

Armando D B Machado

List of Publications by Year in descending order

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91
papers

1,970
citations

394421

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276875

41
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95
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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.	3.8	330
2	In defense of Piaget's theory: A reply to 10 common criticisms.. Psychological Review, 1996, 103, 143-164.	3.8	293
3	The process of recurrent choice.. Psychological Review, 1993, 100, 320-341.	3.8	112
4	Toward a richer view of the scientific method: The role of conceptual analysis.. American Psychologist, 2007, 62, 671-681.	4.2	98
5	OPERANT CONDITIONING OF BEHAVIORAL VARIABILITY USING A PERCENTILE REINFORCEMENT SCHEDULE. Journal of the Experimental Analysis of Behavior, 1989, 52, 155-166.	1.1	92
6	LEARNING TO TIME: A PERSPECTIVE. Journal of the Experimental Analysis of Behavior, 2009, 92, 423-458.	1.1	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.	1.1	61
8	BEHAVIORAL VARIABILITY AND FREQUENCY-DEPENDENT SELECTION. Journal of the Experimental Analysis of Behavior, 1992, 58, 241-263.	1.1	57
9	SHIFTS IN THE PSYCHOMETRIC FLUNCTION AND THEIR IMPLICATIONS FOR MODELS OF TIMING. Journal of the Experimental Analysis of Behavior, 2000, 74, 25-54.	1.1	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.	3.3	50
11	Testing the boundaries of "paradoxical" predictions: Pigeons do disregard bad news.. Journal of Experimental Psychology Animal Learning and Cognition, 2016, 42, 336-346.	0.5	37
12	Temporal discrimination in a long operant chamber. Behavioural Processes, 2003, 62, 157-182.	1.1	33
13	Learning variable and stereotypical sequences of responses: Some data and a new model. Behavioural Processes, 1993, 30, 103-129.	1.1	32
14	Acquisition and extinction under periodic reinforcement. Behavioural Processes, 1998, 44, 237-262.	1.1	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.	1.1	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.	1.1	21

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19	Shifts in the psychophysical function in rats. <i>Behavioural Processes</i> , 2007, 75, 167-175.	1.1	20
20	ASSOCIATIVE SYMMETRY BY PIGEONS AFTER FEWá€EXEMPLAR TRAINING. <i>Journal of the Experimental Analysis of Behavior</i> , 2010, 94, 283-295.	1.1	20
21	Effects of motion on time perception. <i>Behavioural Processes</i> , 2013, 95, 50-59.	1.1	20
22	Trial frequency effects in human temporal bisection: Implications for theories of timing. <i>Behavioural Processes</i> , 2014, 101, 81-88.	1.1	20
23	Do pigeons (<i>Columba livia</i>) use information about the absence of food appropriately? A further look into suboptimal choice.. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2017, 131, 277-289.	0.5	17
24	CONTEXT EFFECTS IN A TEMPORAL DISCRIMINATION TASK: FURTHER TESTS OF THE SCALAR EXPECTANCY THEORY AND LEARNINGá€ŒOá€ŒTIME MODELS. <i>Journal of the Experimental Analysis of Behavior</i> , 2008, 90, 33-51.	1.1	16
25	The "á€Œ hypothesis: How contrast and reinforcement rate combine to generate suboptimal choice. <i>Journal of the Experimental Analysis of Behavior</i> , 2020, 113, 591-608.	1.1	16
26	GREATNESS AND MISERY IN THE TEACHING OF THE PSYCHOLOGY OF LEARNING. <i>Journal of the Experimental Analysis of Behavior</i> , 1998, 70, 215-234.	1.1	15
27	YOU CAN LEAD AN APE TO A TOOL, BUT á€Œ: A REVIEW OF POVINELLI'S FOLK PHYSICS FOR APES: THE CHIMPANZEE'S THEORY OF HOW THE WORLD WORKS. <i>Journal of the Experimental Analysis of Behavior</i> , 2003, 79, 267-286.	1.1	15
28	The effect of sample duration and cue on a double temporal discrimination. <i>Learning and Motivation</i> , 2008, 39, 71-94.	1.2	15
29	Oscillations following periodic reinforcement. <i>Behavioural Processes</i> , 2009, 81, 170-188.	1.1	15
30	Toward a new behaviorism: the case against perceptual reductionism. <i>Choice Reviews</i> , 1998, 35, 35-5376-35-5376.	0.2	15
31	Relative numerosity discrimination in the pigeon: further tests of the linear-exponential-ratio model. <i>Behavioural Processes</i> , 2002, 57, 131-148.	1.1	14
32	HOW PIGEONS DISCRIMINATE THE RELATIVE FREQUENCY OF EVENTS. <i>Journal of the Experimental Analysis of Behavior</i> , 1999, 72, 151-175.	1.1	13
33	The effect of reinforcement probability on time discrimination in the midsession reversal task. <i>Journal of the Experimental Analysis of Behavior</i> , 2019, 111, 371-386.	1.1	12
34	The evolution of the behavior systems framework and its connection to interbehavioral psychology. <i>Behavioural Processes</i> , 2019, 158, 117-125.	1.1	12
35	The paradoxical effect of low reward probabilities in suboptimal choice.. <i>Journal of Experimental Psychology Animal Learning and Cognition</i> , 2018, 44, 180-193.	0.5	12
36	THE DIFFERENTIATION OF RESPONSE NUMEROSITIES IN THE PIGEON. <i>Journal of the Experimental Analysis of Behavior</i> , 2007, 88, 153-178.	1.1	11

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37	Context Effects in a Temporal Discrimination Task: Further Tests of the Scalar Expectancy Theory and Learning-to-Time Models. <i>Journal of the Experimental Analysis of Behavior</i> , 2008, 90, 33-51.	1.1	11
38	Operant variability: Procedures and processes. <i>The Behavior Analyst</i> , 2012, 35, 249-255.	2.5	11
39	Learning in the temporal bisection task: Relative or absolute?. <i>Journal of Experimental Psychology Animal Learning and Cognition</i> , 2016, 42, 67-81.	0.5	11
40	Animal timing: a synthetic approach. <i>Animal Cognition</i> , 2016, 19, 707-732.	1.8	11
41	The functional equivalence of two variants of the suboptimal choice task: choice proportion and response latency as measures of value. <i>Animal Cognition</i> , 2021, 24, 85-98.	1.8	11
42	Coding in pigeons: Multiple encoding versus single encoding/default strategies. <i>Journal of the Experimental Analysis of Behavior</i> , 2015, 103, 472-483.	1.1	10
43	Acquisition versus steady state in the time-left experiment. <i>Behavioural Processes</i> , 2006, 71, 172-187.	1.1	9
44	RELATIVE VERSUS ABSOLUTE STIMULUS CONTROL IN THE TEMPORAL BISECTION TASK. <i>Journal of the Experimental Analysis of Behavior</i> , 2012, 98, 23-44.	1.1	9
45	On the content of learning in interval timing: Representations or associations?. <i>Behavioural Processes</i> , 2013, 95, 8-17.	1.1	9
46	Representation of time intervals in a double bisection task: Relative or absolute?. <i>Behavioural Processes</i> , 2009, 81, 280-285.	1.1	8
47	Context effect in a temporal bisection task with the choice keys available during the sample. <i>Behavioural Processes</i> , 2009, 81, 286-292.	1.1	8
48	THE INTERACTION OF TEMPORAL GENERALIZATION GRADIENTS PREDICTS THE CONTEXT EFFECT. <i>Journal of the Experimental Analysis of Behavior</i> , 2012, 97, 263-279.	1.1	8
49	Timing in animals: From the natural environment to the laboratory, from data to models.. , 2017, , 509-534.		8
50	Log versus linear timing in human temporal bisection: A signal detection theory study.. <i>Journal of Experimental Psychology Animal Learning and Cognition</i> , 2018, 44, 396-408.	0.5	8
51	THE DISCRIMINATION OF RELATIVE FREQUENCY BY PIGEONS. <i>Journal of the Experimental Analysis of Behavior</i> , 1997, 67, 11-41.	1.1	7
52	Short-term memory for temporal intervals: Contrasting explanations of the choose-short effect in pigeons. <i>Learning and Motivation</i> , 2011, 42, 13-25.	1.2	7
53	Unraveling sources of stimulus control in a temporal discrimination task. <i>Learning and Behavior</i> , 2017, 45, 20-28.	1.0	7
54	INTERNAL STATES: NECESSARY BUT NOT SUFFICIENT. <i>Journal of the Experimental Analysis of Behavior</i> , 1993, 60, 469-472.	1.1	6

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55	Plus Àsa change . . . : Jost, Piaget, and the dynamics of embodiment. Behavioral and Brain Sciences, 2001, 24, 63-65.	0.7	6
56	NUMEROSITY DISCRIMINATION IN PRESCHOOL CHILDREN. Journal of the Experimental Analysis of Behavior, 2007, 88, 339-354.	1.1	6
57	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.	1.1	6
58	Testing the $\hat{\tau}$ hypothesis in the suboptimal choice task: Same delta with different probabilities of reinforcement. Journal of the Experimental Analysis of Behavior, 2020, 114, 233-247.	1.1	6
59	On the clarification of concepts: A Reply to Gallistel (2007) and Lau (2007).. American Psychologist, 2007, 62, 689-691.	4.2	5
60	Prospective timing in pigeons: Isolating temporal perception in the time-left procedure. Behavioural Processes, 2010, 84, 490-499.	1.1	5
61	ERRORLESS LEARNING OF A CONDITIONAL TEMPORAL DISCRIMINATION. Journal of the Experimental Analysis of Behavior, 2011, 95, 1-20.	1.1	5
62	What do humans learn in a double, temporal bisection task: Absolute or relative stimulus durations?. Behavioural Processes, 2013, 95, 40-49.	1.1	5
63	Joint stimulus control in a temporal discrimination task. Animal Cognition, 2017, 20, 1129-1136.	1.8	5
64	The learning of response patterns in choice situations. Learning and Behavior, 1999, 27, 251-271.	3.4	4
65	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.	1.1	4
66	Responding by exclusion in temporal discrimination tasks. Journal of the Experimental Analysis of Behavior, 2014, 101, 215-229.	1.1	3
67	The effect of response rate on reward value in a selfâ€control task. Journal of the Experimental Analysis of Behavior, 2015, 103, 141-152.	1.1	3
68	Effects of Nodal Distance on Conditioned Stimulus Valences Across Time. Frontiers in Psychology, 2019, 10, 742.	2.1	3
69	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.	1.9	3
70	Temporal bisection task with dogs: An exploratory study.. Psychology and Neuroscience, 2017, 10, 101-108.	0.8	3
71	Biasing performance through differential payoff in a temporal bisection task.. Journal of Experimental Psychology Animal Learning and Cognition, 2019, 45, 75-94.	0.5	3
72	Step changes in the intertrial interval in the midsession reversal task: Predicting pigeons' performance with the learningâ€time model. Journal of the Experimental Analysis of Behavior, 2020, 114, 337-353.	1.1	2

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73	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.	0.5	2
74	A percepçã do tempo: contributos do procedimento de bissecã. Temas Em Psicologia, 2013, , 49-70.	0.3	2
75	SQAB: the longer view. Behavioural Processes, 2001, 54, 1-4.	1.1	1
76	Emergent relations in pigeons following training with temporal samples. Learning and Behavior, 2013, 41, 192-204.	1.0	1
77	Temporal generalization gradients following an interdimensional discrimination protocol. Quarterly Journal of Experimental Psychology, 2016, 69, 1701-1718.	1.1	1
78	A new variable interval schedule with constant hazard rate and finite time range. Journal of the Experimental Analysis of Behavior, 2018, 110, 127-135.	1.1	1
79	Effects of differential probabilities of reinforcement on human timing. Behavioural Processes, 2020, 177, 104146.	1.1	1
80	Context Effects in Temporal Differentiation: Some Data and a Model. International Journal of Comparative Psychology, 0, 28, .	0.3	1
81	Temporal Bisection Procedure. , 2019, , 1-4.		1
82	Omnium Skinnerium: everything you ever wanted to know about the experimetal analysis of behavior By: L.A.B. Group, Duke University, Durham, North Carolina, USA. Behavioural Processes, 1992, 27, 209-217.	1.1	0
83	SQAB 2001: an abundance of riches. Behavioural Processes, 2002, 57, 65-69.	1.1	0
84	Theories in Progress. Behavioural Processes, 2003, 62, vii-viii.	1.1	0
85	Dissolving the molarê molecular controversy. Journal of the Experimental Analysis of Behavior, 2021, 115, 596-603.	1.1	0
86	Base rates bias performance in a temporal bisection task.. Journal of Experimental Psychology Animal Learning and Cognition, 2021, 47, 163-182.	0.5	0
87	SELEã DIRECIONAL DE NUMEROSIDADE: UM ESTUDO EXPLORATãRIO. Revista Brasileira De Analise Do Comportamento, 2012, 3, .	0.1	0
88	As duas faces de Janus da psicologia em Portugal. Analise Psicologica, 2012, 22, 319-333.	0.2	0
89	Comportement et cognitionã: parallãlismes et intersections. , 1995, , 293-330.		0
90	Meliorating the Suboptimal-Choice Argument. Comparative Cognition and Behavior Reviews, 0, 14, 25-32.	2.0	0

#	ARTICLE	IF	CITATIONS
91	Temporal Bisection Procedure. , 2022, , 6895-6898.		0