

Andy J Wills

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,325
citations

393982

19
h-index

377514

34
g-index

60
all docs

60
docs citations

60
times ranked

1099
citing authors

#	ARTICLE	IF	CITATIONS
1	Attention and associative learning in humans: An integrative review.. Psychological Bulletin, 2016, 142, 1111-1140.	5.5	220
2	Predictive Learning, Prediction Errors, and Attention: Evidence from Event-related Potentials and Eye Tracking. Journal of Cognitive Neuroscience, 2007, 19, 843-854.	1.1	96
3	On the adequacy of current empirical evaluations of formal models of categorization.. Psychological Bulletin, 2012, 138, 102-125.	5.5	86
4	A comparative analysis of the categorization of multidimensional stimuli: I. Unidimensional classification does not necessarily imply analytic processing; evidence from pigeons (<i>Columba livia</i>), squirrels (<i>Sciurus carolinensis</i>), and humans (<i>Homo sapiens</i>).. Journal of Comparative Psychology (Washington, D C: 1983), 2009, 123, 391-405.	0.3	65
5	Feature- versus rule-based generalization in rats, pigeons and humans. Animal Cognition, 2015, 18, 1267-1284.	0.9	53
6	Cueing an unresolved personal goal causes persistent ruminative self-focus: An experimental evaluation of control theories of rumination. Journal of Behavior Therapy and Experimental Psychiatry, 2013, 44, 449-455.	0.6	50
7	Global-feature classification can be acquired more rapidly than local-feature classification in both humans and pigeons. Animal Cognition, 2004, 7, 109-113.	0.9	48
8	Processes of overall similarity sorting in free classification.. Journal of Experimental Psychology: Human Perception and Performance, 2008, 34, 676-692.	0.7	42
9	A comparative analysis of the categorization of multidimensional stimuli: II. Strategic information search in humans (<i>Homo sapiens</i>) but not in pigeons (<i>Columba livia</i>).. Journal of Comparative Psychology (Washington, D C: 1983), 2009, 123, 406-420.	0.3	42
10	Model-free and model-based reward prediction errors in EEG. NeuroImage, 2018, 178, 162-171.	2.1	42
11	The Influence of Stimulus Properties on Category Construction.. Journal of Experimental Psychology: Learning Memory and Cognition, 2004, 30, 407-415.	0.7	40
12	COVIS. , 2011, , 65-87.		39
13	The neural basis of overall similarity and single-dimension sorting. NeuroImage, 2009, 46, 319-326.	2.1	31
14	Negative mood reverses devaluation of goal-directed drug-seeking favouring an incentive learning account of drug dependence. Psychopharmacology, 2015, 232, 3235-3247.	1.5	29
15	Feedback can be superior to observational training for both rule-based and information-integration category structures. Quarterly Journal of Experimental Psychology, 2015, 68, 1203-1222.	0.6	28
16	A Comparison of the neural correlates that underlie rule-based and information-integration category learning. Human Brain Mapping, 2016, 37, 3557-3574.	1.9	28
17	Effects of concurrent load on feature- and rule-based generalization in human contingency learning.. Journal of Experimental Psychology, 2011, 37, 308-316.	1.9	26
18	The Outcome Specificity of Learned Predictiveness Effects: Parallels Between Human Causal Learning and Animal Conditioning.. Journal of Experimental Psychology, 2005, 31, 226-236.	1.9	25

#	ARTICLE	IF	CITATIONS
19	Prediction Errors and Attention in the Presence and Absence of Feedback. <i>Current Directions in Psychological Science</i> , 2009, 18, 95-100.	2.8	25
20	Combination or Differentiation? Two theories of processing order in classification. <i>Cognitive Psychology</i> , 2015, 80, 1-33.	0.9	23
21	Learning from failure: Errorful generation improves memory for items, not associations. <i>Journal of Memory and Language</i> , 2019, 104, 70-82.	1.1	22
22	Reinstating the Frontal Lobes? Having More Time to Think Improves Implicit Perceptual Categorization. <i>Psychological Science</i> , 2013, 24, 386-389.	1.8	17
23	Does maintenance of colour categories rely on language? Evidence to the contrary from a case of semantic dementia. <i>Brain and Language</i> , 2007, 103, 251-263.	0.8	16
24	Is overall similarity classification less effortful than single-dimension classification?. <i>Quarterly Journal of Experimental Psychology</i> , 2013, 66, 299-318.	0.6	16
25	Attention, predictive learning, and the inverse base-rate effect: Evidence from event-related potentials. <i>NeuroImage</i> , 2014, 87, 61-71.	2.1	16
26	The Neural Correlates of Similarity- and Rule-based Generalization. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 150-166.	1.1	16
27	Formation of category representations. <i>Memory and Cognition</i> , 2006, 34, 17-27.	0.9	15
28	Does Rumination Cause "Inhibitory" Deficits?. <i>Psychopathology Review</i> , 2017, a4, 341-376.	0.9	13
29	Grey squirrels (<i>Sciurus carolinensis</i>) show a feature-negative effect specific to social learning. <i>Animal Cognition</i> , 2010, 13, 219-227.	0.9	12
30	Free classification of large sets of everyday objects is more thematic than taxonomic. <i>Acta Psychologica</i> , 2017, 172, 26-40.	0.7	12
31	Due Process in Dual Process: Model-Recovery Simulations of Decision-Bound Strategy Analysis in Category Learning. <i>Cognitive Science</i> , 2018, 42, 833-860.	0.8	11
32	Multiple feature use in pigeons' category discrimination: The influence of stimulus set structure and the salience of stimulus differences.. <i>Journal of Experimental Psychology Animal Learning and Cognition</i> , 2018, 44, 114-127.	0.3	11
33	Selective effects of errorful generation on recognition memory: the role of motivation and surprise. <i>Memory</i> , 2019, 27, 1250-1262.	0.9	10
34	Interpreting the effects of image manipulation on picture perception in pigeons (<i>Columba livia</i>) and humans (<i>Homo sapiens</i>).. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2011, 125, 48-60.	0.3	9
35	Unitization, similarity, and overt attention in categorization and exposure. <i>Memory and Cognition</i> , 2011, 39, 1518-1533.	0.9	9
36	Transfer of learned category-response associations is modulated by instruction. <i>Acta Psychologica</i> , 2018, 184, 144-167.	0.7	9

#	ARTICLE	IF	CITATIONS
37	Initial training with difficult items does not facilitate category learning. Quarterly Journal of Experimental Psychology, 2019, 72, 151-167.	0.6	8
38	Dissociable learning processes, associative theory, and testimonial reviews: A comment on Smith and Church (2018). Psychonomic Bulletin and Review, 2019, 26, 1988-1993.	1.4	6
39	Amnesic patients show superior generalization in category learning.. Neuropsychology, 2016, 30, 915-919.	1.0	6
40	Long-term persistence of sort strategy in free classification. Acta Psychologica, 2009, 130, 161-167.	0.7	5
41	Syntactic transfer in artificial grammar learning. Psychonomic Bulletin and Review, 2010, 17, 122-128.	1.4	5
42	Progress in Modeling Through Distributed Collaboration. Psychology of Learning and Motivation - Advances in Research and Theory, 2017, 66, 79-115.	0.5	5
43	Automaticity and cognitive control: Effects of cognitive load on cue-controlled reward choice. Quarterly Journal of Experimental Psychology, 2019, 72, 1507-1521.	0.6	5
44	The benefits of impossible tests: Assessing the role of error-correction in the pretesting effect. Memory and Cognition, 2022, 50, 296-311.	0.9	5
45	Theory protection in associative learning: Humans maintain certain beliefs in a manner that violates prediction error.. Journal of Experimental Psychology Animal Learning and Cognition, 2020, 46, 151-161.	0.3	5
46	Models of Categorization. , 2013, , .		4
47	A cognitive category-learning model of rule abstraction, attention learning, and contextual modulation.. Psychological Review, 2022, 129, 1211-1248.	2.7	4
48	State-Trace Analysis: Dissociable Processes in a Connectionist Network?. Cognitive Science, 2015, 39, 1047-1061.	0.8	3
49	A dimensional summation account of polymorphous category learning. Learning and Behavior, 2020, 48, 66-83.	0.5	3
50	Simultaneous backward conditioned inhibition and mediated conditioning.. Journal of Experimental Psychology, 2011, 37, 241-245.	1.9	2
51	Modeling human sequence learning under incidental conditions.. Journal of Experimental Psychology, 2013, 39, 166-173.	1.9	2
52	In defence of effect-centric research.. Journal of Applied Research in Memory and Cognition, 2017, 6, 43-46.	0.7	1
53	Representing uncertainty in the Rescorla-Wagner model: Blocking, the redundancy effect, and outcome base rate. , 2021, , 14-21.		1
54	The effect of preexposure on overall similarity categorization.. Journal of Experimental Psychology Animal Learning and Cognition, 2020, 46, 65-82.	0.3	1

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55	Neural correlates of the inverse base rate effect. <i>Human Brain Mapping</i> , 2022, 43, 1370-1380.	1.9	1
56	Theory protection: Do humans protect existing associative links?. <i>Journal of Experimental Psychology Animal Learning and Cognition</i> , 2022, 48, 1-16.	0.3	1
57	The simplicity model of unsupervised categorization. , 0, , 199-219.		0
58	Representation development, perceptual learning, and concept formation. <i>Behavioral and Brain Sciences</i> , 2011, 34, 141-142.	0.4	0
59	On the adequacy of Bayesian evaluations of categorization models: Reply to Vanpaemel and Lee (2012).. <i>Psychological Bulletin</i> , 2012, 138, 1259-1261.	5.5	0
60	Similarities and differences: Comment on Chan et al. (2021).. <i>Journal of Experimental Psychology Animal Learning and Cognition</i> , 2021, 47, 216-217.	0.3	0