William M Baum

List of Publications by Year
in descending order

101	6,202	109321	69250
papers	citations	35 h-index	77 g-index

107	107	107	1230
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	ON TWO TYPES OF DEVIATION FROM THE MATCHING LAW: BIAS AND UNDERMATCHING1. Journal of the Experimental Analysis of Behavior, 1974, 22, 231-242.	1.1	1,242
2	CHOICE AS TIME ALLOCATION1. Journal of the Experimental Analysis of Behavior, 1969, 12, 861-874.	1.1	618
3	THE CORRELATION-BASED LAW OF EFFECT1. Journal of the Experimental Analysis of Behavior, 1973, 20, 137-153.	1.1	609
4	Applying evolutionary models to the laboratory study of social learning. Evolution and Human Behavior, 2005, 26, 483-508.	2.2	243
5	OPTIMIZATION AND THE MATCHING LAW AS ACCOUNTS OF INSTRUMENTAL BEHAVIOR. Journal of the Experimental Analysis of Behavior, 1981, 36, 387-403.	1.1	226
6	EFFECTS OF ALTERNATIVE REINFORCEMENT: DOES THE SOURCE MATTER?1. Journal of the Experimental Analysis of Behavior, 1972, 18, 231-241.	1.1	195
7	CHOICE IN A VARIABLE ENVIRONMENT: EVERY REINFORCER COUNTS. Journal of the Experimental Analysis of Behavior, 2000, 74, 1-24.	1.1	169
8	FROM MOLECULAR TO MOLAR: A PARADIGM SHIFT IN BEHAVIOR ANALYSIS. Journal of the Experimental Analysis of Behavior, 2002, 78, 95-116.	1.1	142
9	RETHINKING REINFORCEMENT: ALLOCATION, INDUCTION, AND CONTINGENCY. Journal of the Experimental Analysis of Behavior, 2012, 97, 101-124.	1.1	141
10	Cultural evolution in laboratory microsocieties including traditions of rule giving and rule following. Evolution and Human Behavior, 2004, 25, 305-326.	2.2	128
11	CHOICE, CHANGEOVER, AND TRAVEL. Journal of the Experimental Analysis of Behavior, 1982, 38, 35-49.	1.1	112
12	TIME ALLOCATION IN HUMAN VIGILANCE1. Journal of the Experimental Analysis of Behavior, 1975, 23, 45-53.	1.1	109
13	PERFORMANCES ON RATIO AND INTERVAL SCHEDULES OF REINFORCEMENT: DATA AND THEORY. Journal of the Experimental Analysis of Behavior, 1993, 59, 245-264.	1.1	81
14	DO CONDITIONAL REINFORCERS COUNT?. Journal of the Experimental Analysis of Behavior, 2006, 86, 269-283.	1.1	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.	1.1	74
17	CHOICE, CONTINGENCY DISCRIMINATION, AND FORAGING THEORY. Journal of the Experimental Analysis of Behavior, 1999, 71, 355-373.	1.1	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.	1.1	73

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19	EVERY REINFORCER COUNTS: REINFORCER MAGNITUDE AND LOCAL PREFERENCE. Journal of the Experimental Analysis of Behavior, 2003, 80, 95-129.	1.1	69
20	Cooperation due to cultural norms, not individual reputation. Behavioural Processes, 2012, 91, 90-93.	1.1	66
21	TIME ALLOCATION AND NEGATIVE REINFORCEMENT1. Journal of the Experimental Analysis of Behavior, 1973, 20, 313-322.	1.1	65
22	IN SEARCH OF THE FEEDBACK FUNCTION FOR VARIABLE-INTERVAL SCHEDULES. Journal of the Experimental Analysis of Behavior, 1992, 57, 365-375.	1.1	63
23	CHOICE IN A VARIABLE ENVIRONMENT: VISIT PATTERNS IN THE DYNAMICS OF CHOICE. Journal of the Experimental Analysis of Behavior, 2004, 81, 85-127.	1.1	60
24	RESPONSE RATE AS A FUNCTION OF AMOUNT OF REINFORCEMENT FOR A SIGNALLED CONCURRENT RESPONSE1. Journal of the Experimental Analysis of Behavior, 1969, 12, 11-16.	1.1	58
25	Behaviorism, private events, and the molar view of behavior. The Behavior Analyst, 2011, 34, 185-200.	2.5	56
26	TIME-BASED AND COUNT-BASED MEASUREMENT OF PREFERENCE1. Journal of the Experimental Analysis of Behavior, 1976, 26, 27-35.	1.1	55
27	Quantitative Prediction and Molar Description of the Environment. The Behavior Analyst, 1989, 12, 167-176.	2.5	52
28	What counts as behavior? The molar multiscale view. The Behavior Analyst, 2013, 36, 283-293.	2.5	49
29	CHAINED CONCURRENT SCHEDULES: REINFORCEMENT AS SITUATION TRANSITION1. Journal of the Experimental Analysis of Behavior, 1974, 22, 91-101.	1.1	48
30	Learning, productivity, and noise: an experimental study of cultural transmission on the Bolivian Altiplano. Evolution and Human Behavior, 2007, 28, 11-17.	2.2	47
31	Molar and molecular views of choice. Behavioural Processes, 2004, 66, 349-359.	1.1	46
32	FIX AND SAMPLE WITH RATS IN THE DYNAMICS OF CHOICE. Journal of the Experimental Analysis of Behavior, 2006, 86, 43-63.	1.1	46
33	DYNAMICS OF CHOICE: A TUTORIAL. Journal of the Experimental Analysis of Behavior, 2010, 94, 161-174.	1.1	43
34	Behavioral explanations and intentional explanations in psychology.. American Psychologist, 1992, 47, 1312-1317.	4.2	38
35	Rules, Culture, and Fitness. The Behavior Analyst, 1995, 18, 1-21.	2.5	37
36	DYNAMICS OF CHOICE: RELATIVE RATE AND AMOUNT AFFECT LOCAL PREFERENCE AT THREE DIFFERENT TIME SCALES. Journal of the Experimental Analysis of Behavior, 2009, 91, 293-317.	1.1	35

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37	GROUP CHOICE: THE IDEAL FREE DISTRIBUTION OF HUMAN SOCIAL BEHAVIOR. Journal of the Experimental Analysis of Behavior, 2001, 76, 21-42.	1.1	34
38	Extinction as discrimination: The molar view. Behavioural Processes, 2012, 90, 101-110.	1.1	33
39	Behavioral and biological issues in the learning paradigm. Physiological Psychology, 1975, 3, 65-72.	0.8	31
40	GROUP CHOICE: COMPETITION, TRAVEL, AND THE IDEAL FREE DISTRIBUTION. Journal of the Experimental Analysis of Behavior, 1998, 69, 227-245.	1.1	31
41	OPTIMALITY AND CONCURRENT VARIABLE-INTERVAL VARIABLE-RATIO SCHEDULES. Journal of the Experimental Analysis of Behavior, 1999, 71, 75-89.	1.1	31
42	Multiscale behavior analysis and molar behaviorism: An overview. Journal of the Experimental Analysis of Behavior, 2018, 110, 302-322.	1.1	28
43	COMMENT: MATCHING, STATISTICS, AND COMMON SENSE. Journal of the Experimental Analysis of Behavior, 1983, 39, 499-501.	1.1	24
44	LOCAL EFFECTS OF DELAYED FOOD. Journal of the Experimental Analysis of Behavior, 2007, 87, 241-260.	1.1	24
45	Background activities, induction, and behavioral allocation in operant performance. Journal of the Experimental Analysis of Behavior, 2014, 102, 213-230.	1.1	24
46	WHAT IS RADICAL BEHAVIORISM? A REVIEW OF JAY MOORE'S CONCEPTUAL FOUNDATIONS OF RADICAL BEHAVIORISM. Journal of the Experimental Analysis of Behavior, 2011, 95, 119-126.	1.1	23
47	Three laws of behavior: Allocation, induction, and covariance.. Behavior Analysis (Washington, D C), 2018, 18, 239-251.	0.5	23
48	MOLAR VERSUS MOLECULAR AS A PARADIGM CLASH. Journal of the Experimental Analysis of Behavior, 2001, 75, 338-341.	1.1	22
49	STIMULUS EFFECTS ON LOCAL PREFERENCE: STIMULUSâ€"RESPONSE CONTINGENCIES, STIMULUSâ€"FOOD PAIRING, AND STIMULUSâ€"FOOD CORRELATION. Journal of the Experimental Analysis of Behavior, 2010, 93, 45-59.	1.1	21
50	COMPARING LOCOMOTION WITH LEVER-PRESS TRAVEL IN AN OPERANT SIMULATION OF FORAGING. Journal of the Experimental Analysis of Behavior, 1997, 68, 177-192.	1.1	20
51	Selection by consequences, behavioral evolution, and the price equation. Journal of the Experimental Analysis of Behavior, 2017, 107, 321-342.	1.1	20
52	Random and Systematic Foraging, Experimental Studies of Depletion, and Schedules of Reinforcement. , 1987, , 587-607.		20
53	Maximization theory: Some empirical problems. Behavioral and Brain Sciences, 1981, 4, 389-390.	0.7	19
54	Comparing the generalized matching law and contingency discriminability model as accounts of concurrent schedule performance using residual meta-analysis. Behavioural Processes, 2008, 78, 224-230.	1.1	19

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55	Driven by Consequences: The Multiscale Molar View of Choice. Managerial and Decision Economics, 2016, 37, 239-248.	2.5	19
56	Group choice and individual choices: modeling human social behavior with the Ideal Free Distribution. Behavioural Processes, 2002, 57, 227-240.	1.1	18
57	GROUP FORAGING SENSITIVITY TO PREDICTABLE AND UNPREDICTABLE CHANGES IN FOOD DISTRIBUTION: PAST EXPERIENCE OR PRESENT CIRCUMSTANCES?. Journal of the Experimental Analysis of Behavior, 2002, 78, 179-194.	1.1	18
58	No need for private events in a science of behavior: Response to commentaries. The Behavior Analyst, 2011, 34, 237-244.	2.5	18
59	Choice with frequently changing food rates and food ratios. Journal of the Experimental Analysis of Behavior, 2014, 101, 246-274.	1.1	18
60	The role of induction in operant schedule performance. Behavioural Processes, 2015, 114, 26-33.	1.1	17
61	BEHAVIORAL CONTRAST OF TIME ALLOCATION1. Journal of the Experimental Analysis of Behavior, 1976, 25, 179-184.	1.1	16
62	The functional equivalence of operant behavior and foraging. Learning and Behavior, 1991, 19, 146-152.	3.4	15
63	Avoidance, induction, and the illusion of reinforcement. Journal of the Experimental Analysis of Behavior, 2020, 114, 116-141.	1.1	15
64	DEFINITION IN BEHAVIORAL SCIENCE: A REVIEW OF B. B. WOLMAN'S DICTIONARY OF BEHAVIORAL SCIENCE 1. Journal of the Experimental Analysis of Behavior, 1974, 22, 445-451.	1.1	13
65	Responseâ€“reinforcer contiguity versus responseâ€rateâ€“reinforcerâ€rate covariance in rats' lever pressing: Support for a multiscale view. Journal of the Experimental Analysis of Behavior, 2020, 113, 530-548.	1.1	13
66	Being Concrete About Culture and Cultural Evolution. Perspectives in Ethology, 2000, , 181-212.	0.5	13
67	Allocation of speech in conversation. Journal of the Experimental Analysis of Behavior, 2017, 107, 258-278.	1.1	12
68	Concurrent variableâ€interval variableâ€ratio schedules in a dynamic choice environment. Journal of the Experimental Analysis of Behavior, 2017, 108, 367-397.	1.1	12
69	Matching theory and induction explain operant performance. Journal of the Experimental Analysis of Behavior, 2020, 113, 390-418.	1.1	12
70	The molar view of behavior and its usefulness in behavior analysis.. The Behavior Analyst Today: A Context for Science With A Commitment for Change, 2003, 4, 78-81.	0.2	12
71	THE HARVARD PIGEON LAB UNDER HERRNSTEIN. Journal of the Experimental Analysis of Behavior, 2002, 77, 347-355.	1.1	9
72	THE ACCIDENTAL BEHAVIORIST: A REVIEW OF THE NEW BEHAVIORISM BY JOHN STADDON. Journal of the Experimental Analysis of Behavior, 2004, 82, 73-78.	1.1	9

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73	Modeling the dynamics of choice. Behavioural Processes, 2009, 81, 189-194.	1.1	9
74	For Parsimony's Sake. Journal of Organizational Behavior Management, 1993, 12, 81-84.	1.2	8
75	Mathematics and Theory in Behavior Analysis: Remarks on Catania (1981), â€œThe Flight From Experimental Analysisâ€. European Journal of Behavior Analysis, 2012, 13, 177-179.	0.9	8
76	Why not ask â€œDoes the chimpanzee have a soul?â€. Behavioral and Brain Sciences, 1998, 21, 116-116.	0.7	7
77	Establishing Operations, Yes, Molecular Analysis, No. Journal of Organizational Behavior Management, 2001, 21, 37-41.	1.2	7
78	Limits to preference and the sensitivity of choice to rate and amount of food. Journal of the Experimental Analysis of Behavior, 2016, 105, 322-337.	1.1	7
79	EVASION, PRIVATE EVENTS, AND PRAGMATISM: A REPLY TO MOORE'S RESPONSE TO MY REVIEW OF CONCEPTUAL FOUNDATIONS OF RADICAL BEHAVIORISM. Journal of the Experimental Analysis of Behavior, 2011, 95, 141-144.	1.1	5
80	The status of private events in behavior analysis. Behavioral and Brain Sciences, 1993, 16, 644-644.	0.7	4
81	Newton and Darwin: Can this marriage be saved?. Behavioral and Brain Sciences, 2000, 23, 91-92.	0.7	4
82	ALIVE AND KICKING: A REVIEW OF HANDBOOK OF BEHAVIORISM, EDITED BY WILLIAM O'DONOHUE AND RICHARD KITCHENER. Journal of Applied Behavior Analysis, 2000, 33, 263-270.	2.7	4
83	Resistance to extinction versus extinction as discrimination. Journal of the Experimental Analysis of Behavior, 2021, 115, 702-716.	1.1	4
84	Matching, induction, and covariance with mixed responseâ€contingent food and noncontingent food. Journal of the Experimental Analysis of Behavior, 2021, 116, 21-43.	1.1	4
85	Introduction to Molar Behaviorism and Multiscale Behavior Analysis. , 2021, , 43-62.		4
86	Selection by consequences is a good idea. Behavioral and Brain Sciences, 1988, 11, 447.	0.7	2
87	Two stumbling blocks to a general account of selection: Replication and information. Behavioral and Brain Sciences, 2001, 24, 528-528.	0.7	2
88	RESPONSES TO STADDON, SHIMP, MALONE, AND DONAHOE. Journal of the Experimental Analysis of Behavior, 2004, 82, 117-120.	1.1	2
89	Getting it wrong: Comment on Mooreâ€™s â€œBehaviorism and the stages of scientific activityâ€. The Behavior Analyst, 2010, 33, 235-236.	2.5	2
90	Relativity in Hearing and Stimulus Discrimination. Perspectives on Behavior Science, 2019, 42, 283-289.	1.9	2

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91	Richard J. Herrnstein, a Memoir. The Behavior Analyst, 1994, 17, 203-206.	2.5	1
92	Editorial: The Many Faces of Behavioral Evolution. Behavioural Processes, 2019, 161, 1-2.	1.1	1
93	Behavioral ephemera, difficult discriminations, and behavioral stability. Journal of the Experimental Analysis of Behavior, 2021, 116, 379-396.	1.1	1
94	Covariance, feedback, and discounting in ratio schedules. Journal of the Experimental Analysis of Behavior, 2022, 117, 123-150.	1.1	1
95	Rate matching, probability matching, and optimization in concurrent ratio schedules. Journal of the Experimental Analysis of Behavior, 2022, 118, 96-131.	1.1	1
96	Patterns yes, agency no. Behavioral and Brain Sciences, 1995, 18, 122-122.	0.7	0
97	Response to Harzemâ€™s Review of Modern Perspectives on John B. Watson and Classical Behaviorism. The Behavior Analyst, 1996, 19, 115-116.	2.5	0
98	Maximization should sometimes lead to abstinence. Behavioral and Brain Sciences, 1996, 19, 589-590.	0.7	0
99	Response to Marrâ€™s and Zuriffâ€™s Reviews of Understanding Behaviorism: Science, Behavior, and Culture. The Behavior Analyst, 1996, 19, 125-128.	2.5	0
100	Choice of mating tactics and constrained optimality. Behavioral and Brain Sciences, 2000, 23, 589-590.	0.7	0
101	Behavior, process, and scale: Comments on Shimp (2020), â€œMolecular (momentâ€toâ€moment) and molar (aggregate) analyses of behaviorâ€. Journal of the Experimental Analysis of Behavior, 2021, 115, 578-583.	1.1	0