

Robert G Cook

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

2,650
citations

185998

28
h-index

205818

48
g-index

86
all docs

86
docs citations

86
times ranked

1227
citing authors

#	ARTICLE	IF	CITATIONS
1	Perceptual grouping and detection of trial-unique emergent structures by pigeons. <i>Animal Cognition</i> , 2022, , 1.	0.9	1
2	Towards describing scenes by animals: Pigeons' ordinal discrimination of objects varying in depth. <i>Learning and Behavior</i> , 2021, 49, 85-98.	0.5	0
3	Examining the extents of same/different processing in non-human animals. <i>Current Opinion in Behavioral Sciences</i> , 2021, 37, 98-102.	2.0	4
4	Within-session dynamics of categorical and memory mechanisms in pigeons. <i>Psychonomic Bulletin and Review</i> , 2021, 28, 548-555.	1.4	3
5	Pigeons process actor-action configurations more readily than bystander-action configurations. <i>Learning and Behavior</i> , 2020, 48, 41-52.	0.5	1
6	Perception of Ebbinghaus' Titchener stimuli in starlings (<i>Sturnus vulgaris</i>). <i>Animal Cognition</i> , 2019, 22, 973-989.	0.9	9
7	The effect of learning on heart rate and behavior of European starlings (<i>Sturnus vulgaris</i>). <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2019, 331, 506-516.	0.9	1
8	An identified ensemble within a neocortical circuit encodes essential information for genetically-enhanced visual shape learning. <i>Hippocampus</i> , 2019, 29, 710-725.	0.9	9
9	Pigeons simultaneously attend to static and dynamic features of complex displays. <i>Behavioural Processes</i> , 2019, 158, 77-84.	0.5	1
10	Testing analogical rule transfer in pigeons (<i>Columba livia</i>). <i>Cognition</i> , 2019, 183, 256-268.	1.1	16
11	Examination of long-term visual memorization capacity in the Clark's nutcracker (<i>Nucifraga</i>). <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i>	1.4	1
12	Characteristic and intermingled neocortical circuits encode different visual object discriminations. <i>Behavioural Brain Research</i> , 2017, 331, 261-275.	1.2	3
13	Pigeons and humans use action and pose information to categorize complex human behaviors. <i>Vision Research</i> , 2017, 131, 16-25.	0.7	9
14	Dynamic cue use in pigeon mid-session reversal. <i>Behavioural Processes</i> , 2017, 137, 53-63.	0.5	21
15	Detection and discrimination of complex sounds by pigeons (<i>Columba livia</i>). <i>Behavioural Processes</i> , 2016, 123, 114-124.	0.5	3
16	Complex conditional control by pigeons in a continuous virtual environment. <i>Journal of the Experimental Analysis of Behavior</i> , 2016, 105, 211-229.	0.8	4
17	The Organization of Behavior over Time: Insights from Mid-session Reversal. <i>Comparative Cognition and Behavior Reviews</i> , 2016, 11, 103-125.	2.0	25
18	Pigeons use high spatial frequencies when memorizing pictures.. <i>Journal of Experimental Psychology Animal Learning and Cognition</i> , 2015, 41, 277-285.	0.3	8

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19	Temporal dynamics of task switching and abstract-concept learning in pigeons. <i>Frontiers in Psychology</i> , 2015, 6, 1334.	1.1	7
20	Experimental Divergences in the Visual Cognition of Birds and Mammals. <i>Comparative Cognition and Behavior Reviews</i> , 2015, 10, 73-105.	2.0	20
21	Endpoint distinctiveness facilitates analogical mapping in pigeons. <i>Behavioural Processes</i> , 2015, 112, 72-80.	0.5	1
22	The perception of Glass patterns by starlings (<i>Sturnus vulgaris</i>). <i>Psychonomic Bulletin and Review</i> , 2015, 22, 687-693.	1.4	7
23	The Analysis of Visual Cognition in Birds: Implications for Evolution, Mechanism, and Representation. <i>Psychology of Learning and Motivation - Advances in Research and Theory</i> , 2015, 63, 173-210.	0.5	9
24	Discrimination of Complex Human Behavior by Pigeons (<i>Columba livia</i>) and Humans. <i>PLoS ONE</i> , 2014, 9, e112342.	1.1	8
25	Visual control of an action discrimination in pigeons. <i>Journal of Vision</i> , 2014, 14, 16-16.	0.1	14
26	“Insight” in pigeons: absence of means-end processing in displacement tests. <i>Animal Cognition</i> , 2014, 17, 207-220.	0.9	18
27	Visualizing search behavior with adaptive discriminations. <i>Behavioural Processes</i> , 2014, 102, 40-50.	0.5	2
28	Shape from shading in starlings (<i>Sturnus vulgaris</i>).. <i>Journal of Comparative Psychology (Washington, D C)</i> , 2014, 128, 387-401.	0.3	7
29	Timbre influences chord discrimination in black-capped chickadees (<i>Poecile atricapillus</i>) but not humans (<i>Homo sapiens</i>).. <i>Journal of Comparative Psychology (Washington, D C)</i> , 2014, 128, 387-401.	0.3	7
30	Categorization of birds, mammals, and chimeras by pigeons. <i>Behavioural Processes</i> , 2013, 93, 98-110.	0.5	23
31	Active change detection by pigeons and humans.. <i>Journal of Experimental Psychology</i> , 2013, 39, 383-389.	1.9	13
32	The adaptive analysis of visual cognition using genetic algorithms.. <i>Journal of Experimental Psychology</i> , 2013, 39, 357-376.	1.9	7
33	Functional Segregation of the Entopallium in Pigeons. <i>Philosophy</i> , 2013, 130, 59-86.	0.1	13
34	Temporal properties of visual search in pigeon target localization.. <i>Journal of Experimental Psychology</i> , 2012, 38, 209-216.	1.9	14
35	Black-capped chickadee (<i>Poecile atricapillus</i>) and human (<i>Homo sapiens</i>) chord discrimination.. <i>Journal of Comparative Psychology (Washington, D C)</i> , 2012, 126, 57-67.	0.3	18
36	Implicit and explicit categorization: A tale of four species. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 2355-2369.	2.9	163

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37	Discrimination and Categorization of Actions by Pigeons. <i>Psychological Science</i> , 2012, 23, 617-624.	1.8	20
38	Auditory Same/Different Concept Learning and Generalization in Black-Capped Chickadees (<i>Parus atricapillus</i>). <i>Journal of Experimental Psychology</i> , 2011, 138, 1-11.	1.1	8
39	CaMKII, MAPK, and CREB are coactivated in identified neurons in a neocortical circuit required for performing visual shape discriminations. <i>Hippocampus</i> , 2012, 22, 2276-2289.	0.9	11
40	Shape from shading in pigeons. <i>Cognition</i> , 2012, 124, 284-303.	1.1	29
41	Pigeons' categorization may be exclusively nonanalytic. <i>Psychonomic Bulletin and Review</i> , 2011, 18, 414-421.	1.4	95
42	Discrimination of dynamic change and constancy over time by pigeons. <i>Psychonomic Bulletin and Review</i> , 2011, 18, 697-704.	1.4	4
43	Velocity-based motion categorization by pigeons. <i>Journal of Experimental Psychology</i> , 2011, 37, 175-188.	1.9	12
44	Temporal control of internal states in pigeons. <i>Psychonomic Bulletin and Review</i> , 2010, 17, 915-922.	1.4	53
45	Chord Discrimination by Pigeons. <i>Music Perception</i> , 2010, 27, 183-196.	0.5	29
46	Testing meter, rhythm, and tempo discriminations in pigeons. <i>Behavioural Processes</i> , 2010, 85, 99-110.	0.5	43
47	Identified circuit in rat postrhinal cortex encodes essential information for performing specific visual shape discriminations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 14478-14483.	3.3	21
48	First trial rewards promote 1-trial learning and prolonged memory in pigeon and baboon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 9530-9533.	3.3	39
49	Improved spatial learning in aged rats by genetic activation of protein kinase C in small groups of hippocampal neurons. <i>Hippocampus</i> , 2009, 19, 413-423.	0.9	31
50	Generalized auditory same-different discrimination by pigeons. <i>Journal of Experimental Psychology</i> , 2009, 35, 108-115.	1.9	14
51	Rotational object discrimination by pigeons. <i>Journal of Experimental Psychology</i> , 2009, 35, 250-265.	1.9	23
52	Absolute and relational control of a sequential auditory discrimination by pigeons (<i>Columba livia</i>). <i>Behavioural Processes</i> , 2008, 77, 210-222.	0.5	12
53	The role of video coherence on object-based motion discriminations by pigeons. <i>Journal of Experimental Psychology</i> , 2007, 33, 287-298.	1.9	19
54	Learning and transfer of relational matching-to-sample by pigeons. <i>Psychonomic Bulletin and Review</i> , 2007, 14, 1107-1114.	1.4	48

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55	The Contribution of Monocular Depth Cues to Scene Perception by Pigeons. <i>Psychological Science</i> , 2006, 17, 628-634.	1.8	42
56	Short-term item memory in successive same-different discriminations. <i>Behavioural Processes</i> , 2006, 72, 255-264.	0.5	9
57	Mind the gap: means-end discrimination by pigeons. <i>Animal Behaviour</i> , 2006, 71, 599-608.	0.8	30
58	Not all same-different discriminations are created equal: Evidence contrary to a unidimensional account of same-different learning. <i>Learning and Motivation</i> , 2006, 37, 189-208.	0.6	9
59	Stages of Abstraction and Exemplar Memorization in Pigeon Category Learning. <i>Psychological Science</i> , 2006, 17, 1059-1067.	1.8	87
60	Evidence for large long-term memory capacities in baboons and pigeons and its implications for learning and the evolution of cognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 17564-17567.	3.3	118
61	Two-item same-different concept learning in pigeons. <i>Learning and Behavior</i> , 2005, 33, 67-77.	3.4	79
62	Capacity and limits of associative memory in pigeons. <i>Psychonomic Bulletin and Review</i> , 2005, 12, 350-358.	1.4	75
63	Genetic Enhancement of Visual Learning by Activation of Protein Kinase C Pathways in Small Groups of Rat Cortical Neurons. <i>Journal of Neuroscience</i> , 2005, 25, 8468-8481.	1.7	43
64	Avian detection and identification of perceptual organization in random noise. <i>Behavioural Processes</i> , 2005, 69, 79-95.	0.5	16
65	Touchscreen-enhanced visual learning in rats. <i>Behavior Research Methods</i> , 2004, 36, 101-106.	1.3	45
66	Variability Discrimination in Humans and Animals: Implications for Adaptive Action.. <i>American Psychologist</i> , 2004, 59, 879-890.	3.8	97
67	Successive two-item same-different discrimination and concept learning by pigeons. <i>Behavioural Processes</i> , 2003, 62, 125-144.	0.5	54
68	Differential effects of visual context on pattern discrimination by pigeons (<i>Columba livia</i>) and humans (<i>Homo sapiens</i>).. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2003, 117, 200-208.	0.3	23
69	THE STRUCTURE OF PIGEON MULTIPLE-CLASS SAME-DIFFERENT LEARNING. <i>Journal of the Experimental Analysis of Behavior</i> , 2002, 78, 345-364.	0.8	23
70	Cognitive precedence for local information in hierarchical stimulus processing by pigeons.. <i>Journal of Experimental Psychology</i> , 2001, 27, 3-16.	1.9	97
71	Dynamic object perception by pigeons: discrimination of action in video presentations. <i>Animal Cognition</i> , 2001, 4, 137-146.	0.9	31
72	Stimulus repetition effects on texture-based visual search by pigeons.. <i>Journal of Experimental Psychology</i> , 2000, 26, 220-236.	1.9	6

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73	The Comparative Psychology of Avian Visual Cognition. <i>Current Directions in Psychological Science</i> , 2000, 9, 83-89.	2.8	27
74	Pigeon same-different concept learning with multiple stimulus classes.. <i>Journal of Experimental Psychology</i> , 1997, 23, 417-433.	1.9	50
75	Landmark geometry and identity controls spatial navigation in rats. <i>Learning and Behavior</i> , 1997, 25, 312-323.	3.4	42
76	Mechanisms of multidimensional grouping, fusion, and search in avian texture discrimination. <i>Learning and Behavior</i> , 1996, 24, 150-167.	3.4	57
77	Same-different texture discrimination and concept learning by pigeons.. <i>Journal of Experimental Psychology</i> , 1995, 21, 253-260.	1.9	61
78	The Experimental Analysis of Cognition in Animals. <i>Psychological Science</i> , 1993, 4, 174-178.	1.8	27
79	Acquisition and transfer of visual texture discriminations by pigeons.. <i>Journal of Experimental Psychology</i> , 1992, 18, 341-353.	1.9	46
80	Dimensional organization and texture discrimination in pigeons.. <i>Journal of Experimental Psychology</i> , 1992, 18, 354-363.	1.9	35
81	Interstimulus interval and viewing time effects in monkey list memory. <i>Learning and Behavior</i> , 1991, 19, 153-163.	3.4	28
82	On the Role of Memory in Concept Learning by Pigeons. <i>Psychological Record</i> , 1990, 40, 359-371.	0.6	12
83	RELATIONAL AND ABSOLUTE STIMULUS LEARNING BY MONKEYS IN A MEMORY TASK. <i>Journal of the Experimental Analysis of Behavior</i> , 1989, 52, 237-248.	0.8	22
84	Concept learning by pigeons: Matching-to-sample with trial-unique video picture stimuli. <i>Learning and Behavior</i> , 1988, 16, 436-444.	3.4	214
85	Flexible memory processing by rats: Use of prospective and retrospective information in the radial maze.. <i>Journal of Experimental Psychology</i> , 1985, 11, 453-469.	1.9	130
86	Retroactive interference in pigeon short-term memory by a reduction in ambient illumination.. <i>Journal of Experimental Psychology</i> , 1980, 6, 326-338.	1.9	27