

William A Roberts

List of Publications by Year in descending order

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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	Are animals stuck in time?. Psychological Bulletin, 2002, 128, 473-489.	5.5	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.	6.0	158
4	Anticipation of future events in squirrel monkeys (<i>Saimiri sciureus</i>) and rats (<i>Rattus norvegicus</i>): Tests of the Bischof-Kohler hypothesis.. Journal of Comparative Psychology (Washington, D C: 1983), 2006, 120, 345-357.	0.3	157
5	Remembrance of places lasts: Proactive inhibition and patterns of choice in rat spatial memory. Learning and Motivation, 1981, 12, 261-281.	0.6	155
6	Short-term memory in the pigeon with presentation time precisely controlled. Learning and Motivation, 1974, 5, 393-408.	0.6	141
7	The comparative study of mental time travel. Trends in Cognitive Sciences, 2009, 13, 271-277.	4.0	124
8	Timing light and tone signals in pigeons.. Journal of Experimental Psychology, 1989, 15, 23-35.	1.9	120
9	Can a pigeon simultaneously process temporal and numerical information?. Journal of Experimental Psychology, 1994, 20, 66-78.	1.9	97
10	Transitive Inference in Rats: A Test of the Spatial Coding Hypothesis. Psychological Science, 1994, 5, 368-374.	1.8	84
11	Memory for what, where, and when in the black-capped chickadee (<i>Poecile atricapillus</i>). Animal Cognition, 2009, 12, 767-777.	0.9	74
12	Spatial memory for food hidden by rats (<i>Rattus norvegicus</i>) on the radial maze: Studies of memory for where, what, and when.. Journal of Comparative Psychology (Washington, D C: 1983), 2003, 117, 176-187.	0.3	73
13	Retroactive inhibition in rat spatial memory. Learning and Behavior, 1981, 9, 566-574.	3.4	71
14	Do pigeons (<i>Columba livia</i>) study for a test?. Journal of Experimental Psychology, 2009, 35, 129-142.	1.9	69
15	Judgments of ordinality and summation of number symbols by squirrel monkeys (<i>Saimiri sciureus</i>).. Journal of Experimental Psychology, 1997, 23, 325-339.	1.9	57
16	Central-place foraging by <i>Rattus norvegicus</i> on a radial maze.. Journal of Comparative Psychology (Washington, D C: 1983), 1989, 103, 326-338.	0.3	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.	1.9	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.	1.9	53
20	Pigeons Flexibly Time or Count on Cue. Psychological Science, 2000, 11, 218-222.	1.8	49
21	The effects of cache modification on food caching and retrieval behavior by rats. Learning and Motivation, 2005, 36, 260-278.	0.6	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.	0.3	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.	0.5	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.	0.5	39
26	Evidence for future cognition in animals. Learning and Motivation, 2012, 43, 169-180.	0.6	38
27	Further evidence for hierarchical chunking in rat spatial memory.. Journal of Experimental Psychology, 1995, 21, 20-32.	1.9	37
28	Using the peak procedure to measure timing and counting processes in pigeons.. Journal of Experimental Psychology, 1998, 24, 416-430.	1.9	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.	1.9	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.	0.6	32
33	How do pigeons represent numbers?. Behavioural Processes, 2005, 69, 33-43.	0.5	30
34	Mental Time Travel: Animals Anticipate the Future. Current Biology, 2007, 17, R418-R420.	1.8	28
35	Animal Memory: Episodic-like Memory in Rats. Current Biology, 2006, 16, R601-R603.	1.8	26
36	Black-capped chickadees (Poecile atricapillus) anticipate future outcomes of foraging choices.. Journal of Experimental Psychology, 2011, 37, 30-40.	1.9	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.	1.9	21
38	Evidence that pigeons represent both time and number on a logarithmic scale. Behavioural Processes, 2006, 72, 207-214.	0.5	19
39	Distance and magnitude effects in sequential number discrimination by pigeons.. Journal of Experimental Psychology, 2010, 36, 206-216.	1.9	17
40	Rats take correct novel routes and shortcuts in an enclosed maze.. Journal of Experimental Psychology, 2007, 33, 79-91.	1.9	16
41	Memory systems interaction in the pigeon: Working and reference memory.. Journal of Experimental Psychology Animal Learning and Cognition, 2015, 41, 152-162.	0.3	16
42	The interaction between working and reference spatial memories in rats on a radial maze. Behavioural Processes, 2015, 112, 100-107.	0.5	16
43	A three-stimulus midsession reversal task in pigeons with visual and spatial discriminative stimuli. Animal Cognition, 2015, 18, 373-383.	0.9	16
44	Two Tests of the Stuck-in-Time Hypothesis. Journal of General Psychology, 2002, 129, 415-429.	1.6	15
45	Mechanisms of what-where-when memory in black-capped chickadees (<i>Poecile atricapillus</i>): Do chickadees remember "when"? Journal of Comparative Psychology (Washington, D C: 1983), 2011, 125, 308-316.	0.3	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.	1.9	14
48	The effects of cue competition on timing in pigeons. Behavioural Processes, 2010, 84, 581-590.	0.5	14
49	Theory of mind in dogs: is the perspective-taking task a good test?. Learning and Behavior, 2011, 39, 303-305.	0.5	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.	1.9	12
52	Pattern tracking on the radial maze: Tracking multiple patterns at different spatial locations.. Journal of Experimental Psychology, 1991, 17, 411-422.	1.9	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. <i>Psychonomic Bulletin and Review</i> , 2003, 10, 683-690.	1.4	11
56	Spatial localization of a goal: Beacon homing and landmark piloting by rats on a radial maze. <i>Learning and Behavior</i> , 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. <i>Animal Cognition</i> , 2016, 19, 593-604.	0.9	9
58	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
59	Episodic Memory: Rats Master Multiple Memories. <i>Current Biology</i> , 2016, 26, R920-R922.	1.8	9
60	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
61	FAILURE TO FIND EVIDENCE OF STIMULUS GENERALIZATION WITHIN PICTORIAL CATEGORIES IN PIGEONS. <i>Journal of the Experimental Analysis of Behavior</i> , 2002, 78, 333-343.	0.8	8
62	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
63	Dogs (<i>Canis familiaris</i>) use odor cues to show episodic-like memory for what, where, and when.. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2019, 133, 428-441.	0.3	8
64	Pigeons presented with sequences of light flashes use behavior to count but not to time. <i>Journal of Experimental Psychology</i> , 2002, 28, 137-50.	1.9	8
65	Pigeons play the percentages: computation of probability in a bird. <i>Animal Cognition</i> , 2018, 21, 575-581.	0.9	7
66	Release from proactive interference in rat spatial working memory. <i>Learning and Behavior</i> , 2017, 45, 263-275.	0.5	6
67	The olfactory capability of dogs to discriminate between different quantities of food. <i>Learning and Behavior</i> , 2021, 49, 321-329.	0.5	6
68	Cognitive flexibility and dual processing in pigeons: Temporal and contextual control of midsession reversal.. <i>Journal of Experimental Psychology Animal Learning and Cognition</i> , 2018, 44, 149-161.	0.3	6
69	Counting serially presented stimuli by human and nonhuman primates and pigeons. <i>Learning and Motivation</i> , 2010, 41, 241-251.	0.6	5
70	The comparative study of working memory.. , 2017, , 203-225.		5
71	Interval timing under variations in the relative validity of temporal cues.. <i>Journal of Experimental Psychology</i> , 2013, 39, 334-341.	1.9	4
72	The role of context in animal memory. <i>Learning and Behavior</i> , 2019, 47, 117-130.	0.5	4

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73	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
74	Irrational behavior in dogs (<i>Canis lupus familiaris</i>): A violation of independence from irrelevant alternatives. <i>Behavioural Processes</i> , 2021, 193, 104512.	0.5	3
75	Mechanisms of "Counting" in Animals. , 2002, , 153-174.		3
76	No evidence for future planning in Canada jays (<i>Perisoreus canadensis</i>). <i>Biology Letters</i> , 2021, 17, 20210504.	1.0	3
77	Premature closure of controversial issues concerning animal memory representations. <i>Behavioral and Brain Sciences</i> , 1982, 5, 384-385.	0.4	2
78	Information preferences across species: Pigeons, rats, and dogs. <i>Behavioural Processes</i> , 2020, 170, 104016.	0.5	2
79	Rats show preference for delayed rewards on the radial maze. <i>Learning and Behavior</i> , 2008, 36, 42-54.	0.5	1
80	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
81	Pigeons rank-order responses to temporally sequential stimuli. <i>Learning and Behavior</i> , 2013, 41, 309-318.	0.5	1
82	Addition and subtraction by honeybees. <i>Learning and Behavior</i> , 2020, 48, 191-192.	0.5	1
83	Rats respond where it counts. <i>Learning and Behavior</i> , 2016, 44, 101-102.	0.5	0
84	Animal Cognition: Chimps Use Human Knowledge When Reasoning Statistically. <i>Current Biology</i> , 2018, 28, R705-R706.	1.8	0
85	An operant analog of food caching in the pigeon (<i>Columba livia</i>). <i>Learning and Behavior</i> , 2021, , 1.	0.5	0
86	Stuck-in-Time Hypothesis. , 2018, , 1-4.		0
87	Stuck-in-Time Hypothesis. , 2022, , 6755-6759.		0