	1.9	3

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55	Spatial memory: A Rosetta stone for rat and human hippocampal discourse: Theoretical comment on Goodrich-Hunsaker and Hopkins (2010).. Behavioral Neuroscience, 2010, 124, 434-436.	1.2	1
56	Hippocampal Damage Causes Retrograde Amnesia and Slower Acquisition of a Cue-Place Discrimination in a Concurrent Cue-Place Water Task in Rats. Neuroscience, 2019, 412, 131-143.	2.3	1
57	Retrograde amnesia after hippocampal damage: Recent vs. remote memories in two tasks. , 0, .		1
58	Behaviour-driven Arc expression is greater in dorsal than ventral CA1 regardless of task or sex differences. Behavioural Brain Research, 2022, 423, 113790.	2.2	1
59	Does the regeneration of hippocampal neurons offer hope for the treatment of cognitive deficits?. Regenerative Medicine, 2011, 6, 1-3.	1.7	0
60	Retrograde and anterograde memory following selective damage to the dorsolateral entorhinal cortex. Neurobiology of Learning and Memory, 2014, 116, 14-26.	1.9	0