

# William A Roberts

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3531906/publications.pdf>

Version: 2024-02-01

87  
papers

3,263  
citations

172207

29  
h-index

155451

55  
g-index

90  
all docs

90  
docs citations

90  
times ranked

1245  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stuck-in-Time Hypothesis. , 2022, , 6755-6759.		0
2	The olfactory capability of dogs to discriminate between different quantities of food. Learning and Behavior, 2021, 49, 321-329.	0.5	6
3	An operant analog of food caching in the pigeon ( <i>Columba livia</i> ). Learning and Behavior, 2021, , 1.	0.5	0
4	Irrational behavior in dogs ( <i>Canis lupus familiaris</i> ): A violation of independence from irrelevant alternatives. Behavioural Processes, 2021, 193, 104512.	0.5	3
5	No evidence for future planning in Canada jays ( <i>Perisoreus canadensis</i> ). Biology Letters, 2021, 17, 20210504.	1.0	3
6	Addition and subtraction by honeybees. Learning and Behavior, 2020, 48, 191-192.	0.5	1
7	Information preferences across species: Pigeons, rats, and dogs. Behavioural Processes, 2020, 170, 104016.	0.5	2
8	A comparative study of memory for olfactory discriminations: Dogs ( <i>Canis familiaris</i> ), rats ( <i>Rattus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2020, 134, 170-179.	0.3	9
9	The role of context in animal memory. Learning and Behavior, 2019, 47, 117-130.	0.5	4
10	Dogs ( <i>Canis familiaris</i> ) 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.	0.3	8
11	Pigeons play the percentages: computation of probability in a bird. Animal Cognition, 2018, 21, 575-581.	0.9	7
12	Animal Cognition: Chimps Use Human Knowledge When Reasoning Statistically. Current Biology, 2018, 28, R705-R706.	1.8	0
13	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.	0.3	6
14	Stuck-in-Time Hypothesis. , 2018, , 1-4.		0
15	Release from proactive interference in rat spatial working memory. Learning and Behavior, 2017, 45, 263-275.	0.5	6
16	The comparative study of working memory.. , 2017, , 203-225.		5
17	Memory systems in the rat: effects of reward probability, context, and congruency between working and reference memory. Animal Cognition, 2016, 19, 593-604.	0.9	9
18	Rats respond where it counts. Learning and Behavior, 2016, 44, 101-102.	0.5	0

#	ARTICLE	IF	CITATIONS
19	Context controls access to working and reference memory in the pigeon ( <i>Columba livia</i> ). <i>Journal of the Experimental Analysis of Behavior</i> , 2016, 105, 184-193.	0.8	9
20	Episodic Memory: Rats Master Multiple Memories. <i>Current Biology</i> , 2016, 26, R920-R922.	1.8	9
21	Memory systems interaction in the pigeon: Working and reference memory.. <i>Journal of Experimental Psychology Animal Learning and Cognition</i> , 2015, 41, 152-162.	0.3	16
22	The interaction between working and reference spatial memories in rats on a radial maze. <i>Behavioural Processes</i> , 2015, 112, 100-107.	0.5	16
23	A three-stimulus midsession reversal task in pigeons with visual and spatial discriminative stimuli. <i>Animal Cognition</i> , 2015, 18, 373-383.	0.9	16
24	Pigeons rank-order responses to temporally sequential stimuli. <i>Learning and Behavior</i> , 2013, 41, 309-318.	0.5	1
25	Can dogs count?. <i>Learning and Motivation</i> , 2013, 44, 241-251.	0.6	32
26	Interval timing under variations in the relative validity of temporal cues.. <i>Journal of Experimental Psychology</i> , 2013, 39, 334-341.	1.9	4
27	Pigeons make errors as a result of interval timing in a visual, but not a visual-spatial, midsession reversal task.. <i>Journal of Experimental Psychology</i> , 2012, 38, 440-445.	1.9	33
28	Evidence for future cognition in animals. <i>Learning and Motivation</i> , 2012, 43, 169-180.	0.6	38
29	Black-capped chickadees ( <i>Poecile atricapillus</i> ) anticipate future outcomes of foraging choices.. <i>Journal of Experimental Psychology</i> , 2011, 37, 30-40.	1.9	25
30	Mechanisms of what-where-when memory in black-capped chickadees ( <i>Poecile atricapillus</i> ): Do chickadees remember "when"? <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2011, 125, 308-316.	0.3	15
31	Theory of mind in dogs: is the perspective-taking task a good test?. <i>Learning and Behavior</i> , 2011, 39, 303-305.	0.5	13
32	Distance and magnitude effects in sequential number discrimination by pigeons.. <i>Journal of Experimental Psychology</i> , 2010, 36, 206-216.	1.9	17
33	"Counting" serially presented stimuli by human and nonhuman primates and pigeons. <i>Learning and Motivation</i> , 2010, 41, 241-251.	0.6	5
34	The effects of cue competition on timing in pigeons. <i>Behavioural Processes</i> , 2010, 84, 581-590.	0.5	14
35	Dogs choose a human informant: Metacognition in canines. <i>Behavioural Processes</i> , 2010, 85, 293-298.	0.5	39
36	Temporal sequencing is essential to future planning: response to Osvath, Raby and Clayton. <i>Trends in Cognitive Sciences</i> , 2010, 14, 52-53.	4.0	8

#	ARTICLE	IF	CITATIONS
37	Memory for what, where, and when in the black-capped chickadee ( <i>Poecile atricapillus</i> ). <i>Animal Cognition</i> , 2009, 12, 767-777.	0.9	74
38	The comparative study of mental time travel. <i>Trends in Cognitive Sciences</i> , 2009, 13, 271-277.	4.0	124
39	Do pigeons ( <i>Columba livia</i> ) study for a test?. <i>Journal of Experimental Psychology</i> , 2009, 35, 129-142.	1.9	69
40	Rats show preference for delayed rewards on the radial maze. <i>Learning and Behavior</i> , 2008, 36, 42-54.	0.5	1
41	Episodic-Like Memory in Rats: Is It Based on When or How Long Ago?. <i>Science</i> , 2008, 320, 113-115.	6.0	158
42	Chapter 2.1 The current status of cognitive time travel research in animals. <i>Handbook of Behavioral Neuroscience</i> , 2008, 18, 135-153.	0.7	1
43	Rats take correct novel routes and shortcuts in an enclosed maze.. <i>Journal of Experimental Psychology</i> , 2007, 33, 79-91.	1.9	16
44	Testing for episodic-like memory in rats in the absence of time of day cues: Replication of Babb and Crystal. <i>Behavioural Processes</i> , 2007, 74, 217-225.	0.5	45
45	Mental Time Travel: Animals Anticipate the Future. <i>Current Biology</i> , 2007, 17, R418-R420.	1.8	28
46	Evidence that pigeons represent both time and number on a logarithmic scale. <i>Behavioural Processes</i> , 2006, 72, 207-214.	0.5	19
47	Anticipation of future events in squirrel monkeys ( <i>Saimiri sciureus</i> ) and rats ( <i>Rattus norvegicus</i> ): Tests of the Bischof-Kohler hypothesis.. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2006, 120, 345-357.	0.3	157
48	Animal Memory: Episodic-like Memory in Rats. <i>Current Biology</i> , 2006, 16, R601-R603.	1.8	26
49	The effects of cache modification on food caching and retrieval behavior by rats. <i>Learning and Motivation</i> , 2005, 36, 260-278.	0.6	48
50	How do pigeons represent numbers?. <i>Behavioural Processes</i> , 2005, 69, 33-43.	0.5	30
51	Can squirrel monkeys ( <i>Saimiri sciureus</i> ) plan for the future? Studies of temporal myopia in food choice. <i>Learning and Behavior</i> , 2004, 32, 377-390.	3.4	35
52	Human nonverbal counting estimated by response production and verbal report. <i>Psychonomic Bulletin and Review</i> , 2003, 10, 683-690.	1.4	11
53	Spatial memory for food hidden by rats ( <i>Rattus norvegicus</i> ) on the radial maze: Studies of memory for where, what, and when.. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2003, 117, 176-187.	0.3	73
54	Two Tests of the Stuck-in-Time Hypothesis. <i>Journal of General Psychology</i> , 2002, 129, 415-429.	1.6	15

#	ARTICLE	IF	CITATIONS
55	Pigeons presented with sequences of false flashes use behavior to count but not to time.. Journal of Experimental Psychology, 2002, 28, 137-150.	1.9	21
56	Are animals stuck in time?. Psychological Bulletin, 2002, 128, 473-489.	5.5	427
57	FAILURE TO FIND EVIDENCE OF STIMULUS GENERALIZATION WITHIN PICTORIAL CATEGORIES IN PIGEONS. Journal of the Experimental Analysis of Behavior, 2002, 78, 333-343.	0.8	8
58	Mechanisms of "Counting" in Animals. , 2002, , 153-174.		3
59	Pigeons presented with sequences of light flashes use behavior to count but not to time. Journal of Experimental Psychology, 2002, 28, 137-50.	1.9	8
60	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.	0.3	46
61	Landmark use by squirrel monkeys (Saimiri sciureus). Learning and Behavior, 2000, 28, 28-42.	3.4	32
62	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
63	Pigeons Flexibly Time or Count on Cue. Psychological Science, 2000, 11, 218-222.	1.8	49
64	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.	1.9	14
65	Using the peak procedure to measure timing and counting processes in pigeons.. Journal of Experimental Psychology, 1998, 24, 416-430.	1.9	35
66	Judgments of ordinality and summation of number symbols by squirrel monkeys (Saimiri sciureus).. Journal of Experimental Psychology, 1997, 23, 325-339.	1.9	57
67	Further evidence for hierarchical chunking in rat spatial memory.. Journal of Experimental Psychology, 1995, 21, 20-32.	1.9	37
68	Memory for number of light flashes in the pigeon. Learning and Behavior, 1995, 23, 182-188.	3.4	42
69	Transitive Inference in Rats: A Test of the Spatial Coding Hypothesis. Psychological Science, 1994, 5, 368-374.	1.8	84
70	Multiple-pattern learning by rats on an eight-arm radial maze. Learning and Behavior, 1994, 22, 155-164.	3.4	11
71	Can a pigeon simultaneously process temporal and numerical information?. Journal of Experimental Psychology, 1994, 20, 66-78.	1.9	97
72	Pattern tracking on the radial maze: Tracking multiple patterns at different spatial locations.. Journal of Experimental Psychology, 1991, 17, 411-422.	1.9	11

#	ARTICLE	IF	CITATIONS
73	Testing optimal foraging theory on the radial maze: The role of learning in patch sampling. <i>Learning and Behavior</i> , 1991, 19, 305-316.	3.4	11
74	Disruption of central-place foraging in the rat following lesions of the dorsomedial thalamic nucleus. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 1991, 19, 91-99.	1.2	4
75	Central-place foraging by <i>Rattus norvegicus</i> on a radial maze.. <i>Journal of Comparative Psychology</i> (Washington, D C: 1983), 1989, 103, 326-338.	0.3	56
76	Timing light and tone signals in pigeons.. <i>Journal of Experimental Psychology</i> , 1989, 15, 23-35.	1.9	120
77	Foraging on the radial maze: The role of travel time, food accessibility, and the predictability of food location.. <i>Journal of Experimental Psychology</i> , 1989, 15, 274-285.	1.9	12
78	Foraging for covered and uncovered food on a radial maze. <i>Learning and Behavior</i> , 1988, 16, 388-394.	3.4	12
79	Simultaneous processing of visual and spatial stimuli in pigeons. <i>Learning and Behavior</i> , 1987, 15, 417-422.	3.4	14
80	Premature closure of controversial issues concerning animal memory representations. <i>Behavioral and Brain Sciences</i> , 1982, 5, 384-385.	0.4	2
81	Remembrance of places lasts: Proactive inhibition and patterns of choice in rat spatial memory. <i>Learning and Motivation</i> , 1981, 12, 261-281.	0.6	155
82	Retroactive inhibition in rat spatial memory. <i>Learning and Behavior</i> , 1981, 9, 566-574.	3.4	71
83	An analysis of light-induced retroactive inhibition in pigeon short-term memory.. <i>Journal of Experimental Psychology</i> , 1978, 4, 219-236.	1.9	53
84	Sources of retroactive inhibition in pigeon short-term memory.. <i>Journal of Experimental Psychology</i> , 1976, 2, 1-16.	1.9	53
85	Short-term memory in the pigeon with presentation time precisely controlled. <i>Learning and Motivation</i> , 1974, 5, 393-408.	0.6	141
86	Short-term memory in the pigeon: Effects of repetition and spacing.. <i>Journal of Experimental Psychology</i> , 1972, 94, 74-83.	1.5	203
87	Resistance to extinction following partial and consistent reinforcement with varying magnitudes of reward.. <i>Journal of Comparative and Physiological Psychology</i> , 1969, 67, 395-400.	1.8	54