

Robert G Cook

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

86
papers

2,020
citations

26
h-index

41
g-index

86
ext. papers

2,273
ext. citations

3.5
avg, IF

4.93
L-index

#	Paper	IF	Citations
86	Perceptual grouping and detection of trial-unique emergent structures by pigeons.. <i>Animal Cognition</i> , 2022 , 1	3.1	0
85	Within-session dynamics of categorical and memory mechanisms in pigeons. <i>Psychonomic Bulletin and Review</i> , 2021 , 28, 548-555	4.1	0
84	Towards describing scenes by animals: Pigeons' ordinal discrimination of objects varying in depth. <i>Learning and Behavior</i> , 2021 , 49, 85-98	1.3	
83	Examining the extents of same/different processing in non-human animals. <i>Current Opinion in Behavioral Sciences</i> , 2021 , 37, 98-102	4	1
82	Pigeons process actor-action configurations more readily than bystander-action configurations. <i>Learning and Behavior</i> , 2020 , 48, 41-52	1.3	0
81	An identified ensemble within a neocortical circuit encodes essential information for genetically-enhanced visual shape learning. <i>Hippocampus</i> , 2019 , 29, 710-725	3.5	7
80	Perception of Ebbinghaus-Titchener stimuli in starlings (<i>Sturnus vulgaris</i>). <i>Animal Cognition</i> , 2019 , 22, 973-989	3.1	6
79	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	1.9	1
78	Pigeons simultaneously attend to static and dynamic features of complex displays. <i>Behavioural Processes</i> , 2019 , 158, 77-84	1.6	1
77	Testing analogical rule transfer in pigeons (<i>Columba livia</i>). <i>Cognition</i> , 2019 , 183, 256-268	3.5	11
76	Examination of long-term visual memorization capacity in the Clark's nutcracker (<i>Nucifraga columbiana</i>). <i>Psychonomic Bulletin and Review</i> , 2018 , 25, 2274-2280	4.1	1
75	Characteristic and intermingled neocortical circuits encode different visual object discriminations. <i>Behavioural Brain Research</i> , 2017 , 331, 261-275	3.4	2
74	Pigeons and humans use action and pose information to categorize complex human behaviors. <i>Vision Research</i> , 2017 , 131, 16-25	2.1	7
73	Dynamic cue use in pigeon mid-session reversal. <i>Behavioural Processes</i> , 2017 , 137, 53-63	1.6	14
72	Detection and discrimination of complex sounds by pigeons (<i>Columba livia</i>). <i>Behavioural Processes</i> , 2016 , 123, 114-24	1.6	1
71	Complex conditional control by pigeons in a continuous virtual environment. <i>Journal of the Experimental Analysis of Behavior</i> , 2016 , 105, 211-29	2.1	4
70	The Organization of Behavior Over Time: Insights from Mid-Session Reversal. <i>Comparative Cognition and Behavior Reviews</i> , 2016 , 11, 103-125		18

69	The perception of Glass patterns by starlings (<i>Sturnus vulgaris</i>). <i>Psychonomic Bulletin and Review</i> , 2015 , 22, 687-93	4.1	6
68	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	1.4	7
67	Pigeons use high spatial frequencies when memorizing pictures. <i>Journal of Experimental Psychology Animal Learning and Cognition</i> , 2015 , 41, 277-85	1.4	4
66	Temporal dynamics of task switching and abstract-concept learning in pigeons. <i>Frontiers in Psychology</i> , 2015 , 6, 1334	3.4	7
65	Experimental Divergences in the Visual Cognition of Birds and Mammals. <i>Comparative Cognition and Behavior Reviews</i> , 2015 , 10, 73-105		18
64	Endpoint distinctiveness facilitates analogical mapping in pigeons. <i>Behavioural Processes</i> , 2015 , 112, 72-80	1.6	0
63	Visualizing search behavior with adaptive discriminations. <i>Behavioural Processes</i> , 2014 , 102, 40-50	1.6	2
62	Shape from shading in starlings (<i>Sturnus vulgaris</i>). <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2014 , 128, 343-56	2.1	10
61	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: 1983)</i> , 2014 , 128, 387-401	2.1	6
60	Discrimination of complex human behavior by pigeons (<i>Columba livia</i>) and humans. <i>PLoS ONE</i> , 2014 , 9, e112342	3.7	6
59	Visual control of an action discrimination in pigeons. <i>Journal of Vision</i> , 2014 , 14, 16	0.4	13
58	"Insight" in pigeons: absence of means-end processing in displacement tests. <i>Animal Cognition</i> , 2014 , 17, 207-20	3.1	10
57	Categorization of birds, mammals, and chimeras by pigeons. <i>Behavioural Processes</i> , 2013 , 93, 98-110	1.6	20
56	Active change detection by pigeons and humans. <i>Journal of Experimental Psychology</i> , 2013 , 39, 383-9		9
55	The adaptive analysis of visual cognition using genetic algorithms. <i>Journal of Experimental Psychology</i> , 2013 , 39, 357-76		5
54	Functional Segregation of the Entopallium in Pigeons. <i>Philosophy</i> , 2013 , 130, 59-86	0.4	11
53	Black-capped chickadee (<i>Poecile atricapillus</i>) and human (<i>Homo sapiens</i>) chord discrimination. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2012 , 126, 57-67	2.1	15
52	Implicit and explicit categorization: a tale of four species. <i>Neuroscience and Biobehavioral Reviews</i> , 2012 , 36, 2355-69	9	138

51	Discrimination and categorization of actions by pigeons. <i>Psychological Science</i> , 2012 , 23, 617-24	7.9	14
50	Auditory same/different concept learning and generalization in black-capped chickadees (<i>Poecile atricapillus</i>). <i>PLoS ONE</i> , 2012 , 7, e47691	3.7	3
49	CaMKII, MAPK, and CREB are coactivated in identified neurons in a neocortical circuit required for performing visual shape discriminations. <i>Hippocampus</i> , 2012 , 22, 2276-89	3.5	11
48	Shape from shading in pigeons. <i>Cognition</i> , 2012 , 124, 284-303	3.5	25
47	Temporal properties of visual search in pigeon target localization. <i>Journal of Experimental Psychology</i> , 2012 , 38, 209-16		11
46	Pigeons categorization may be exclusively nonanalytic. <i>Psychonomic Bulletin and Review</i> , 2011 , 18, 414-21	4.1	85
45	Discrimination of dynamic change and constancy over time by pigeons. <i>Psychonomic Bulletin and Review</i> , 2011 , 18, 697-704	4.1	2
44	Velocity-based motion categorization by pigeons. <i>Journal of Experimental Psychology</i> , 2011 , 37, 175-88		10
43	Chord Discrimination by Pigeons. <i>Music Perception</i> , 2010 , 27, 183-196	1.6	18
42	Testing meter, rhythm, and tempo discriminations in pigeons. <i>Behavioural Processes</i> , 2010 , 85, 99-110	1.6	33
41	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, 14478-83	11.5	19
40	Temporal control of internal states in pigeons. <i>Psychonomic Bulletin and Review</i> , 2010 , 17, 915-22	4.1	43
39	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, 9530-3	11.5	24
38	Improved spatial learning in aged rats by genetic activation of protein kinase C in small groups of hippocampal neurons. <i>Hippocampus</i> , 2009 , 19, 413-23	3.5	29
37	Generalized auditory same-different discrimination by pigeons. <i>Journal of Experimental Psychology</i> , 2009 , 35, 108-15		12
36	Rotational object discrimination by pigeons. <i>Journal of Experimental Psychology</i> , 2009 , 35, 250-65		18
35	Absolute and relational control of a sequential auditory discrimination by pigeons (<i>Columba livia</i>). <i>Behavioural Processes</i> , 2008 , 77, 210-22	1.6	11
34	Learning and transfer of relational matching-to-sample by pigeons. <i>Psychonomic Bulletin and Review</i> , 2007 , 14, 1107-14	4.1	35

33	The role of video coherence on object-based motion discriminations by pigeons. <i>Journal of Experimental Psychology</i> , 2007 , 33, 287-98		15
32	Mind the gap: means-end discrimination by pigeons. <i>Animal Behaviour</i> , 2006 , 71, 599-608	2.8	26
31	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	1.3	8
30	Stages of abstraction and exemplar memorization in pigeon category learning. <i>Psychological Science</i> , 2006 , 17, 1059-67	7.9	63
29	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, 17564-7	11.5	90
28	The contribution of monocular depth cues to scene perception by pigeons. <i>Psychological Science</i> , 2006 , 17, 628-34	7.9	35
27	Short-term item memory in successive same-different discriminations. <i>Behavioural Processes</i> , 2006 , 72, 255-64	1.6	7
26	Avian detection and identification of perceptual organization in random noise. <i>Behavioural Processes</i> , 2005 , 69, 79-95	1.6	13
25	Two-item same-different concept learning in pigeons. <i>Learning and Behavior</i> , 2005 , 33, 67-77		60
24	Capacity and limits of associative memory in pigeons. <i>Psychonomic Bulletin and Review</i> , 2005 , 12, 350-8	4.1	61
23	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, 8468-81	6.6	38
22	Touchscreen-enhanced visual learning in rats. <i>Behavior Research Methods</i> , 2004 , 36, 101-6		37
21	Variability discrimination in humans and animals: implications for adaptive action. <i>American Psychologist</i> , 2004 , 59, 879-90	9.5	91
20	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, 200-8	2.1	20
19	Successive two-item same-different discrimination and concept learning by pigeons. <i>Behavioural Processes</i> , 2003 , 62, 125-144	1.6	45
18	The structure of pigeon multiple-class same-different learning. <i>Journal of the Experimental Analysis of Behavior</i> , 2002 , 78, 345-64	2.1	17
17	Cognitive precedence for local information in hierarchical stimulus processing by pigeons.. <i>Journal of Experimental Psychology</i> , 2001 , 27, 3-16		56
16	Dynamic object perception by pigeons: discrimination of action in video presentations. <i>Animal Cognition</i> , 2001 , 4, 137-46	3.1	21

15	Stimulus repetition effects on texture-based visual search by pigeons.. <i>Journal of Experimental Psychology</i> , 2000 , 26, 220-236		4
14	The Comparative Psychology of Avian Visual Cognition. <i>Current Directions in Psychological Science</i> , 2000 , 9, 83-89	6.5	20
13	Pigeon same-different concept learning with multiple stimulus classes.. <i>Journal of Experimental Psychology</i> , 1997 , 23, 417-433		43
12	Landmark geometry and identity controls spatial navigation in rats. <i>Learning and Behavior</i> , 1997 , 25, 312-323		27
11	Mechanisms of multidimensional grouping, fusion, and search in avian texture discrimination. <i>Learning and Behavior</i> , 1996 , 24, 150-167		40
10	Same-different texture discrimination and concept learning by pigeons.. <i>Journal of Experimental Psychology</i> , 1995 , 21, 253-260		42
9	The Experimental Analysis of Cognition in Animals. <i>Psychological Science</i> , 1993 , 4, 174-178	7.9	20
8	Acquisition and transfer of visual texture discriminations by pigeons.. <i>Journal of Experimental Psychology</i> , 1992 , 18, 341-353		32
7	Dimensional organization and texture discrimination in pigeons.. <i>Journal of Experimental Psychology</i> , 1992 , 18, 354-363		34
6	Interstimulus interval and viewing time effects in monkey list memory. <i>Learning and Behavior</i> , 1991 , 19, 153-163		22
5	On the Role of Memory in Concept Learning by Pigeons. <i>Psychological Record</i> , 1990 , 40, 359-371	1.1	8
4	Relational and absolute stimulus learning by monkeys in a memory task. <i>Journal of the Experimental Analysis of Behavior</i> , 1989 , 52, 237-48	2.1	13
3	Concept learning by pigeons: Matching-to-sample with trial-unique video picture stimuli. <i>Learning and Behavior</i> , 1988 , 16, 436-444		130
2	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		92
1	Retroactive interference in pigeon short-term memory by a reduction in ambient illumination.. <i>Journal of Experimental Psychology</i> , 1980 , 6, 326-338		26