

# Eric B Baum

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6376415/publications.pdf>

Version: 2024-02-01

26  
papers

2,223  
citations

623574

14  
h-index

677027

22  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1000  
citing authors

#	ARTICLE	IF	CITATIONS
1	Project to Build Programs that Understand. , 2009, , .		4
2	Relevance Based Planning: Why Its a Core Process for AGI. , 2009, , .		0
3	Rush Hour is PSPACE-complete, or "Why you should generously tip parking lot attendants": Theoretical Computer Science, 2002, 270, 895-911.	0.5	62
4	Toward Code Evolution by Artificial Economies. Natural Computing Series, 2002, , 314-332.	2.2	3
5	Where Genetic Algorithms Excel. Evolutionary Computation, 2001, 9, 93-124.	2.3	21
6	An Artificial Economy of Post Production Systems. Lecture Notes in Computer Science, 2001, , 3-20.	1.0	4
7	Evolution of Cooperative Problem Solving in an Artificial Economy. Neural Computation, 2000, 12, 2743-2775.	1.3	14
8	Propagating Distributions Up Directed Acyclic Graphs. Neural Computation, 1999, 11, 215-227.	1.3	1
9	Toward a Model of Intelligence as an Economy of Agents. Machine Learning, 1999, 35, 155-185.	3.4	30
10	A Bayesian approach to relevance in game playing. Artificial Intelligence, 1997, 97, 195-242.	3.9	34
11	Did courtship drive the evolution of mind?. Behavioral and Brain Sciences, 1996, 19, 155-156.	0.4	1
12	On genetic algorithms. , 1995, , .		45
13	The Transition to Perfect Generalization in Perceptrons. Neural Computation, 1991, 3, 386-401.	1.3	23
14	On learning a union of half spaces. Journal of Complexity, 1990, 6, 67-101.	0.7	57
15	The Perceptron Algorithm is Fast for Nonmalicious Distributions. Neural Computation, 1990, 2, 248-260.	1.3	48
16	A Polynomial Time Algorithm That Learns Two Hidden Unit Nets. Neural Computation, 1990, 2, 510-522.	1.3	19
17	When are k-nearest neighbor and back propagation accurate for feasible sized sets of examples?. Lecture Notes in Computer Science, 1990, , 1-25.	1.0	16
18	Polynomial Time Algorithms For Learning Neural Nets. , 1990, , 258-272.		5

#	ARTICLE	IF	CITATIONS
19	A Proposal for More Powerful Learning Algorithms. <i>Neural Computation</i> , 1989, 1, 201-207.	1.3	65
20	What Size Net Gives Valid Generalization?. <i>Neural Computation</i> , 1989, 1, 151-160.	1.3	1,317
21	On the capabilities of multilayer perceptrons. <i>Journal of Complexity</i> , 1988, 4, 193-215.	0.7	274
22	Baum replies. <i>Physical Review Letters</i> , 1987, 59, 374-374.	2.9	2
23	Embeddings of Ultrametric Spaces in Finite Dimensional Structures. <i>SIAM Journal on Algebraic and Discrete Methods</i> , 1987, 8, 564-577.	0.8	11
24	Intractable Computations without Local Minima. <i>Physical Review Letters</i> , 1986, 57, 2764-2767.	2.9	14
25	Bounds on the Size of Ultrametric Structures. <i>Physical Review Letters</i> , 1986, 56, 1598-1600.	2.9	5
26	Zero cosmological constant from minimum action. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1983, 133, 185-186.	1.5	148