Robert G Cook

List of Publications by Year
in descending order

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86 papers	2,650 citations	186265 28 h-index	206112 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. Animal Cognition, 2022, , 1.	1.8	1
2	Towards describing scenes by animals: Pigeonsâ€™ ordinal discrimination of objects varying in depth. Learning and Behavior, 2021, 49, 85-98.	1.0	0
3	Examining the extents of same/different processing in non-human animals. Current Opinion in Behavioral Sciences, 2021, 37, 98-102.	3.9	4
4	Within-session dynamics of categorical and memory mechanisms in pigeons. Psychonomic Bulletin and Review, 2021, 28, 548-555.	2.8	3
5	Pigeons process actor-action configurations more readily than bystander-action configurations. Learning and Behavior, 2020, 48, 41-52.	1.0	1
6	Perception of Ebbinghausâ€“Titchener stimuli in starlings (Sturnus vulgaris). Animal Cognition, 2019, 22, 973-989.	1.8	9
7	The effect of learning on heart rate and behavior of European starlings (Sturnus vulgaris). Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2019, 331, 506-516.	1.9	1
8	An identified ensemble within a neocortical circuit encodes essential information for geneticallyâ€enhanced visual shape learning. Hippocampus, 2019, 29, 710-725.	1.9	9
9	Pigeons simultaneously attend to static and dynamic features of complex displays. Behavioural Processes, 2019, 158, 77-84.	1.1	1
10	Testing analogical rule transfer in pigeons (Columba livia). Cognition, 2019, 183, 256-268.	2.2	16
11	Examination of long-term visual memorization capacity in the Clarkâ€™s nutcracker (Nucifraga) Tj ETQq1 1 0.784314 rgBT /Overlock	2.8	1
12	Characteristic and intermingled neocortical circuits encode different visual object discriminations. Behavioural Brain Research, 2017, 331, 261-275.	2.2	3
13	Pigeons and humans use action and pose information to categorize complex human behaviors. Vision Research, 2017, 131, 16-25.	1.4	9
14	Dynamic cue use in pigeon mid-session reversal. Behavioural Processes, 2017, 137, 53-63.	1.1	21
15	Detection and discrimination of complex sounds by pigeons (Columba livia). Behavioural Processes, 2016, 123, 114-124.	1.1	3
16	Complex conditional control by pigeons in a continuous virtual environment. Journal of the Experimental Analysis of Behavior, 2016, 105, 211-229.	1.1	4
17	The Organization of Behavior over Time: Insights from Mid-session Reversal. Comparative Cognition and Behavior Reviews, 2016, 11, 103-125.	2.0	25
18	Pigeons use high spatial frequencies when memorizing pictures.. Journal of Experimental Psychology Animal Learning and Cognition, 2015, 41, 277-285.	0.5	8

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19	Temporal dynamics of task switching and abstract-concept learning in pigeons. Frontiers in Psychology, 2015, 6, 1334.	2.1	7
20	Experimental Divergences in the Visual Cognition of Birds and Mammals. Comparative Cognition and Behavior Reviews, 2015, 10, 73-105.	2.0	20
21	Endpoint distinctiveness facilitates analogical mapping in pigeons. Behavioural Processes, 2015, 112, 72-80.	1.1	1
22	The perception of Glass patterns by starlings (Sturnus vulgaris). Psychonomic Bulletin and Review, 2015, 22, 687-693.	2.8	7
23	The Analysis of Visual Cognition in Birds: Implications for Evolution, Mechanism, and Representation. Psychology of Learning and Motivation - Advances in Research and Theory, 2015, 63, 173-210.	1.1	9
24	Discrimination of Complex Human Behavior by Pigeons (Columba livia) and Humans. PLoS ONE, 2014, 9, e112342.	2.5	8
25	Visual control of an action discrimination in pigeons. Journal of Vision, 2014, 14, 16-16.	0.3	14
26	â€œInsightâ€•in pigeons: absence of meansâ€“end processing in displacement tests. Animal Cognition, 2014, 17, 207-220.	1.8	18
27	Visualizing search behavior with adaptive discriminations. Behavioural Processes, 2014, 102, 40-50.	1.1	2
28	Shape from shading in starlings (Sturnus vulgaris).. Journal of Comparative Psychology (Washington,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.5	14
29	Timbre influences chord discrimination in black-capped chickadees (Poecile atricapillus) but not humans (Homo sapiens).. Journal of Comparative Psychology (Washington, D C: 1983), 2014, 128, 387-401.	0.5	7
30	Categorization of birds, mammals, and chimeras by pigeons. Behavioural Processes, 2013, 93, 98-110.	1.1	23
31	Active change detection by pigeons and humans.. Journal of Experimental Psychology, 2013, 39, 383-389.	1.7	13
32	The adaptive analysis of visual cognition using genetic algorithms.. Journal of Experimental Psychology, 2013, 39, 357-376.	1.7	7
33	Functional Segregation of the Entopallium in Pigeons. Philosophy, 2013, 130, 59-86.	0.2	13
34	Temporal properties of visual search in pigeon target localization.. Journal of Experimental Psychology, 2012, 38, 209-216.	1.7	14
35	Black-capped chickadee (Poecile atricapillus) and human (Homo sapiens) chord discrimination.. Journal of Comparative Psychology (Washington, D C: 1983), 2012, 126, 57-67.	0.5	18
36	Implicit and explicit categorization: A tale of four species. Neuroscience and Biobehavioral Reviews, 2012, 36, 2355-2369.	6.1	163

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37	Discrimination and Categorization of Actions by Pigeons. Psychological Science, 2012, 23, 617-624.	3.3	20
38	Auditory Same/Different Concept Learning and Generalization in Black-Capped Chickadees (Poecile) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.5	8
39	CaMKII, MAPK, and CREB are coactivated in identified neurons in a neocortical circuit required for performing visual shape discriminations. Hippocampus, 2012, 22, 2276-2289.	1.9	11
40	Shape from shading in pigeons. Cognition, 2012, 124, 284-303.	2.2	29
41	Pigeonsâ€™ categorization may be exclusively nonanalytic. Psychonomic Bulletin and Review, 2011, 18, 414-421.	2.8	95
42	Discrimination of dynamic change and constancy over time by pigeons. Psychonomic Bulletin and Review, 2011, 18, 697-704.	2.8	4
43	Velocity-based motion categorization by pigeons.. Journal of Experimental Psychology, 2011, 37, 175-188.	1.7	12
44	Temporal control of internal states in pigeons. Psychonomic Bulletin and Review, 2010, 17, 915-922.	2.8	53
45	Chord Discrimination by Pigeons. Music Perception, 2010, 27, 183-196.	1.1	29
46	Testing meter, rhythm, and tempo discriminations in pigeons. Behavioural Processes, 2010, 85, 99-110.	1.1	43
47	Identified circuit in rat postrhinal cortex encodes essential information for performing specific visual shape discriminations. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14478-14483.	7.1	21
48	First trial rewards promote 1-trial learning and prolonged memory in pigeon and baboon. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 9530-9533.	7.1	39
49	Improved spatial learning in aged rats by genetic activation of protein kinase C in small groups of hippocampal neurons. Hippocampus, 2009, 19, 413-423.	1.9	31
50	Generalized auditory same-different discrimination by pigeons.. Journal of Experimental Psychology, 2009, 35, 108-115.	1.7	14
51	Rotational object discrimination by pigeons.. Journal of Experimental Psychology, 2009, 35, 250-265.	1.7	23
52	Absolute and relational control of a sequential auditory discrimination by pigeons (Columba livia). Behavioural Processes, 2008, 77, 210-222.	1.1	12
53	The role of video coherence on object-based motion discriminations by pigeons.. Journal of Experimental Psychology, 2007, 33, 287-298.	1.7	19
54	Learning and transfer of relational matching-to-sample by pigeons. Psychonomic Bulletin and Review, 2007, 14, 1107-1114.	2.8	48

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55	The Contribution of Monocular Depth Cues to Scene Perception by Pigeons. Psychological Science, 2006, 17, 628-634.	3.3	42
56	Short-term item memory in successive sameâ€“different discriminations. Behavioural Processes, 2006, 72, 255-264.	1.1	9
57	Mind the gap: meansâ€“end discrimination by pigeons. Animal Behaviour, 2006, 71, 599-608.	1.9	30
58	Not all same-different discriminations are created equal: Evidence contrary to a unidimensional account of same-different learning. Learning and Motivation, 2006, 37, 189-208.	1.2	9
59	Stages of Abstraction and Exemplar Memorization in Pigeon Category Learning. Psychological Science, 2006, 17, 1059-1067.	3.3	87
60	Evidence for large long-term memory capacities in baboons and pigeons and its implications for learning and the evolution of cognition. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 17564-17567.	7.1	118
61	Two-itemsame-different concept learning in pigeons. Learning and Behavior, 2005, 33, 67-77.	3.4	79
62	Capacity and limits of associative memory in pigeons. Psychonomic Bulletin and Review, 2005, 12, 350-358.	2.8	75
63	Genetic Enhancement of Visual Learning by Activation of Protein Kinase C Pathways in Small Groups of Rat Cortical Neurons. Journal of Neuroscience, 2005, 25, 8468-8481.	3.6	43
64	Avian detection and identification of perceptual organization in random noise. Behavioural Processes, 2005, 69, 79-95.	1.1	16
65	Touchscreen-enhanced visual learning in rats. Behavior Research Methods, 2004, 36, 101-106.	1.3	45
66	Variability Discrimination in Humans and Animals: Implications for Adaptive Action.. American Psychologist, 2004, 59, 879-890.	4.2	97
67	Successive two-item same-different discrimination and concept learning by pigeons. Behavioural Processes, 2003, 62, 125-144.	1.1	54
68	Differential effects of visual context on pattern discrimination by pigeons (Columba livia) and humans (Homo sapiens).. Journal of Comparative Psychology (Washington, D C: 1983), 2003, 117, 200-208.	0.5	23
69	THE STRUCTURE OF PIGEON MULTIPLE-CLASS SAME-DIFFERENT LEARNING. Journal of the Experimental Analysis of Behavior, 2002, 78, 345-364.	1.1	23
70	Cognitive precedence for local information in hierarchical stimulus processing by pigeons.. Journal of Experimental Psychology, 2001, 27, 3-16.	1.7	97
71	Dynamic object perception by pigeons: discrimination of action in video presentations. Animal Cognition, 2001, 4, 137-146.	1.8	31
72	Stimulus repetition effects on texture-based visual search by pigeons.. Journal of Experimental Psychology, 2000, 26, 220-236.	1.7	6

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73	The Comparative Psychology of Avian Visual Cognition. Current Directions in Psychological Science, 2000, 9, 83-89.	5.3	27
74	Pigeon sameâ€“different concept learning with multiple stimulus classes.. Journal of Experimental Psychology, 1997, 23, 417-433.	1.7	50
75	Landmark geometry and identity controls spatial navigation in rats. Learning and Behavior, 1997, 25, 312-323.	3.4	42
76	Mechanisms of multidimensional grouping, fusion, and search in avian texture discrimination. Learning and Behavior, 1996, 24, 150-167.	3.4	57
77	Same-different texture discrimination and concept learning by pigeons.. Journal of Experimental Psychology, 1995, 21, 253-260.	1.7	61
78	The Experimental Analysis of Cognition in Animals. Psychological Science, 1993, 4, 174-178.	3.3	27
79	Acquisition and transfer of visual texture discriminations by pigeons.. Journal of Experimental Psychology, 1992, 18, 341-353.	1.7	46
80	Dimensional organization and texture discrimination in pigeons.. Journal of Experimental Psychology, 1992, 18, 354-363.	1.7	35
81	Interstimulus interval and viewing time effects in monkey list memory. Learning and Behavior, 1991, 19, 153-163.	3.4	28
82	On the Role of Memory in Concept Learning by Pigeons. Psychological Record, 1990, 40, 359-371.	0.9	12
83	RELATIONAL AND ABSOLUTE STIMULUS LEARNING BY MONKEYS IN A MEMORY TASK. Journal of the Experimental Analysis of Behavior, 1989, 52, 237-248.	1.1	22
84	Concept learning by pigeons: Matching-to-sample with trial-unique video picture stimuli. Learning and Behavior, 1988, 16, 436-444.	3.4	214
85	Flexible memory processing by rats: Use of prospective and retrospective information in the radial maze.. Journal of Experimental Psychology, 1985, 11, 453-469.	1.7	130
86	Retroactive interference in pigeon short-term memory by a reduction in ambient illumination.. Journal of Experimental Psychology, 1980, 6, 326-338.	1.7	27