William A Roberts

List of Publications by Year
in descending order

87 papers	3,263 citations	172457 29 h-index	155660 55 g-index
90 all docs	90 docs citations	90 times ranked	1245 citing authors

#	Article	IF	Citations
1	Are animals stuck in time?. Psychological Bulletin, 2002, 128, 473-489.	6.1	427
2	Short-term memory in the pigeon: Effects of repetition and spacing.. Journal of Experimental Psychology, 1972, 94, 74-83.	1.5	203
3	Episodic-Like Memory in Rats: Is It Based on When or How Long Ago?. Science, 2008, 320, 113-115.	12.6	158
4	Anticipation of future events in squirrel monkeys (Saimiri sciureus) and rats (Rattus norvegicus): Tests of the Bischof-Kohler hypothesis.. Journal of Comparative Psychology (Washington, D C: 1983), 2006, 120, 345-357.	0.5	157
5	Remembrance of places lasts: Proactive inhibition and patterns of choice in rat spatial memory. Learning and Motivation, 1981, 12, 261-281.	1.2	155
6	Short-term memory in the pigeon with presentation time precisely controlled. Learning and Motivation, 1974, 5, 393-408.	1.2	141
7	The comparative study of mental time travel. Trends in Cognitive Sciences, 2009, 13, 271-277.	7.8	124
8	Timing light and tone signals in pigeons.. Journal of Experimental Psychology, 1989, 15, 23-35.	1.7	120
9	Can a pigeon simultaneously process temporal and numerical information?. Journal of Experimental Psychology, 1994, 20, 66-78.	1.7	97
10	Transitive Inference in Rats: A Test of the Spatial Coding Hypothesis. Psychological Science, 1994, 5, 368-374.	3.3	84
11	Memory for what, where, and when in the black-capped chickadee (Poecile atricapillus). Animal Cognition, 2009, 12, 767-777.	1.8	74
12	Spatial memory for food hidden by rats (Rattus norvegicus) on the radial maze: Studies of memory for where, what, and when.. Journal of Comparative Psychology (Washington, D C: 1983), 2003, 117, 176-187.	0.5	73
13	Retroactive inhibition in rat spatial memory. Learning and Behavior, 1981, 9, 566-574.	3.4	71
14	Do pigeons (Columba livia) study for a test?. Journal of Experimental Psychology, 2009, 35, 129-142.	1.7	69
15	Judgments of ordinality and summation of number symbols by squirrel monkeys (Saimiri sciureus).. Journal of Experimental Psychology, 1997, 23, 325-339.	1.7	57
16	Central-place foraging by Rattus norvegicus on a radial maze.. Journal of Comparative Psychology (Washington, D C: 1983), 1989, 103, 326-338.	0.5	56
17	Resistance to extinction following partial and consistent reinforcement with varying magnitudes of reward.. Journal of Comparative and Physiological Psychology, 1969, 67, 395-400.	1.8	54
18	Sources of retroactive inhibition in pigeon short-term memory.. Journal of Experimental Psychology, 1976, 2, 1-16.	1.7	53

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19	An analysis of light-induced retroactive inhibition in pigeon short-term memory.. Journal of Experimental Psychology, 1978, 4, 219-236.	1.7	53
20	Pigeons Flexibly Time or Count on Cue. Psychological Science, 2000, 11, 218-222.	3.3	49
21	The effects of cache modification on food caching and retrieval behavior by rats. Learning and Motivation, 2005, 36, 260-278.	1.2	48
22	Summation of symbols by pigeons (Columba livia): The importance of number and mass of reward items.. Journal of Comparative Psychology (Washington, D C: 1983), 2000, 114, 158-166.	0.5	46
23	Testing for episodic-like memory in rats in the absence of time of day cues: Replication of Babb and Crystal. Behavioural Processes, 2007, 74, 217-225.	1.1	45
24	Memory for number of light flashes in the pigeon. Learning and Behavior, 1995, 23, 182-188.	3.4	42
25	Dogs choose a human informant: Metacognition in canines. Behavioural Processes, 2010, 85, 293-298.	1.1	39
26	Evidence for future cognition in animals. Learning and Motivation, 2012, 43, 169-180.	1.2	38
27	Further evidence for hierarchical chunking in rat spatial memory.. Journal of Experimental Psychology, 1995, 21, 20-32.	1.7	37
28	Using the peak procedure to measure timing and counting processes in pigeons.. Journal of Experimental Psychology, 1998, 24, 416-430.	1.7	35
29	Can squirrel monkeys (Saimiri sciureus) plan for the future? Studies of temporal myopia in food choice. Learning and Behavior, 2004, 32, 377-390.	3.4	35
30	Pigeons make errors as a result of interval timing in a visual, but not a visual-spatial, midsession reversal task.. Journal of Experimental Psychology, 2012, 38, 440-445.	1.7	33
31	Landmark use by squirrel monkeys (Saimiri sciureus). Learning and Behavior, 2000, 28, 28-42.	3.4	32
32	Can dogs count?. Learning and Motivation, 2013, 44, 241-251.	1.2	32
33	How do pigeons represent numbers?. Behavioural Processes, 2005, 69, 33-43.	1.1	30
34	Mental Time Travel: Animals Anticipate the Future. Current Biology, 2007, 17, R418-R420.	3.9	28
35	Animal Memory: Episodic-like Memory in Rats. Current Biology, 2006, 16, R601-R603.	3.9	26
36	Black-capped chickadees (Poecile atricapillus) anticipate future outcomes of foraging choices.. Journal of Experimental Psychology, 2011, 37, 30-40.	1.7	25

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37	Pigeons presented with sequences of false flashes use behavior to count but not to time.. Journal of Experimental Psychology, 2002, 28, 137-150.	1.7	21
38	Evidence that pigeons represent both time and number on a logarithmic scale. Behavioural Processes, 2006, 72, 207-214.	1.1	19
39	Distance and magnitude effects in sequential number discrimination by pigeons.. Journal of Experimental Psychology, 2010, 36, 206-216.	1.7	17
40	Rats take correct novel routes and shortcuts in an enclosed maze.. Journal of Experimental Psychology, 2007, 33, 79-91.	1.7	16
41	Memory systems interaction in the pigeon: Working and reference memory.. Journal of Experimental Psychology Animal Learning and Cognition, 2015, 41, 152-162.	0.5	16
42	The interaction between working and reference spatial memories in rats on a radial maze. Behavioural Processes, 2015, 112, 100-107.	1.1	16
43	A three-stimulus midsession reversal task in pigeons with visual and spatial discriminative stimuli. Animal Cognition, 2015, 18, 373-383.	1.8	16
44	Two Tests of the Stuck-in-Time Hypothesis. Journal of General Psychology, 2002, 129, 415-429.	2.8	15
45	Mechanisms of what-where-when memory in black-capped chickadees (Poecile atricapillus): Do chickadees remember â€œwhenâ€?. Journal of Comparative Psychology (Washington, D C: 1983), 2011, 125, 308-316.	0.5	15
46	Simultaneous processing of visual and spatial stimuli in pigeons. Learning and Behavior, 1987, 15, 417-422.	3.4	14
47	In search of the cognitive map: Can rats learn an abstract pattern of rewarded arms on the radial maze?. Journal of Experimental Psychology, 1999, 25, 352-362.	1.7	14
48	The effects of cue competition on timing in pigeons. Behavioural Processes, 2010, 84, 581-590.	1.1	14
49	Theory of mind in dogs: is the perspective-taking task a good test?. Learning and Behavior, 2011, 39, 303-305.	1.0	13
50	Foraging for covered and uncovered food on a radial maze. Learning and Behavior, 1988, 16, 388-394.	3.4	12
51	Foraging on the radial maze: The role of travel time, food accessibility, and the predictability of food location.. Journal of Experimental Psychology, 1989, 15, 274-285.	1.7	12
52	Pattern tracking on the radial maze: Tracking multiple patterns at different spatial locations.. Journal of Experimental Psychology, 1991, 17, 411-422.	1.7	11
53	Testing optimal foraging theory on the radial maze: The role of learning in patch sampling. Learning and Behavior, 1991, 19, 305-316.	3.4	11
54	Multiple-pattern learning by rats on an eight-arm radial maze. Learning and Behavior, 1994, 22, 155-164.	3.4	11

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55	Human nonverbal counting estimated by response production and verbal report. Psychonomic Bulletin and Review, 2003, 10, 683-690.	2.8	11
56	Spatial localization of a goal: Beacon homing and landmark piloting by rats on a radial maze. Learning and Behavior, 2000, 28, 43-58.	3.4	9
57	Memory systems in the rat: effects of reward probability, context, and congruency between working and reference memory. Animal Cognition, 2016, 19, 593-604.	1.8	9
58	Context controls access to working and reference memory in the pigeon (Columba livia). Journal of the Experimental Analysis of Behavior, 2016, 105, 184-193.	1.1	9
59	Episodic Memory: Rats Master Multiple Memories. Current Biology, 2016, 26, R920-R922.	3.9	9
60	A comparative study of memory for olfactory discriminations: Dogs (Canis familiaris), rats (Rattus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2020, 134, 170-179.	0.5	9
61	FAILURE TO FIND EVIDENCE OF STIMULUS GENERALIZATION WITHIN PICTORIAL CATEGORIES IN PIGEONS. Journal of the Experimental Analysis of Behavior, 2002, 78, 333-343.	1.1	8
62	Temporal sequencing is essential to future planning: response to Osvath, Raby and Clayton. Trends in Cognitive Sciences, 2010, 14, 52-53.	7.8	8
63	Dogs (Canis familiaris) use odor cues to show episodic-like memory for what, where, and when.. Journal of Comparative Psychology (Washington, D C: 1983), 2019, 133, 428-441.	0.5	8
64	Pigeons presented with sequences of light flashes use behavior to count but not to time. Journal of Experimental Psychology, 2002, 28, 137-50.	1.7	8
65	Pigeons play the percentages: computation of probability in a bird. Animal Cognition, 2018, 21, 575-581.	1.8	7
66	Release from proactive interference in rat spatial working memory. Learning and Behavior, 2017, 45, 263-275.	1.0	6
67	The olfactory capability of dogs to discriminate between different quantities of food. Learning and Behavior, 2021, 49, 321-329.	1.0	6
68	Cognitive flexibility and dual processing in pigeons: Temporal and contextual control of midsession reversal.. Journal of Experimental Psychology Animal Learning and Cognition, 2018, 44, 149-161.	0.5	6
69	â€œCountingâ€•serially presented stimuli by human and nonhuman primates and pigeons. Learning and Motivation, 2010, 41, 241-251.	1.2	5
70	The comparative study of working memory.. , 2017, , 203-225.		5
71	Interval timing under variations in the relative validity of temporal cues.. Journal of Experimental Psychology, 2013, 39, 334-341.	1.7	4
72	The role of context in animal memory. Learning and Behavior, 2019, 47, 117-130.	1.0	4

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73	Disruption of central-place foraging in the rat following lesions of the dorsomedial thalamic nucleus. Cognitive, Affective and Behavioral Neuroscience, 1991, 19, 91-99.	1.3	4
74	Irrational behavior in dogs (Canis lupus familiaris): A violation of independence from irrelevant alternatives. Behavioural Processes, 2021, 193, 104512.	1.1	3
75	Mechanisms of â€œCountingâ€•in Animals. , 2002, , 153-174.		3
76	No evidence for future planning in Canada jays (Perisoreus canadensis). Biology Letters, 2021, 17, 20210504.	2.3	3
77	Premature closure of controversial issues concerning animal memory representations. Behavioral and Brain Sciences, 1982, 5, 384-385.	0.7	2
78	Information preferences across species: Pigeons, rats, and dogs. Behavioural Processes, 2020, 170, 104016.	1.1	2
79	Rats show preference for delayed rewards on the radial maze. Learning and Behavior, 2008, 36, 42-54.	1.0	1
80	Chapter 2.1 The current status of cognitive time travel research in animals. Handbook of Behavioral Neuroscience, 2008, 18, 135-153.	0.7	1
81	Pigeons rank-order responses to temporally sequential stimuli. Learning and Behavior, 2013, 41, 309-318.	1.0	1
82	Addition and subtraction by honeybees. Learning and Behavior, 2020, 48, 191-192.	1.0	1
83	Rats respond where it counts. Learning and Behavior, 2016, 44, 101-102.	1.0	0
84	Animal Cognition: Chimps Use Human Knowledge When Reasoning Statistically. Current Biology, 2018, 28, R705-R706.	3.9	0
85	An operant analog of food caching in the pigeon (Columba livia). Learning and Behavior, 2021, , 1.	1.0	0
86	Stuck-in-Time Hypothesis. , 2018, , 1-4.		0
87	Stuck-in-Time Hypothesis. , 2022, , 6755-6759.		0