

William M Baum

List of Publications by Year in descending order

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101
papers

6,202
citations

109137

35
h-index

69108

77
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107
all docs

107
docs citations

107
times ranked

1230
citing authors

#	ARTICLE	IF	CITATIONS
1	ON TWO TYPES OF DEVIATION FROM THE MATCHING LAW: BIAS AND UNDERMATCHING ¹ . Journal of the Experimental Analysis of Behavior, 1974, 22, 231-242.	0.8	1,242
2	CHOICE AS TIME ALLOCATION ¹ . Journal of the Experimental Analysis of Behavior, 1969, 12, 861-874.	0.8	618
3	THE CORRELATION-BASED LAW OF EFFECT ¹ . Journal of the Experimental Analysis of Behavior, 1973, 20, 137-153.	0.8	609
4	Applying evolutionary models to the laboratory study of social learning. Evolution and Human Behavior, 2005, 26, 483-508.	1.4	243
5	OPTIMIZATION AND THE MATCHING LAW AS ACCOUNTS OF INSTRUMENTAL BEHAVIOR. Journal of the Experimental Analysis of Behavior, 1981, 36, 387-403.	0.8	226
6	EFFECTS OF ALTERNATIVE REINFORCEMENT: DOES THE SOURCE MATTER? ¹ . Journal of the Experimental Analysis of Behavior, 1972, 18, 231-241.	0.8	195
7	CHOICE IN A VARIABLE ENVIRONMENT: EVERY REINFORCER COUNTS. Journal of the Experimental Analysis of Behavior, 2000, 74, 1-24.	0.8	169
8	FROM MOLECULAR TO MOLAR: A PARADIGM SHIFT IN BEHAVIOR ANALYSIS. Journal of the Experimental Analysis of Behavior, 2002, 78, 95-116.	0.8	142
9	RETHINKING REINFORCEMENT: ALLOCATION, INDUCTION, AND CONTINGENCY. Journal of the Experimental Analysis of Behavior, 2012, 97, 101-124.	0.8	141
10	Cultural evolution in laboratory microsocieties including traditions of rule giving and rule following. Evolution and Human Behavior, 2004, 25, 305-326.	1.4	128
11	CHOICE, CHANGEOVER, AND TRAVEL. Journal of the Experimental Analysis of Behavior, 1982, 38, 35-49.	0.8	112
12	TIME ALLOCATION IN HUMAN VIGILANCE ¹ . Journal of the Experimental Analysis of Behavior, 1975, 23, 45-53.	0.8	109
13	PERFORMANCES ON RATIO AND INTERVAL SCHEDULES OF REINFORCEMENT: DATA AND THEORY. Journal of the Experimental Analysis of Behavior, 1993, 59, 245-264.	0.8	81
14	DO CONDITIONAL REINFORCERS COUNT?. Journal of the Experimental Analysis of Behavior, 2006, 86, 269-283.	0.8	81
15	Choice in a continuous procedure. Learning and Behavior, 1972, 28, 263-265.	0.6	77
16	FEEDBACK FUNCTIONS FOR VARIABLE-INTERVAL REINFORCEMENT. Journal of the Experimental Analysis of Behavior, 1980, 34, 207-217.	0.8	74
17	CHOICE, CONTINGENCY DISCRIMINATION, AND FORAGING THEORY. Journal of the Experimental Analysis of Behavior, 1999, 71, 355-373.	0.8	73
18	CHOICE IN A VARIABLE ENVIRONMENT: EFFECTS OF BLACKOUT DURATION AND EXTINCTION BETWEEN COMPONENTS. Journal of the Experimental Analysis of Behavior, 2002, 77, 65-89.	0.8	73

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19	EVERY REINFORCER COUNTS: REINFORCER MAGNITUDE AND LOCAL PREFERENCE. <i>Journal of the Experimental Analysis of Behavior</i> , 2003, 80, 95-129.	0.8	69
20	Cooperation due to cultural norms, not individual reputation. <i>Behavioural Processes</i> , 2012, 91, 90-93.	0.5	66
21	TIME ALLOCATION AND NEGATIVE REINFORCEMENT ¹ . <i>Journal of the Experimental Analysis of Behavior</i> , 1973, 20, 313-322.	0.8	65
22	IN SEARCH OF THE FEEDBACK FUNCTION FOR VARIABLE-INTERVAL SCHEDULES. <i>Journal of the Experimental Analysis of Behavior</i> , 1992, 57, 365-375.	0.8	63
23	CHOICE IN A VARIABLE ENVIRONMENT: VISIT PATTERNS IN THE DYNAMICS OF CHOICE. <i>Journal of the Experimental Analysis of Behavior</i> , 2004, 81, 85-127.	0.8	60
24	RESPONSE RATE AS A FUNCTION OF AMOUNT OF REINFORCEMENT FOR A SIGNALLED CONCURRENT RESPONSE ¹ . <i>Journal of the Experimental Analysis of Behavior</i> , 1969, 12, 11-16.	0.8	58
25	Behaviorism, private events, and the molar view of behavior. <i>The Behavior Analyst</i> , 2011, 34, 185-200.	2.5	56
26	TIME-BASED AND COUNT-BASED MEASUREMENT OF PREFERENCE ¹ . <i>Journal of the Experimental Analysis of Behavior</i> , 1976, 26, 27-35.	0.8	55
27	Quantitative Prediction and Molar Description of the Environment. <i>The Behavior Analyst</i> , 1989, 12, 167-176.	2.5	52
28	What counts as behavior? The molar multiscale view. <i>The Behavior Analyst</i> , 2013, 36, 283-293.	2.5	49
29	CHAINED CONCURRENT SCHEDULES: REINFORCEMENT AS SITUATION TRANSITION ¹ . <i>Journal of the Experimental Analysis of Behavior</i> , 1974, 22, 91-101.	0.8	48
30	Learning, productivity, and noise: an experimental study of cultural transmission on the Bolivian Altiplano. <i>Evolution and Human Behavior</i> , 2007, 28, 11-17.	1.4	47
31	Molar and molecular views of choice. <i>Behavioural Processes</i> , 2004, 66, 349-359.	0.5	46
32	FIX AND SAMPLE WITH RATS IN THE DYNAMICS OF CHOICE. <i>Journal of the Experimental Analysis of Behavior</i> , 2006, 86, 43-63.	0.8	46
33	DYNAMICS OF CHOICE: A TUTORIAL. <i>Journal of the Experimental Analysis of Behavior</i> , 2010, 94, 161-174.	0.8	43
34	Behavioral explanations and intentional explanations in psychology.. <i>American Psychologist</i> , 1992, 47, 1312-1317.	3.8	38
35	Rules, Culture, and Fitness. <i>The Behavior Analyst</i> , 1995, 18, 1-21.	2.5	37
36	DYNAMICS OF CHOICE: RELATIVE RATE AND AMOUNT AFFECT LOCAL PREFERENCE AT THREE DIFFERENT TIME SCALES. <i>Journal of the Experimental Analysis of Behavior</i> , 2009, 91, 293-317.	0.8	35

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37	GROUP CHOICE: THE IDEAL FREE DISTRIBUTION OF HUMAN SOCIAL BEHAVIOR. <i>Journal of the Experimental Analysis of Behavior</i> , 2001, 76, 21-42.	0.8	34
38	Extinction as discrimination: The molar view. <i>Behavioural Processes</i> , 2012, 90, 101-110.	0.5	33
39	Behavioral and biological issues in the learning paradigm. <i>Physiological Psychology</i> , 1975, 3, 65-72.	0.8	31
40	GROUP CHOICE: COMPETITION, TRAVEL, AND THE IDEAL FREE DISTRIBUTION. <i>Journal of the Experimental Analysis of Behavior</i> , 1998, 69, 227-245.	0.8	31
41	OPTIMALITY AND CONCURRENT VARIABLE-INTERVAL VARIABLE-RATIO SCHEDULES. <i>Journal of the Experimental Analysis of Behavior</i> , 1999, 71, 75-89.	0.8	31
42	Multiscale behavior analysis and molar behaviorism: An overview. <i>Journal of the Experimental Analysis of Behavior</i> , 2018, 110, 302-322.	0.8	28
43	COMMENT: MATCHING, STATISTICS, AND COMMON SENSE. <i>Journal of the Experimental Analysis of Behavior</i> , 1983, 39, 499-501.	0.8	24
44	LOCAL EFFECTS OF DELAYED FOOD. <i>Journal of the Experimental Analysis of Behavior</i> , 2007, 87, 241-260.	0.8	24
45	Background activities, induction, and behavioral allocation in operant performance. <i>Journal of the Experimental Analysis of Behavior</i> , 2014, 102, 213-230.	0.8	24
46	WHAT IS RADICAL BEHAVIORISM? A REVIEW OF JAY MOORE'S <i>CONCEPTUAL FOUNDATIONS OF RADICAL BEHAVIORISM</i>. <i>Journal of the Experimental Analysis of Behavior</i> , 2011, 95, 119-126.	0.8	23
47	Three laws of behavior: Allocation, induction, and covariance.. <i>Behavior Analysis (Washington, D C)</i> , 2018, 18, 239-251.	0.4	23
48	MOLAR VERSUS MOLECULAR AS A PARADIGM CLASH. <i>Journal of the Experimental Analysis of Behavior</i> , 2001, 75, 338-341.	0.8	22
49	STIMULUS EFFECTS ON LOCAL PREFERENCE: STIMULUSâ€™RESPONSE CONTINGENCIES, STIMULUSâ€™FOOD PAIRING, AND STIMULUSâ€™FOOD CORRELATION. <i>Journal of the Experimental Analysis of Behavior</i> , 2010, 93, 45-59.	0.8	21
50	COMPARING LOCOMOTION WITH LEVER-PRESS TRAVEL IN AN OPERANT SIMULATION OF FORAGING. <i>Journal of the Experimental Analysis of Behavior</i> , 1997, 68, 177-192.	0.8	20
51	Selection by consequences, behavioral evolution, and the price equation. <i>Journal of the Experimental Analysis of Behavior</i> , 2017, 107, 321-342.	0.8	20
52	Random and Systematic Foraging, Experimental Studies of Depletion, and Schedules of Reinforcement. , 1987, , 587-607.		20
53	Maximization theory: Some empirical problems. <i>Behavioral and Brain Sciences</i> , 1981, 4, 389-390.	0.4	19
54	Comparing the generalized matching law and contingency discriminability model as accounts of concurrent schedule performance using residual meta-analysis. <i>Behavioural Processes</i> , 2008, 78, 224-230.	0.5	19

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55	Driven by Consequences: The Multiscale Molar View of Choice. <i>Managerial and Decision Economics</i> , 2016, 37, 239-248.	1.3	19
56	Group choice and individual choices: modeling human social behavior with the Ideal Free Distribution. <i>Behavioural Processes</i> , 2002, 57, 227-240.	0.5	18
57	GROUP FORAGING SENSITIVITY TO PREDICTABLE AND UNPREDICTABLE CHANGES IN FOOD DISTRIBUTION: PAST EXPERIENCE OR PRESENT CIRCUMSTANCES?. <i>Journal of the Experimental Analysis of Behavior</i> , 2002, 78, 179-194.	0.8	18
58	No need for private events in a science of behavior: Response to commentaries. <i>The Behavior Analyst</i> , 2011, 34, 237-244.	2.5	18
59	Choice with frequently changing food rates and food ratios. <i>Journal of the Experimental Analysis of Behavior</i> , 2014, 101, 246-274.	0.8	18
60	The role of induction in operant schedule performance. <i>Behavioural Processes</i> , 2015, 114, 26-33.	0.5	17
61	BEHAVIORAL CONTRAST OF TIME ALLOCATION1. <i>Journal of the Experimental Analysis of Behavior</i> , 1976, 25, 179-184.	0.8	16
62	The functional equivalence of operant behavior and foraging. <i>Learning and Behavior</i> , 1991, 19, 146-152.	3.4	15
63	Avoidance, induction, and the illusion of reinforcement. <i>Journal of the Experimental Analysis of Behavior</i> , 2020, 114, 116-141.	0.8	15
64	DEFINITION IN BEHAVIORAL SCIENCE: A REVIEW OF B. B. WOLMAN'S DICTIONARY OF BEHAVIORAL SCIENCE 1. <i>Journal of the Experimental Analysis of Behavior</i> , 1974, 22, 445-451.	0.8	13
65	Responseâ€reinerâ€contiguity versus responseâ€rateâ€reinerâ€rate covariance in rats' lever pressing: Support for a multiscale view. <i>Journal of the Experimental Analysis of Behavior</i> , 2020, 113, 530-548.	0.8	13
66	Being Concrete About Culture and Cultural Evolution. <i>Perspectives in Ethology</i> , 2000, , 181-212.	0.5	13
67	Allocation of speech in conversation. <i>Journal of the Experimental Analysis of Behavior</i> , 2017, 107, 258-278.	0.8	12
68	Concurrent variableâ€interval variableâ€ratio schedules in a dynamic choice environment. <i>Journal of the Experimental Analysis of Behavior</i> , 2017, 108, 367-397.	0.8	12
69	Matching theory and induction explain operant performance. <i>Journal of the Experimental Analysis of Behavior</i> , 2020, 113, 390-418.	0.8	12
70	The molar view of behavior and its usefulness in behavior analysis.. <i>The Behavior Analyst Today: A Context for Science With A Commitment for Change</i> , 2003, 4, 78-81.	0.2	12
71	THE HARVARD PIGEON LAB UNDER HERRNSTEIN. <i>Journal of the Experimental Analysis of Behavior</i> , 2002, 77, 347-355.	0.8	9
72	THE ACCIDENTAL BEHAVIORIST: A REVIEW OF THE NEW BEHAVIORISM BY JOHN STADDON. <i>Journal of the Experimental Analysis of Behavior</i> , 2004, 82, 73-78.	0.8	9

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73	Modeling the dynamics of choice. <i>Behavioural Processes</i> , 2009, 81, 189-194.	0.5	9
74	For Parsimony's Sake. <i>Journal of Organizational Behavior Management</i> , 1993, 12, 81-84.	1.0	8
75	Mathematics and Theory in Behavior Analysis: Remarks on Catania (1981), "The Flight From Experimental Analysis". <i>European Journal of Behavior Analysis</i> , 2012, 13, 177-179.	0.7	8
76	Why not ask "Does the chimpanzee have a soul?". <i>Behavioral and Brain Sciences</i> , 1998, 21, 116-116.	0.4	7
77	Establishing Operations, Yes, Molecular Analysis, No. <i>Journal of Organizational Behavior Management</i> , 2001, 21, 37-41.	1.0	7
78	Limits to preference and the sensitivity of choice to rate and amount of food. <i>Journal of the Experimental Analysis of Behavior</i> , 2016, 105, 322-337.	0.8	7
79	EVASION, PRIVATE EVENTS, AND PRAGMATISM: A REPLY TO MOORE'S RESPONSE TO MY REVIEW OF <i>CONCEPTUAL FOUNDATIONS OF RADICAL BEHAVIORISM</i>. <i>Journal of the Experimental Analysis of Behavior</i> , 2011, 95, 141-144.	0.8	5
80	The status of private events in behavior analysis. <i>Behavioral and Brain Sciences</i> , 1993, 16, 644-644.	0.4	4
81	Newton and Darwin: Can this marriage be saved?. <i>Behavioral and Brain Sciences</i> , 2000, 23, 91-92.	0.4	4
82	ALIVE AND KICKING: A REVIEW OF HANDBOOK OF BEHAVIORISM, EDITED BY WILLIAM O'DONOHUE AND RICHARD KITCHENER. <i>Journal of Applied Behavior Analysis</i> , 2000, 33, 263-270.	2.2	4
83	Resistance to extinction versus extinction as discrimination. <i>Journal of the Experimental Analysis of Behavior</i> , 2021, 115, 702-716.	0.8	4
84	Matching, induction, and covariance with mixed response-contingent food and noncontingent food. <i>Journal of the Experimental Analysis of Behavior</i> , 2021, 116, 21-43.	0.8	4
85	Introduction to Molar Behaviorism and Multiscale Behavior Analysis. , 2021, , 43-62.		4
86	Selection by consequences is a good idea. <i>Behavioral and Brain Sciences</i> , 1988, 11, 447.	0.4	2
87	Two stumbling blocks to a general account of selection: Replication and information. <i>Behavioral and Brain Sciences</i> , 2001, 24, 528-528.	0.4	2
88	RESPONSES TO STADDON, SHIMP, MALONE, AND DONAHOE. <i>Journal of the Experimental Analysis of Behavior</i> , 2004, 82, 117-120.	0.8	2
89	Getting it wrong: Comment on Moore's "Behaviorism and the stages of scientific activity". <i>The Behavior Analyst</i> , 2010, 33, 235-236.	2.5	2
90	Relativity in Hearing and Stimulus Discrimination. <i>Perspectives on Behavior Science</i> , 2019, 42, 283-289.	1.1	2

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91	Richard J. Herrnstein, a Memoir. <i>The Behavior Analyst</i> , 1994, 17, 203-206.	2.5	1
92	Editorial: The Many Faces of Behavioral Evolution. <i>Behavioural Processes</i> , 2019, 161, 1-2.	0.5	1
93	Behavioral ephemera, difficult discriminations, and behavioral stability. <i>Journal of the Experimental Analysis of Behavior</i> , 2021, 116, 379-396.	0.8	1
94	Covariance, feedback, and discounting in ratio schedules. <i>Journal of the Experimental Analysis of Behavior</i> , 2022, 117, 123-150.	0.8	1
95	Rate matching, probability matching, and optimization in concurrent ratio schedules. <i>Journal of the Experimental Analysis of Behavior</i> , 2022, 118, 96-131.	0.8	1
96	Patterns yes, agency no. <i>Behavioral and Brain Sciences</i> , 1995, 18, 122-122.	0.4	0
97	Response to Harzemâ€™s Review of Modern Perspectives on John B. Watson and Classical Behaviorism. <i>The Behavior Analyst</i> , 1996, 19, 115-116.	2.5	0
98	Maximization should sometimes lead to abstinence. <i>Behavioral and Brain Sciences</i> , 1996, 19, 589-590.	0.4	0
99	Response to Marrâ€™s and Zuriffâ€™s Reviews of Understanding Behaviorism: Science, Behavior, and Culture. <i>The Behavior Analyst</i> , 1996, 19, 125-128.	2.5	0
100	Choice of mating tactics and constrained optimality. <i>Behavioral and Brain Sciences</i> , 2000, 23, 589-590.	0.4	0
101	Behavior, process, and scale: Comments on Shimp (2020), â€œMolecular (momentâ€™toâ€™moment) and molar (aggregate) analyses of behaviorâ€™. <i>Journal of the Experimental Analysis of Behavior</i> , 2021, 115, 578-583.	0.8	0