

# Armando D B Machado

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | Temporal Bisection Procedure. , 2022, , 6895-6898.   |     | 0         |
| 2  | 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.                                      | 0.9 | 11        |
| 3  | Dissolving the molarâ€™molecular controversy. <i>Journal of the Experimental Analysis of Behavior</i> , 2021, 115, 596-603.  | 0.8 | 0         |
| 4  | Base rates bias performance in a temporal bisection task.. <i>Journal of Experimental Psychology Animal Learning and Cognition</i> , 2021, 47, 163-182.  | 0.3 | 0         |
| 5  | Constantly timing, but not always controlled by time: Evidence from the midsession reversal task.. <i>Journal of Experimental Psychology Animal Learning and Cognition</i> , 2021, 47, 405-419.                        | 0.3 | 2         |
| 6  | Rules of Conduct for Behavior Analysts in the Presence of Hypothetical Constructs: A Commentary on Eckard and Lattal (2020). <i>Perspectives on Behavior Science</i> , 2020, 43, 791-802.                              | 1.1 | 3         |
| 7  | Testing the $\hat{I}^{\hat{a}}$ hypothesis in the suboptimal choice task: Same delta with different probabilities of reinforcement. <i>Journal of the Experimental Analysis of Behavior</i> , 2020, 114, 233-247.      | 0.8 | 6         |
| 8  | Step changes in the intertrial interval in the midsession reversal task: Predicting pigeons' performance with the learningâ€™time model. <i>Journal of the Experimental Analysis of Behavior</i> , 2020, 114, 337-353. | 0.8 | 2         |
| 9  | Effects of differential probabilities of reinforcement on human timing. <i>Behavioural Processes</i> , 2020, 177, 104146.  | 0.5 | 1         |
| 10 | The $\hat{I}^{\hat{a}}$ hypothesis: How contrast and reinforcement rate combine to generate suboptimal choice. <i>Journal of the Experimental Analysis of Behavior</i> , 2020, 113, 591-608.                           | 0.8 | 16        |
| 11 | Simple discrimination in stingless bees ( <i>Melipona quadrifasciata</i> ): Probing for selectâ€™and rejectâ€™stimulus control. <i>Journal of the Experimental Analysis of Behavior</i> , 2019, 112, 74-87.            | 0.8 | 4         |
| 12 | Effects of Nodal Distance on Conditioned Stimulus Valences Across Time. <i>Frontiers in Psychology</i> , 2019, 10, 742.  | 1.1 | 3         |
| 13 | 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.  | 0.8 | 12        |
| 14 | The evolution of the behavior systems framework and its connection to interbehavioral psychology. <i>Behavioural Processes</i> , 2019, 158, 117-125.   | 0.5 | 12        |
| 15 | Biasing performance through differential payoff in a temporal bisection task.. <i>Journal of Experimental Psychology Animal Learning and Cognition</i> , 2019, 45, 75-94.  | 0.3 | 3         |
| 16 | Temporal Bisection Procedure. , 2019, , 1-4.   |     | 1         |
| 17 | Ultimate explanations and suboptimal choice. <i>Behavioural Processes</i> , 2018, 152, 63-72.  | 0.5 | 23        |
| 18 | A new variable interval schedule with constant hazard rate and finite time range. <i>Journal of the Experimental Analysis of Behavior</i> , 2018, 110, 127-135.  | 0.8 | 1         |

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|----|--|-----|-----------|
| 19 | 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        |
| 20 | 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         |
| 21 | Unraveling sources of stimulus control in a temporal discrimination task. Learning and Behavior, 2017, 45, 20-28.  | 0.5 | 7         |
| 22 | 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        |
| 23 | Joint stimulus control in a temporal discrimination task. Animal Cognition, 2017, 20, 1129-1136.   | 0.9 | 5         |
| 24 | Timing in animals: From the natural environment to the laboratory, from data to models.. , 2017, , 509-534.  |     | 8         |
| 25 | Temporal bisection task with dogs: An exploratory study.. Psychology and Neuroscience, 2017, 10, 101-108.  | 0.5 | 3         |
| 26 | Learning in the temporal bisection task: Relative or absolute?. Journal of Experimental Psychology Animal Learning and Cognition, 2016, 42, 67-81.   | 0.3 | 11        |
| 27 | Testing the boundaries of "paradoxical" predictions: Pigeons do disregard bad news.. Journal of Experimental Psychology Animal Learning and Cognition, 2016, 42, 336-346.                                  | 0.3 | 37        |
| 28 | Animal timing: a synthetic approach. Animal Cognition, 2016, 19, 707-732.  | 0.9 | 11        |
| 29 | Temporal generalization gradients following an interdimensional discrimination protocol. Quarterly Journal of Experimental Psychology, 2016, 69, 1701-1718.  | 0.6 | 1         |
| 30 | The effect of response rate on reward value in a self-control task. Journal of the Experimental Analysis of Behavior, 2015, 103, 141-152.  | 0.8 | 3         |
| 31 | Coding in pigeons: Multiple-coding versus single-code/default strategies. Journal of the Experimental Analysis of Behavior, 2015, 103, 472-483.  | 0.8 | 10        |
| 32 | Responding by exclusion in temporal discrimination tasks. Journal of the Experimental Analysis of Behavior, 2014, 101, 215-229.  | 0.8 | 3         |
| 33 | Trial frequency effects in human temporal bisection: Implications for theories of timing. Behavioural Processes, 2014, 101, 81-88.   | 0.5 | 20        |
| 34 | Emergent relations in pigeons following training with temporal samples. Learning and Behavior, 2013, 41, 192-204.  | 0.5 | 1         |
| 35 | What do humans learn in a double, temporal bisection task: Absolute or relative stimulus durations?. Behavioural Processes, 2013, 95, 40-49.   | 0.5 | 5         |
| 36 | On the content of learning in interval timing: Representations or associations?. Behavioural Processes, 2013, 95, 8-17.  | 0.5 | 9         |

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|----|--|-----|-----------|
| 37 | 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         |
| 38 | Effects of motion on time perception. Behavioural Processes, 2013, 95, 50-59.  | 0.5 | 20        |
| 39 | A percepção do tempo: contributos do procedimento de biseção. Temas Em Psicologia, 2013, , 49-70.  | 0.3 | 2         |
| 40 | THE INTERACTION OF TEMPORAL GENERALIZATION GRADIENTS PREDICTS THE CONTEXT EFFECT. Journal of the Experimental Analysis of Behavior, 2012, 97, 263-279.   | 0.8 | 8         |
| 41 | Operant variability: Procedures and processes. The Behavior Analyst, 2012, 35, 249-255.  | 2.5 | 11        |
| 42 | RELATIVE VERSUS ABSOLUTE STIMULUS CONTROL IN THE TEMPORAL BISECTION TASK. Journal of the Experimental Analysis of Behavior, 2012, 98, 23-44.   | 0.8 | 9         |
| 43 | SELEÇÃO DIRECIONAL DE NUMEROSIDADE: UM ESTUDO EXPLORATÓRIO. Revista Brasileira De Analise Do Comportamento, 2012, 3, .   | 0.3 | 0         |
| 44 | As duas faces de Janus da psicologia em Portugal. Analise Psicologica, 2012, 22, 319-333.  | 0.2 | 0         |
| 45 | 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         |
| 46 | ERRORLESS LEARNING OF A CONDITIONAL TEMPORAL DISCRIMINATION. Journal of the Experimental Analysis of Behavior, 2011, 95, 1-20.   | 0.8 | 5         |
| 47 | ASSOCIATIVE SYMMETRY BY PIGEONS AFTER FEW EXEMPLAR TRAINING. Journal of the Experimental Analysis of Behavior, 2010, 94, 283-295.  | 0.8 | 20        |
| 48 | Prospective timing in pigeons: Isolating temporal perception in the time-left procedure. Behavioural Processes, 2010, 84, 490-499.   | 0.5 | 5         |
| 49 | Oscillations following periodic reinforcement. Behavioural Processes, 2009, 81, 170-188.   | 0.5 | 15        |
| 50 | Representation of time intervals in a double bisection task: Relative or absolute?. Behavioural Processes, 2009, 81, 280-285.  | 0.5 | 8         |
| 51 | Context effect in a temporal bisection task with the choice keys available during the sample. Behavioural Processes, 2009, 81, 286-292.  | 0.5 | 8         |
| 52 | LEARNING TO TIME: A PERSPECTIVE. Journal of the Experimental Analysis of Behavior, 2009, 92, 423-458.  | 0.8 | 63        |
| 53 | The effect of sample duration and cue on a double temporal discrimination. Learning and Motivation, 2008, 39, 71-94.   | 0.6 | 15        |
| 54 | 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 | 16        |

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|----|---|-----|-----------|
| 55 | 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.                        | 0.8 | 11        |
| 56 | On the clarification of concepts: A Reply to Gallistel (2007) and Lau (2007).. <i>American Psychologist</i> , 2007, 62, 689-691.  | 3.8 | 5         |
| 57 | THE DIFFERENTIATION OF RESPONSE NUMEROSITIES IN THE PIGEON. <i>Journal of the Experimental Analysis of Behavior</i> , 2007, 88, 153-178.  | 0.8 | 11        |
| 58 | Shifts in the psychophysical function in rats. <i>Behavioural Processes</i> , 2007, 75, 167-175.  | 0.5 | 20        |
| 59 | NUMEROSITY DISCRIMINATION IN PRESCHOOL CHILDREN. <i>Journal of the Experimental Analysis of Behavior</i> , 2007, 88, 339-354.   | 0.8 | 6         |
| 60 | Toward a richer view of the scientific method: The role of conceptual analysis.. <i>American Psychologist</i> , 2007, 62, 671-681.  | 3.8 | 98        |
| 61 | Acquisition versus steady state in the time-left experiment. <i>Behavioural Processes</i> , 2006, 71, 172-187.  | 0.5 | 9         |
| 62 | Further tests of the Scalar Expectancy Theory (SET) and the Learning-to-Time (LeT) model in a temporal bisection task. <i>Behavioural Processes</i> , 2006, 72, 195-206.  | 0.5 | 21        |
| 63 | Testing the scalar expectancy theory (SET) and the learning-to-time model (LeT) in a double bisection task. <i>Learning and Behavior</i> , 2005, 33, 111-122.   | 3.4 | 28        |
| 64 | Theories in Progress. <i>Behavioural Processes</i> , 2003, 62, vii-viii.  | 0.5 | 0         |
| 65 | Temporal discrimination in a long operant chamber. <i>Behavioural Processes</i> , 2003, 62, 157-182.  | 0.5 | 33        |
| 66 | YOU CAN LEAD AN APE TO A TOOL, BUT NOT TO A THEORY: 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. | 0.8 | 15        |
| 67 | SQAB 2001: an abundance of riches. <i>Behavioural Processes</i> , 2002, 57, 65-69.  | 0.5 | 0         |
| 68 | Relative numerosity discrimination in the pigeon: further tests of the linear-exponential-ratio model. <i>Behavioural Processes</i> , 2002, 57, 131-148.  | 0.5 | 14        |
| 69 | SQAB: the longer view. <i>Behavioural Processes</i> , 2001, 54, 1-4.  | 0.5 | 1         |
| 70 | Plus Ça change . . . : Jost, Piaget, and the dynamics of embodiment. <i>Behavioral and Brain Sciences</i> , 2001, 24, 63-65.  | 0.4 | 6         |
| 71 | SHIFTS IN THE PSYCHOMETRIC FUNCTION AND THEIR IMPLICATIONS FOR MODELS OF TIMING. <i>Journal of the Experimental Analysis of Behavior</i> , 2000, 74, 25-54.   | 0.8 | 51        |
| 72 | Learning to Time (LET) or Scalar Expectancy Theory (SET)? A Critical Test of Two Models of Timing. <i>Psychological Science</i> , 1999, 10, 285-290.  | 1.8 | 50        |

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|----|---|-----|-----------|
| 73 | The learning of response patterns in choice situations. <i>Learning and Behavior</i> , 1999, 27, 251-271.   | 3.4 | 4         |
| 74 | HOW PIGEONS DISCRIMINATE THE RELATIVE FREQUENCY OF EVENTS. <i>Journal of the Experimental Analysis of Behavior</i> , 1999, 72, 151-175.   | 0.8 | 13        |
| 75 | Acquisition and extinction under periodic reinforcement. <i>Behavioural Processes</i> , 1998, 44, 237-262.  | 0.5 | 32        |
| 76 | GREATNESS AND MISERY IN THE TEACHING OF THE PSYCHOLOGY OF LEARNING. <i>Journal of the Experimental Analysis of Behavior</i> , 1998, 70, 215-234.  | 0.8 | 15        |
| 77 | Learning the temporal dynamics of behavior.. <i>Psychological Review</i> , 1997, 104, 241-265.  | 2.7 | 330       |
| 78 | INCREASING THE VARIABILITY OF RESPONSE SEQUENCES IN PIGEONS BY ADJUSTING THE FREQUENCY OF SWITCHING BETWEEN TWO KEYS. <i>Journal of the Experimental Analysis of Behavior</i> , 1997, 68, 1-25. | 0.8 | 61        |
| 79 | THE DISCRIMINATION OF RELATIVE FREQUENCY BY PIGEONS. <i>Journal of the Experimental Analysis of Behavior</i> , 1997, 67, 11-41.   | 0.8 | 7         |
| 80 | In defense of Piaget's theory: A reply to 10 common criticisms.. <i>Psychological Review</i> , 1996, 103, 143-164.  | 2.7 | 293       |
| 81 | Comportement et cognition: parallélismes et intersections. , 1995, , 293-330.   |     | 0         |
| 82 | Polymorphic response patterns under frequency-dependent selection. <i>Learning and Behavior</i> , 1994, 22, 53-71.  | 3.4 | 21        |
| 83 | Learning variable and stereotypical sequences of responses: Some data and a new model. <i>Behavioural Processes</i> , 1993, 30, 103-129.  | 0.5 | 32        |
| 84 | The process of recurrent choice.. <i>Psychological Review</i> , 1993, 100, 320-341.   | 2.7 | 112       |
| 85 | INTERNAL STATES: NECESSARY BUT NOT SUFFICIENT. <i>Journal of the Experimental Analysis of Behavior</i> , 1993, 60, 469-472.   | 0.8 | 6         |
| 86 | BEHAVIORAL VARIABILITY AND FREQUENCY-DEPENDENT SELECTION. <i>Journal of the Experimental Analysis of Behavior</i> , 1992, 58, 241-263.  | 0.8 | 57        |
| 87 | OPERANT CONDITIONING OF BEHAVIORAL VARIABILITY USING A PERCENTILE REINFORCEMENT SCHEDULE. <i>Journal of the Experimental Analysis of Behavior</i> , 1989, 52, 155-166.                          | 0.8 | 92        |
| 88 | Context Effects in Temporal Differentiation: Some Data and a Model. <i>International Journal of Comparative Psychology</i> , 0, 28, .   | 1.0 | 1         |
| 89 | Meliorating the Suboptimal-Choice Argument. <i>Comparative Cognition and Behavior Reviews</i> , 0, 14, 25-32.   | 2.0 | 0         |