Armando D B Machado

List of Publications by Year
in descending order

89 papers	1,970 citations	393982 19 h-index	276539 41 g-index
95 all docs	95 docs citations	95 times ranked	746 citing authors

#	Article	IF	Citations
1	Learning the temporal dynamics of behavior.. Psychological Review, 1997, 104, 241-265.	2.7	330
2	In defense of Piaget's theory: A reply to 10 common criticisms.. Psychological Review, 1996, 103, 143-164.	2.7	293
3	The process of recurrent choice.. Psychological Review, 1993, 100, 320-341.	2.7	112
4	Toward a richer view of the scientific method: The role of conceptual analysis.. American Psychologist, 2007, 62, 671-681.	3.8	98
5	OPERANT CONDITIONING OF BEHAVIORAL VARIABILITY USING A PERCENTILE REINFORCEMENT SCHEDULE. Journal of the Experimental Analysis of Behavior, 1989, 52, 155-166.	0.8	92
6	LEARNING TO TIME: A PERSPECTIVE. Journal of the Experimental Analysis of Behavior, 2009, 92, 423-458.	0.8	63
7	INCREASING THE VARIABILITY OF RESPONSE SEQUENCES IN PIGEONS BY ADJUSTING THE FREQUENCY OF SWITCHING BETWEEN TWO KEYS. Journal of the Experimental Analysis of Behavior, 1997, 68, 1-25.	0.8	61
8	BEHAVIORAL VARIABILITY AND FREQUENCY-DEPENDENT SELECTION. Journal of the Experimental Analysis of Behavior, 1992, 58, 241-263.	0.8	57
9	SHIFTS IN THE PSYCHOMETRIC FUNCTION AND THEIR IMPLICATIONS FOR MODELS OF TIMING. Journal of the Experimental Analysis of Behavior, 2000, 74, 25-54.	0.8	51
10	Learning to Time (LET) or Scalar Expectancy Theory (SET)? A Critical Test of Two Models of Timing. Psychological Science, 1999, 10, 285-290.	1.8	50
11	Testing the boundaries of â€œparadoxicalâ€•predictions: Pigeons do disregard bad news.. Journal of Experimental Psychology Animal Learning and Cognition, 2016, 42, 336-346.	0.3	37
12	Temporal discrimination in a long operant chamber. Behavioural Processes, 2003, 62, 157-182.	0.5	33
13	Learning variable and stereotypical sequences of responses: Some data and a new model. Behavioural Processes, 1993, 30, 103-129.	0.5	32
14	Acquisition and extinction under periodic reinforcement. Behavioural Processes, 1998, 44, 237-262.	0.5	32
15	Testing the scalar expectancy theory (SET) and the learning-to-time model (LeT) in a double bisection task. Learning and Behavior, 2005, 33, 111-122.	3.4	28
16	Ultimate explanations and suboptimal choice. Behavioural Processes, 2018, 152, 63-72.	0.5	23
17	Polymorphic response patterns under frequency-dependent selection. Learning and Behavior, 1994, 22, 53-71.	3.4	21
18	Further tests of the Scalar Expectancy Theory (SET) and the Learning-to-Time (LeT) model in a temporal bisection task. Behavioural Processes, 2006, 72, 195-206.	0.5	21

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19	Shifts in the psychophysical function in rats. Behavioural Processes, 2007, 75, 167-175.	0.5	20
20	ASSOCIATIVE SYMMETRY BY PIGEONS AFTER FEWâ€EXEMPLAR TRAINING. Journal of the Experimental Analysis of Behavior, 2010, 94, 283-295.	0.8	20
21	Effects of motion on time perception. Behavioural Processes, 2013, 95, 50-59.	0.5	20
22	Trial frequency effects in human temporal bisection: Implications for theories of timing. Behavioural Processes, 2014, 101, 81-88.	0.5	20
23	Do pigeons (Columba livia) use information about the absence of food appropriately? A further look into suboptimal choice.. Journal of Comparative Psychology (Washington, D C: 1983), 2017, 131, 277-289.	0.3	17
24	CONTEXT EFFECTS IN A TEMPORAL DISCRIMINATION TASK: FURTHER TESTS OF THE SCALAR EXPECTANCY THEORY AND LEARNINGâ€TOâ€TIME MODELS. Journal of the Experimental Analysis of Behavior, 2008, 90, 33-51.	0.8	16
25	The Î”â€“â^ hypothesis: How contrast and reinforcement rate combine to generate suboptimal choice. Journal of the Experimental Analysis of Behavior, 2020, 113, 591-608.	0.8	16
26	GREATNESS AND MISERY IN THE TEACHING OF THE PSYCHOLOGY OF LEARNING. Journal of the Experimental Analysis of Behavior, 1998, 70, 215-234.	0.8	15
27	YOU CAN LEAD AN APE TO A TOOL, BUT â€¦: A REVIEW OF POVINELLI'S FOLK PHYSICS FOR APES: THE CHIMPANZEE'S THEORY OF HOW THE WORLD WORKS. Journal of the Experimental Analysis of Behavior, 2003, 79, 267-286.	0.8	15
28	The effect of sample duration and cue on a double temporal discrimination. Learning and Motivation, 2008, 39, 71-94.	0.6	15
29	Oscillations following periodic reinforcement. Behavioural Processes, 2009, 81, 170-188.	0.5	15
30	Relative numerosity discrimination in the pigeon: further tests of the linear-exponential-ratio model. Behavioural Processes, 2002, 57, 131-148.	0.5	14
31	HOW PIGEONS DISCRIMINATE THE RELATIVE FREQUENCY OF EVENTS. Journal of the Experimental Analysis of Behavior, 1999, 72, 151-175.	0.8	13
32	The effect of reinforcement probability on time discrimination in the midsession reversal task. Journal of the Experimental Analysis of Behavior, 2019, 111, 371-386.	0.8	12
33	The evolution of the behavior systems framework and its connection to interbehavioral psychology. Behavioural Processes, 2019, 158, 117-125.	0.5	12
34	The paradoxical effect of low reward probabilities in suboptimal choice.. Journal of Experimental Psychology Animal Learning and Cognition, 2018, 44, 180-193.	0.3	12
35	THE DIFFERENTIATION OF RESPONSE NUMEROSITIES IN THE PIGEON. Journal of the Experimental Analysis of Behavior, 2007, 88, 153-178.	0.8	11
36	Context Effects in a Temporal Discrimination Task: Further Tests of the Scalar Expectancy Theory and Learning-to-Time Models. Journal of the Experimental Analysis of Behavior, 2008, 90, 33-51.	0.8	11

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37	Operant variability: Procedures and processes. The Behavior Analyst, 2012, 35, 249-255.	2.5	11
38	Learning in the temporal bisection task: Relative or absolute?. Journal of Experimental Psychology Animal Learning and Cognition, 2016, 42, 67-81.	0.3	11
39	Animal timing: a synthetic approach. Animal Cognition, 2016, 19, 707-732.	0.9	11
40	The functional equivalence of two variants of the suboptimal choice task: choice proportion and response latency as measures of value. Animal Cognition, 2021, 24, 85-98.	0.9	11
41	Coding in pigeons: Multipleâ€coding versus singleâ€code/default strategies. Journal of the Experimental Analysis of Behavior, 2015, 103, 472-483.	0.8	10
42	Acquisition versus steady state in the time-left experiment. Behavioural Processes, 2006, 71, 172-187.	0.5	9
43	RELATIVE VERSUS ABSOLUTE STIMULUS CONTROL IN THE TEMPORAL BISECTION TASK. Journal of the Experimental Analysis of Behavior, 2012, 98, 23-44.	0.8	9
44	On the content of learning in interval timing: Representations or associations?. Behavioural Processes, 2013, 95, 8-17.	0.5	9
45	Representation of time intervals in a double bisection task: Relative or absolute?. Behavioural Processes, 2009, 81, 280-285.	0.5	8
46	Context effect in a temporal bisection task with the choice keys available during the sample. Behavioural Processes, 2009, 81, 286-292.	0.5	8
47	THE INTERACTION OF TEMPORAL GENERALIZATION GRADIENTS PREDICTS THE CONTEXT EFFECT. Journal of the Experimental Analysis of Behavior, 2012, 97, 263-279.	0.8	8
48	Timing in animals: From the natural environment to the laboratory, from data to models.. , 2017, , 509-534.		8
49	Log versus linear timing in human temporal bisection: A signal detection theory study.. Journal of Experimental Psychology Animal Learning and Cognition, 2018, 44, 396-408.	0.3	8
50	THE DISCRIMINATION OF RELATIVE FREQUENCY BY PIGEONS. Journal of the Experimental Analysis of Behavior, 1997, 67, 11-41.	0.8	7
51	Short-term memory for temporal intervals: Contrasting explanations of the choose-short effect in pigeons. Learning and Motivation, 2011, 42, 13-25.	0.6	7
52	Unraveling sources of stimulus control in a temporal discrimination task. Learning and Behavior, 2017, 45, 20-28.	0.5	7
53	INTERNAL STATES: NECESSARY BUT NOT SUFFICIENT. Journal of the Experimental Analysis of Behavior, 1993, 60, 469-472.	0.8	6
54	Plus Ã§a change . . . : Jost, Piaget, and the dynamics of embodiment. Behavioral and Brain Sciences, 2001, 24, 63-65.	0.4	6

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55	NUMEROSITY DISCRIMINATION IN PRESCHOOL CHILDREN. Journal of the Experimental Analysis of Behavior, 2007, 88, 339-354.	0.8	6
56	The context effect as interaction of temporal generalization gradients: Testing the fundamental assumptions of the Learning-to-Time model. Behavioural Processes, 2013, 95, 18-30.	0.5	6
57	Testing the Î”â€â^ hypothesis in the suboptimal choice task: Same delta with different probabilities of reinforcement. Journal of the Experimental Analysis of Behavior, 2020, 114, 233-247.	0.8	6
58	On the clarification of concepts: A Reply to Gallistel (2007) and Lau (2007).. American Psychologist, 2007, 62, 689-691.	3.8	5
59	Prospective timing in pigeons: Isolating temporal perception in the time-left procedure. Behavioural Processes, 2010, 84, 490-499.	0.5	5
60	ERRORLESS LEARNING OF A CONDITIONAL TEMPORAL DISCRIMINATION. Journal of the Experimental Analysis of Behavior, 2011, 95, 1-20.	0.8	5
61	What do humans learn in a double, temporal bisection task: Absolute or relative stimulus durations?. Behavioural Processes, 2013, 95, 40-49.	0.5	5
62	Joint stimulus control in a temporal discrimination task. Animal Cognition, 2017, 20, 1129-1136.	0.9	5
63	The learning of response patterns in choice situations. Learning and Behavior, 1999, 27, 251-271.	3.4	4
64	Simple discrimination in stingless bees (Melipona quadrifasciata): Probing for selectâ€•and rejectâ€stimulus control. Journal of the Experimental Analysis of Behavior, 2019, 112, 74-87.	0.8	4
65	Responding by exclusion in temporal discrimination tasks. Journal of the Experimental Analysis of Behavior, 2014, 101, 215-229.	0.8	3
66	The effect of response rate on reward value in a selfâ€control task. Journal of the Experimental Analysis of Behavior, 2015, 103, 141-152.	0.8	3
67	Effects of Nodal Distance on Conditioned Stimulus Valences Across Time. Frontiers in Psychology, 2019, 10, 742.	1.1	3
68	Rules of Conduct for Behavior Analysts in the Presence of Hypothetical Constructs: A Commentary on Eckard and Lattal (2020). Perspectives on Behavior Science, 2020, 43, 791-802.	1.1	3
69	Temporal bisection task with dogs: An exploratory study.. Psychology and Neuroscience, 2017, 10, 101-108.	0.5	3
70	Biasing performance through differential payoff in a temporal bisection task.. Journal of Experimental Psychology Animal Learning and Cognition, 2019, 45, 75-94.	0.3	3
71	Step changes in the intertrial interval in the midsession reversal task: Predicting pigeons' performance with the learningâ€toâ€time model. Journal of the Experimental Analysis of Behavior, 2020, 114, 337-353.	0.8	2
72	Constantly timing, but not always controlled by time: Evidence from the midsession reversal task.. Journal of Experimental Psychology Animal Learning and Cognition, 2021, 47, 405-419.	0.3	2

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73	A percepÃ§Ã£o do tempo: contributos do procedimento de bissecÃ§Ã£o. Temas Em Psicologia, 2013, , 49-70.	0.3	2
74	SQAB: the longer view. Behavioural Processes, 2001, 54, 1-4.	0.5	1
75	Emergent relations in pigeons following training with temporal samples. Learning and Behavior, 2013, 41, 192-204.	0.5	1
76	Temporal generalization gradients following an interdimensional discrimination protocol. Quarterly Journal of Experimental Psychology, 2016, 69, 1701-1718.	0.6	1
77	A new variable interval schedule with constant hazard rate and finite time range. Journal of the Experimental Analysis of Behavior, 2018, 110, 127-135.	0.8	1
78	Effects of differential probabilities of reinforcement on human timing. Behavioural Processes, 2020, 177, 104146.	0.5	1
79	Context Effects in Temporal Differentiation: Some Data and a Model. International Journal of Comparative Psychology, 0, 28, .	1.0	1
80	Temporal Bisection Procedure. , 2019, , 1-4.		1
81	SQAB 2001: an abundance of riches. Behavioural Processes, 2002, 57, 65-69.	0.5	0
82	Theories in Progress. Behavioural Processes, 2003, 62, vii-viii.	0.5	0
83	Dissolving the molarâ€“molecular controversy. Journal of the Experimental Analysis of Behavior, 2021, 115, 596-603.	0.8	0
84	Base rates bias performance in a temporal bisection task.. Journal of Experimental Psychology Animal Learning and Cognition, 2021, 47, 163-182.	0.3	0
85	SELEÃ‡ÃƒO DIRECIONAL DE NUMEROSIDADE: UM ESTUDO EXPLORATÃ“RIO. Revista Brasileira De Analise Do Comportamento, 2012, 3, .	0.3	0
86	As duas faces de Janus da psicologia em Portugal. Analise Psicologica, 2012, 22, 319-333.	0.2	0
87	Comportement et cognitionÂ: parallÃ©lismes et intersections. , 1995, , 293-330.		0
88	Meliorating the Suboptimal-Choice Argument. Comparative Cognition and Behavior Reviews, 0, 14, 25-32.	2.0	0
89	Temporal Bisection Procedure. , 2022, , 6895-6898.		0