

An Approach to Combining Explanation-based and Neu

Connection Science

1, 231-253

DOI: [10.1080/09540098908915640](https://doi.org/10.1080/09540098908915640)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Learning by gradient descent in function space. , 0, , .		15
2	Hybal: A Self Tutoring Algorithm for Concept Learning in Highly Autonomous Systems. , 0, , .		3
3	The Emergence of Artificial Intelligence as a Reference Discipline for Decision Support Systems Research. Decision Sciences, 1992, 23, 1263-1276.	4.5	34
4	Automating knowledge acquisition as extending, updating, and improving a knowledge base. IEEE Transactions on Systems, Man, and Cybernetics, 1992, 22, 1444-1460.	0.9	25
5	NCLIPS-a platform for implementing hybrid expert systems. , 0, , .		2
6	Combining Connectionist and Symbolic Learning to Refine Certainty Factor Rule Bases. Connection Science, 1993, 5, 339-364.	3.0	43
7	A neural network based approach to knowledge acquisition and expert systems. , 0, , .		5
8	MACHINE LEARNING GOES TO THE BANK. Applied Artificial Intelligence, 1994, 8, 593-615.	3.2	4
9	Knowledge-based artificial neural networks. Artificial Intelligence, 1994, 70, 119-165.	5.8	585
10	On the quality of neural net classifiers. Artificial Intelligence in Medicine, 1994, 6, 359-381.	6.5	30
11	Introduction: Structured Connectionist Systems. Machine Learning, 1994, 15, 121-123.	5.4	0
12	Combining Symbolic and Neural Learning. Machine Learning, 1994, 14, 321-331.	5.4	22
13	Structured connectionist systems. Machine Learning, 1994, 15, 121-123.	5.4	0
15	Associative Engines: Connectionism, Concepts and Representational Change.. Philosophical Quarterly, 1995, 45, 241.	0.5	46
16	Model-based 3-D segmentation of multiple sclerosis lesions in magnetic resonance brain images. IEEE Transactions on Medical Imaging, 1995, 14, 442-453.	8.9	174
17	Creating advice-taking reinforcement learners. Machine Learning, 1996, 22, 251-281.	5.4	83
18	Explanation-Based Neural Network Learning. Kluwer International Series in Engineering and Computer Science, 1996, , .	0.2	77
19	Representing Probabilistic Rules with Networks of Gaussian Basis Functions. Machine Learning, 1997, 27, 173-200.	5.4	9

#	ARTICLE	IF	CITATIONS
20	Learning from Examples and Membership Queries with Structured Determinations. Machine Learning, 1998, 32, 245-295.	5.4	15
21	A Recency Inference Engine for Connectionist Knowledge Bases. Applied Intelligence, 1998, 9, 201-215.	5.3	22
22	A connectionist production system which can perform both modus ponens and modus tollens simultaneously. Expert Systems, 2000, 17, 3-12.	4.5	4
23	10.1162/153244304773633843. Applied Physics Letters, 2000, 1, .	3.3	14
24	Connectionist inference models. Neural Networks, 2001, 14, 1331-1355.	5.9	86
25	Iterated Phantom Induction: A Knowledge-Based Approach to Learning Control. Machine Learning, 2001, 45, 45-76.	5.4	10
26	Dynamic rule refinement in knowledge-based data mining systems. Decision Support Systems, 2001, 31, 205-222.	5.9	42
27	Modeling user preferences via theory refinement. , 2001, , .		8
28	Neural networks from the perspective of measurement systems. , 0, , .		3
29	Biological data mining with neural networks: implementation and application of a flexible decision tree extraction algorithm to genomic problem domains. Neurocomputing, 2004, 57, 275-293.	5.9	38
30	A Flexible Competitive Neural Network for Eliciting User's Preferences in Web Urban Spaces. , 2005, , 41-57.		4
32	Deep learning in neural networks: An overview. Neural Networks, 2015, 61, 85-117.	5.9	12,685
33	Helping Novices Avoid the Hazards of Data: Leveraging Ontologies to Improve Model Generalization Automatically with Online Data Sources. AI Magazine, 2016, 37, 19-32.	1.6	1
34	Question Answering Systems With Deep Learning-Based Symbolic Processing. IEEE Access, 2019, 7, 152368-152378.	4.2	9
35	Embedding Logic Rules Into Recurrent Neural Networks. IEEE Access, 2019, 7, 14938-14946.	4.2	11
36	Analogical Reasoning With Deep Learning-Based Symbolic Processing. IEEE Access, 2021, 9, 121859-121870.	4.2	5
37	Boosting Intelligent Data Analysis in Smart Sensors by Integrating Knowledge and Machine Learning. Sensors, 2021, 21, 6168.	3.8	6
39	NETTOOL: A hybrid connectionist-symbolic development environment. Lecture Notes in Computer Science, 1995, , 658-665.	1.3	3

#	ARTICLE	IF	CITATIONS
40	Lifelong Learning Algorithms. , 1998, , 181-209.		186
41	A Hybrid Approach to Breast Cancer Diagnosis. International Series in Intelligent Technologies, 2001, , 299-330.	0.1	5
42	Interfaces That Learn: A Learning Apprentice for Calendar Management. , 1993, , 31-65.		5
43	A Method for Multistrategy Task-adaptive Learning Based on Plausible Justifications. , 1991, , 549-553.		4
44	Multistrategy Learning with Introspective Meta-Explanations. , 1992, , 123-128.		13
45	Explanation Based Learning: A Comparison of Symbolic and Neural Network Approaches. , 1993, , 197-204.		5
46	Learning from Queries and Examples with Tree-structured Bias. , 1993, , 322-329.		8
47	Ontology Reasoning with Deep Neural Networks. Journal of Artificial Intelligence Research, 0, 68, ,	7.0	32
48	Learning Knowledge Base Inference with Neural Theorem Provers. , 2016, ,		15
51	Hierarchical Learning in Classification of Structured Objects. Lecture Notes in Computer Science, 2008, , 191-201.	1.3	0
52	The Extraction of Information and Knowledge from Trained Neural Networks. Methods in Molecular Biology, 2008, , 226-243.	0.9	0
53	Layered Approximation Approach to Knowledge Elicitation in Machine Learning. Lecture Notes in Computer Science, 2010, , 446-455.	1.3	0
54	Semantic User Model Inferences for Travel Recommender Systems. , 2010, , 23-37.		0
55	Hybrid Neural Architecture for Intelligent Recommender System Classification Unit Design. , 2013, , 192-213.		0
56	Adaptive Network Structures for Data/Text Pattern Recognition (Theory). , 2013, , 179-195.		0
57	Learning Analytically and Inductively. , 2014, , 101-134.		0
58	Hybrid Symbolic-Neural Methods for Improved Recognition Using High-Level Visual Features. , 1992, , 445-461.		0
59	Introspective Reasoning Using Meta-Explanations for Multistrategy Learning. , 1995, , 211-240.		15

#	ARTICLE	IF	CITATIONS
60	Creating Advice-Taking Reinforcement Learners. , 1998, , 311-347.		1
61	Augmenting Deep Learning with Relational Knowledge from Markov Logic Networks. , 2020, , .		3
62	Creating Advice-Taking Reinforcement Learners. , 1996, , 251-281.		21
64	Leveraging Ontologies to Improve Model Generalization Automatically with Online Data Sources. Proceedings of the AAAI Conference on Artificial Intelligence, 2015, 29, 3981-3986.	4.9	0