

Luc De Raedt

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

204
papers

4,595
citations

31
h-index

63
g-index

224
ext. papers

5,173
ext. citations

2.1
avg, IF

5.71
L-index

#	Paper	IF	Citations
204	Parameter Learning in ProbLog with Annotated Disjunctions. <i>Lecture Notes in Computer Science</i> , 2022 , 378-391	0.9	
203	Automating data science. <i>Communications of the ACM</i> , 2022 , 65, 76-87	2.5	2
202	Muppets: Multipurpose Table Segmentation. <i>Lecture Notes in Computer Science</i> , 2021 , 389-401	0.9	
201	SpLyCl: Integrating Spreadsheets by Recognising and Solving Layout Constraints. <i>Lecture Notes in Computer Science</i> , 2021 , 402-413	0.9	
200	Neural probabilistic logic programming in DeepProbLog. <i>Artificial Intelligence</i> , 2021 , 298, 103504	3.6	2
199	VisualSynth: Democratizing Data Science in Spreadsheets. <i>Lecture Notes in Computer Science</i> , 2021 , 550-554	0.9	
198	avatar Automated Feature Wrangling for Machine Learning. <i>Lecture Notes in Computer Science</i> , 2021 , 235-247	0.9	
197	Semiring programming: A semantic framework for generalized sum product problems. <i>International Journal of Approximate Reasoning</i> , 2020 , 126, 181-201	3.6	3
196	Symbolic Learning and Reasoning With Noisy Data for Probabilistic Anchoring. <i>Frontiers in Robotics and AI</i> , 2020 , 7, 100	2.8	1
195	Learning MAX-SAT from Contextual Examples for Combinatorial Optimisation. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2020 , 34, 4493-4500	5	3
194	From Statistical Relational to Neuro-Symbolic Artificial Intelligence 2020 ,		16
193	SynthLog: A Language for Synthesising Inductive Data Models (Extended Abstract). <i>Communications in Computer and Information Science</i> , 2020 , 102-110	0.3	
192	Predictive spreadsheet autocompletion with constraints. <i>Machine Learning</i> , 2020 , 109, 307-325	4	3
191	COVID-19 in people with multiple sclerosis: A global data sharing initiative. <i>Multiple Sclerosis Journal</i> , 2020 , 26, 1157-1162	5	34
190	Semantic Relational Object Tracking. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2020 , 12, 84-97	3	5
189	Representing dynamic biological networks with multi-scale probabilistic models. <i>Communications Biology</i> , 2019 , 2, 21	6.7	15
188	Acquiring Integer Programs from Data 2019 ,		2

187	2019,			3
186	Semantic and geometric reasoning for robotic grasping: a probabilistic logic approach. <i>Autonomous Robots</i> , 2019 , 43, 1393-1418	3		6
185	Relational affordances for multiple-object manipulation. <i>Autonomous Robots</i> , 2018 , 42, 19-44	3		8
184	Relational Affordance Learning for Task-Dependent Robot Grasping. <i>Lecture Notes in Computer Science</i> , 2018 , 1-15	0.9		
183	Elements of an Automatic Data Scientist. <i>Lecture Notes in Computer Science</i> , 2018 , 3-14	0.9		4
182	Automatically Wrangling Spreadsheets into Machine Learning Data Formats. <i>Lecture Notes in Computer Science</i> , 2018 , 367-379	0.9		4
181	MiningZinc: A declarative framework for constraint-based mining. <i>Artificial Intelligence</i> , 2017 , 244, 6-29	3.6		15
180	Algebraic model counting. <i>Journal of Applied Logic</i> , 2017 , 22, 46-62			8
179	Context-based object viewpoint estimation: A 2D relational approach. <i>Computer Vision and Image Understanding</i> , 2017 , 160, 100-113	4.3		
178	Learning constraints in spreadsheets and tabular data. <i>Machine Learning</i> , 2017 , 106, 1441-1468	4		16
177	Flexible constrained sampling with guarantees for pattern mining. <i>Data Mining and Knowledge Discovery</i> , 2017 , 31, 1266-1293	5.6		9
176	Semiring Rank Matrix Factorization. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2017 , 29, 1737-1750	4.1		1
175	kProbLog: an algebraic Prolog for machine learning. <i>Machine Learning</i> , 2017 , 106, 1933-1969	4		3
174	Planning in hybrid relational MDPs. <i>Machine Learning</i> , 2017 , 106, 1905-1932	4		2
173	Relational data factorization. <i>Machine Learning</i> , 2017 , 106, 1867-1904	4		
172	TaCLE 2017,			2
171	The Inductive Constraint Programming Loop. <i>IEEE Intelligent Systems</i> , 2017 , 32, 44-52	4.2		4
170	Solving Probability Problems in Natural Language 2017,			4

169	Stochastic Constraint Programming with And-Or Branch-and-Bound 2017 ,		4
168	TP-Compilation for inference in probabilistic logic programs. <i>International Journal of Approximate Reasoning</i> , 2016 , 78, 15-32	3.6	14
167	Network-Based Analysis of eQTL Data to Prioritize Driver Mutations. <i>Genome Biology and Evolution</i> , 2016 , 8, 481-94	3.9	9
166	Exploiting local and repeated structure in Dynamic Bayesian Networks. <i>Artificial Intelligence</i> , 2016 , 232, 43-53	3.6	18
165	Statistical Relational Artificial Intelligence: Logic, Probability, and Computation. <i>Synthesis Lectures on Artificial Intelligence and Machine Learning</i> , 2016 , 10, 1-189	9.3	88
164	An Exercise in Declarative Modeling for Relational Query Mining. <i>Lecture Notes in Computer Science</i> , 2016 , 166-182	0.9	2
163	The Inductive Constraint Programming Loop. <i>Lecture Notes in Computer Science</i> , 2016 , 303-309	0.9	1
162	kProbLog: An Algebraic Prolog for Kernel Programming. <i>Lecture Notes in Computer Science</i> , 2016 , 152-165	0.9	1
161	Relational Kernel-Based Grasping with Numerical Features. <i>Lecture Notes in Computer Science</i> , 2016 , 1-14	0.9	1
160	Modeling in MiningZinc. <i>Lecture Notes in Computer Science</i> , 2016 , 257-281	0.9	1
159	Learning Constraint Satisfaction Problems: An ILP Perspective. <i>Lecture Notes in Computer Science</i> , 2016 , 96-112	0.9	2
158	Probabilistic logic programming for hybrid relational domains. <i>Machine Learning</i> , 2016 , 103, 407-449	4	13
157	Simultaneous discovery of cancer subtypes and subtype features by molecular data integration. <i>Bioinformatics</i> , 2016 , 32, i445-i454	7.2	21
156	Probabilistic (logic) programming concepts. <i>Machine Learning</i> , 2015 , 100, 5-47	4	75
155	Inference and learning in probabilistic logic programs using weighted Boolean formulas. <i>Theory and Practice of Logic Programming</i> , 2015 , 15, 358-401	0.8	86
154	ProbLog2: Probabilistic Logic Programming. <i>Lecture Notes in Computer Science</i> , 2015 , 312-315	0.9	15
153	Introduction to the special issue on probability, logic and learning. <i>Theory and Practice of Logic Programming</i> , 2015 , 15, 145-146	0.8	1
152	PheNetic: network-based interpretation of molecular profiling data. <i>Nucleic Acids Research</i> , 2015 , 43, W244-50	20.1	16

151	Rank Matrix Factorisation. <i>Lecture Notes in Computer Science</i> , 2015 , 734-746	0.9	2
150	Planning in Discrete and Continuous Markov Decision Processes by Probabilistic Programming. <i>Lecture Notes in Computer Science</i> , 2015 , 327-342	0.9	4
149	Constraint-Based Querying for Bayesian Network Exploration. <i>Lecture Notes in Computer Science</i> , 2015 , 13-24	0.9	1
148	PageRank, ProPPR, and Stochastic Logic Programs. <i>Lecture Notes in Computer Science</i> , 2015 , 168-180	0.9	0
147	Relational object tracking and learning 2014 ,		9
146	Towards cautious collective inference for object verification 2014 ,		1
145	kLog: A language for logical and relational learning with kernels. <i>Artificial Intelligence</i> , 2014 , 217, 117-143.6	0.8	15
144	Relational Regularization and Feature Ranking 2014 ,		2
143	Statistical Relational Learning of Object Affordances for Robotic Manipulation 2014 , 95-103		
142	Introduction to the Special Issue on the ECAI 2012 Turing and Anniversary Track. <i>AI Communications</i> , 2014 , 27, 1-1	0.8	
141	Interactive Learning of Pattern Rankings. <i>International Journal on Artificial Intelligence Tools</i> , 2014 , 23, 1460026	0.9	14
140	Learning relational affordance models for two-arm robots 2014 ,		5
139	Occluded object search by relational affordances 2014 ,		13
138	There are plenty of places like home: Using relational representations in hierarchies for distance-based image understanding. <i>Neurocomputing</i> , 2014 , 123, 75-85	5.4	3
137	Lazy and Eager Relational Learning Using Graph-Kernels. <i>Lecture Notes in Computer Science</i> , 2014 , 171-184.9	0.9	1
136	Distributional Clauses Particle Filter. <i>Lecture Notes in Computer Science</i> , 2014 , 504-507	0.9	1
135	Ranked Tiling. <i>Lecture Notes in Computer Science</i> , 2014 , 98-113	0.9	10
134	Mining closed patterns in relational, graph and network data. <i>Annals of Mathematics and Artificial Intelligence</i> , 2013 , 69, 315-342	0.8	6

133	Allocentric Pose Estimation 2013 ,		4
132	k-Pattern Set Mining under Constraints. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2013 , 25, 402-418	4.2	42
131	PheNetic: network-based interpretation of unstructured gene lists in E. coli. <i>Molecular BioSystems</i> , 2013 , 9, 1594-603		21
130	Active Preference Learning for Ranking Patterns 2013 ,		4
129	A relational kernel-based approach to scene classification 2013 ,		2
128	A particle filter for hybrid relational domains 2013 ,		16
127	The MiningZinc Framework for Constraint-Based Itemset Mining 2013 ,		4
126	MCMC Estimation of Conditional Probabilities in Probabilistic Programming Languages. <i>Lecture Notes in Computer Science</i> , 2013 , 436-448	0.9	2
125	10 Years of Probabilistic Querying [What Next?]. <i>Lecture Notes in Computer Science</i> , 2013 , 1-13	0.9	2
124	ILP turns 20. <i>Machine Learning</i> , 2012 , 86, 3-23	4	65
123	Learning relational affordance models for robots in multi-object manipulation tasks 2012 ,		51
122	Declarative Modeling for Machine Learning and Data Mining. <i>Lecture Notes in Computer Science</i> , 2012 , 2-2	0.9	1
121	Relational Learning for Spatial Relation Extraction from Natural Language. <i>Lecture Notes in Computer Science</i> , 2012 , 204-220	0.9	11
120	Declarative Modeling for Machine Learning and Data Mining. <i>Lecture Notes in Computer Science</i> , 2012 , 2-3	0.9	2
119	Declarative Modeling for Machine Learning and Data Mining. <i>Lecture Notes in Computer Science</i> , 2012 , 12-12	0.9	6
118	A Relational Kernel-Based Framework for Hierarchical Image Understanding. <i>Lecture Notes in Computer Science</i> , 2012 , 171-180	0.9	7
117	Patterns and Logic for Reasoning with Networks. <i>Lecture Notes in Computer Science</i> , 2012 , 122-143	0.9	1
116	Kernel-Based Logical and Relational Learning with kLog for Hedge Cue Detection. <i>Lecture Notes in Computer Science</i> , 2012 , 347-357	0.9	6

115	BiQL: A Query Language for Analyzing Information Networks. <i>Lecture Notes in Computer Science</i> , 2012 , 147-165	0.9	5
114	On the implementation of the probabilistic logic programming language ProbLog. <i>Theory and Practice of Logic Programming</i> , 2011 , 11, 235-262	0.8	72
113	The magic of logical inference in probabilistic programming. <i>Theory and Practice of Logic Programming</i> , 2011 , 11, 663-680	0.8	30
112	Effective feature construction by maximum common subgraph sampling. <i>Machine Learning</i> , 2011 , 83, 137-161	4	14
111	Stochastic relational processes: Efficient inference and applications. <i>Machine Learning</i> , 2011 , 82, 239-272		16
110	Itemset mining: A constraint programming perspective. <i>Artificial Intelligence</i> , 2011 , 175, 1951-1983	3.6	108
109	Declarative Heuristic Search for Pattern Set Mining 2011 ,		4
108	Evaluating Pattern Set Mining Strategies in a Constraint Programming Framework. <i>Lecture Notes in Computer Science</i> , 2011 , 382-394	0.9	7
107	Extending ProbLog with Continuous Distributions. <i>Lecture Notes in Computer Science</i> , 2011 , 76-91	0.9	7
106	Probabilistic Rule Learning. <i>Lecture Notes in Computer Science</i> , 2011 , 47-58	0.9	13
105	Learning the Parameters of Probabilistic Logic Programs from Interpretations. <i>Lecture Notes in Computer Science</i> , 2011 , 581-596	0.9	25
104	Not Far Away from Home: A Relational Distance-Based Approach to Understanding Images of Houses. <i>Lecture Notes in Computer Science</i> , 2011 , 22-29	0.9	
103	Towards Programming Languages for Machine Learning and Data Mining (Extended Abstract). <i>Lecture Notes in Computer Science</i> , 2011 , 25-32	0.9	2
102	Mining Predictive k-CNF Expressions. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2010 , 22, 743-748	4.2	7
101	Fast learning of relational kernels. <i>Machine Learning</i> , 2010 , 78, 305-342	4	18
100	Towards Clausal Discovery for Stream Mining. <i>Lecture Notes in Computer Science</i> , 2010 , 9-16	0.9	2
99	About Knowledge and Inference in Logical and Relational Learning. <i>Studies in Computational Intelligence</i> , 2010 , 143-153	0.8	1
98	Probabilistic Inductive Querying Using ProbLog 2010 , 229-262		3

97	A Theory of Inductive Query Answering 2010 , 79-103		2
96	A query language for analyzing networks 2009 ,		16
95	Correlated itemset mining in ROC space 2009 ,		42
94	Cluster-grouping: from subgroup discovery to clustering. <i>Machine Learning</i> , 2009 , 77, 125-159	4	22
93	Deriving distance metrics from generality relations. <i>Pattern Recognition Letters</i> , 2009 , 30, 187-191	4.7	11
92	Probabilistic Logic Learning - A Tutorial Abstract. <i>Lecture Notes in Computer Science</i> , 2009 , 39-39	0.9	
91	Constraint programming for itemset mining 2008 ,		60
90	Compressing probabilistic Prolog programs. <i>Machine Learning</i> , 2008 , 70, 151-168	4	20
89	An experimental evaluation of simplicity in rule learning. <i>Artificial Intelligence</i> , 2008 , 172, 19-28	3.6	14
88	Logic, Probability and Learning, or an Introduction to Statistical Relational Learning. <i>Lecture Notes in Computer Science</i> , 2008 , 5-5	0.9	
87	Relational Sequence Learning. <i>Lecture Notes in Computer Science</i> , 2008 , 28-55	0.9	6
86	Logical and Relational Learning. <i>Cognitive Technologies</i> , 2008 ,	2	171
85	Probabilistic Inductive Logic Programming. <i>Lecture Notes in Computer Science</i> , 2008 , 1-27	0.9	51
84	Basic Principles of Learning Bayesian Logic Programs. <i>Lecture Notes in Computer Science</i> , 2008 , 189-221	0.9	11
83	Parameter Learning in Probabilistic Databases: A Least Squares Approach. <i>Lecture Notes in Computer Science</i> , 2008 , 473-488	0.9	15
82	A Simple Model for Sequences of Relational State Descriptions. <i>Lecture Notes in Computer Science</i> , 2008 , 506-521	0.9	7
81	Logical and Relational Learning. <i>Lecture Notes in Computer Science</i> , 2008 , 1-1	0.9	10
80	Active Learning for High Throughput Screening. <i>Lecture Notes in Computer Science</i> , 2008 , 185-196	0.9	13

79	On the Efficient Execution of ProbLog Programs. <i>Lecture Notes in Computer Science</i> , 2008 , 175-189	0.9	22
78	Constraint-Based Pattern Set Mining 2007 ,		49
77	Predicting spike activity in neuronal cultures. <i>BMC Neuroscience</i> , 2007 , 8,	3.2	78
76	Ranking neurons for mining structure-activity relations in biological neural networks: NeuronRank. <i>Neurocomputing</i> , 2007 , 70, 1897-1901	5.4	4
75	Learning to transfer optimal navigation policies. <i>Advanced Robotics</i> , 2007 , 21, 1565-1582	1.7	4
74	Mining Structure-Activity Relations in Biological Neural Networks using NeuronRank. <i>Studies in Computational Intelligence</i> , 2007 , 49-65	0.8	
73	Revising Probabilistic Prolog Programs. <i>Lecture Notes in Computer Science</i> , 2007 , 30-33	0.9	1
72	Frequent Hypergraph Mining. <i>Lecture Notes in Computer Science</i> , 2007 , 244-259	0.9	12
71	Probabilistic Explanation Based Learning. <i>Lecture Notes in Computer Science</i> , 2007 , 176-187	0.9	12
70	IQL: A Proposal for an Inductive Query Language. <i>Lecture Notes in Computer Science</i> , 2007 , 189-207	0.9	9
69	Mining Bi-sets in Numerical Data. <i>Lecture Notes in Computer Science</i> , 2007 , 11-23	0.9	7
68	Learning Relational Navigation Policies 2006 ,		12
67	SMIREP: predicting chemical activity from SMILES. <i>Journal of Chemical Information and Modeling</i> , 2006 , 46, 2432-44	6.1	31
66	Inductive Querying for Discovering Subgroups and Clusters. <i>Lecture Notes in Computer Science</i> , 2006 , 380-399	0.9	
65	Don't Be Afraid of Simpler Patterns. <i>Lecture Notes in Computer Science</i> , 2006 , 55-66	0.9	21
64	Statistical Relational Learning: An Inductive Logic Programming Perspective. <i>Lecture Notes in Computer Science</i> , 2005 , 3-5	0.9	3
63	Statistical Relational Learning: An Inductive Logic Programming Perspective. <i>Lecture Notes in Computer Science</i> , 2005 , 3-5	0.9	1
62	CLASSICIL: An Integrated ILP System. <i>Lecture Notes in Computer Science</i> , 2005 , 354-362	0.9	1

61	An Efficient Algorithm for Mining String Databases Under Constraints. <i>Lecture Notes in Computer Science</i> , 2005 , 108-129	0.9	8
60	Bellman goes relational 2004 ,		28
59	Probabilistic Inductive Logic Programming. <i>Lecture Notes in Computer Science</i> , 2004 , 19-36	0.9	34
58	Data Mining and Machine Learning Techniques for the Identification of Mutagenicity Inducing Substructures and Structure-Activity Relationships of Noncongeneric Compounds.. <i>ChemInform</i> , 2004 , 35, no		2
57	Data mining and machine learning techniques for the identification of mutagenicity inducing substructures and structure activity relationships of noncongeneric compounds. <i>Journal of Chemical Information and Computer Sciences</i> , 2004 , 44, 1402-11		155
56	Predictive Graph Mining. <i>Lecture Notes in Computer Science</i> , 2004 , 1-15	0.9	5
55	CorClass: Correlated Association Rule Mining for Classification. <i>Lecture Notes in Computer Science</i> , 2004 , 60-72	0.9	24
54	Logical Markov Decision Programs and the Convergence of Logical TD(0). <i>Lecture Notes in Computer Science</i> , 2004 , 180-197	0.9	10
53	Towards Optimizing Conjunctive Inductive Queries. <i>Lecture Notes in Computer Science</i> , 2004 , 625-637	0.9	2
52	Towards Query Evaluation in Inductive Databases Using Version Spaces. <i>Lecture Notes in Computer Science</i> , 2004 , 117-134	0.9	1
51	Constraint Based Mining of First Order Sequences in SeqLog. <i>Lecture Notes in Computer Science</i> , 2004 , 154-173	0.9	12
50	Multirelational data mining 2003. <i>SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining</i> , 2003 , 5, 200-202	4.6	4
49	Probabilistic logic learning. <i>SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining</i> , 2003 , 5, 31-48	4.6	64
48	Multi-relational data mining. <i>SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining</i> , 2003 , 5, 100-101	4.6	6
47	A perspective on inductive databases. <i>SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining</i> , 2002 , 4, 69-77	4.6	79
46	Multi-relational data mining. <i>SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining</i> , 2002 , 4, 122-124	4.6	6
45	Data Mining as Constraint Logic Programming. <i>Lecture Notes in Computer Science</i> , 2002 , 526-547	0.9	9
44	Phase Transitions and Stochastic Local Search in k-Term DNF Learning. <i>Lecture Notes in Computer Science</i> , 2002 , 405-417	0.9	3

43	Relational Reinforcement Learning. <i>Machine Learning</i> , 2001 , 43, 7-52	4	127
42	Towards Combining Inductive Logic Programming with Bayesian Networks. <i>Lecture Notes in Computer Science</i> , 2001 , 118-131	0.9	46
41	Molecular feature mining in HIV data 2001 ,		116
40	How to Upgrade Propositional Learners to First Order Logic: A Case Study 2001 , 235-261		10
39	Three Companions for Data Mining in First Order Logic 2001 , 105-139		11
38	How to Upgrade Propositional Learners to First Order Logic: A Case Study. <i>Lecture Notes in Computer Science</i> , 2001 , 102-126	0.9	4
37	Adaptive Bayesian Logic Programs. <i>Lecture Notes in Computer Science</i> , 2001 , 104-117	0.9	80
36	A Logical Database Mining Query Language. <i>Lecture Notes in Computer Science</i> , 2000 , 78-92	0.9	14
35	Scaling Up Inductive Logic Programming by Learning from Interpretations. <i>Data Mining and Knowledge Discovery</i> , 1999 , 3, 59-93	5.6	52
34	Instance based function learning. <i>Lecture Notes in Computer Science</i> , 1999 , 268-278	0.9	1
33	Inductive Verification and Validation of the KULRoT RoboCup Team. <i>Lecture Notes in Computer Science</i> , 1999 , 193-206	0.9	1
32	Generalizing Refinement Operators to Learn Prenex Conjunctive Normal Forms. <i>Lecture Notes in Computer Science</i> , 1999 , 245-256	0.9	9
31	Top-down induction of first-order logical decision trees. <i>Artificial Intelligence</i> , 1998 , 101, 285-297	3.6	394
30	Attribute-value learning versus inductive logic programming: The missing links. <i>Lecture Notes in Computer Science</i> , 1998 , 1-8	0.9	45
29	Isidd: An interactive system for inductive database design. <i>Applied Artificial Intelligence</i> , 1998 , 12, 385-420	3	4
28	Relational reinforcement learning. <i>Lecture Notes in Computer Science</i> , 1998 , 11-22	0.9	18
27	Using ILP-systems for verification and validation of multi-agent systems. <i>Lecture Notes in Computer Science</i> , 1998 , 145-154	0.9	4
26	An inductive logic programming query language for database mining. <i>Lecture Notes in Computer Science</i> , 1998 , 1-13	0.9	2

25	Clausal Discovery. <i>Machine Learning</i> , 1997 , 26, 99-146	4	120
24	Logical settings for concept-learning. <i>Artificial Intelligence</i> , 1997 , 95, 187-201	3.6	96
23	Analysis and prediction of piano performances using inductive logic programming. <i>Lecture Notes in Computer Science</i> , 1997 , 55-71	0.9	7
22	Relational knowledge discovery in databases. <i>Lecture Notes in Computer Science</i> , 1997 , 199-211	0.9	7
21	Multiple Predicate Learning in Two Inductive Logic Programming Settings. <i>Logic Journal of the IGPL</i> , 1996 , 4, 227-254	1	6
20	Declarative Bias for Specific-to-General ILP Systems. <i>Machine Learning</i> , 1995 , 20, 119-154	4	2
19	Declarative bias for specific-to-general ILP systems. <i>Machine Learning</i> , 1995 , 20, 119-154	4	30
18	Inductive Logic Programming: A Survey of European Research. <i>AI Communications</i> , 1995 , 8, 3-19	0.8	3
17	Iterative versionspaces. <i>Artificial Intelligence</i> , 1994 , 69, 393-409	3.6	14
16	First-order jk-clausal theories are PAC-learnable. <i>Artificial Intelligence</i> , 1994 , 70, 375-392	3.6	112
15	Inductive Logic Programming: Theory and methods. <i>The Journal of Logic Programming</i> , 1994 , 19-20, 629-679	680	
14	A unifying framework for concept-learning algorithms. <i>Knowledge Engineering Review</i> , 1992 , 7, 251-269	2.1	8
13	Acquiring object-knowledge. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 1992 , 4, 213-232	2	
12	Interactive concept-learning and constructive induction by analogy. <i>Machine Learning</i> , 1992 , 8, 107-150	4	24
11	Interactive Concept-Learning and Constructive Induction by Analogy. <i>Machine Learning</i> , 1992 , 8, 107-150	4	29
10	Belief updating from integrity constraints and queries. <i>Artificial Intelligence</i> , 1992 , 53, 291-307	3.6	22
9	Acquiring object-knowledge for learning systems. <i>Lecture Notes in Computer Science</i> , 1991 , 245-264	0.9	3
8	Integrity Constraints and Interactive Concept-Learning 1991 , 394-398		1

7	Indirect relevance and bias in inductive concept-learning. <i>International Journal of Human-Computer Studies</i> , 1990 , 2, 365-390		13
6	Generalizing multiple examples in explanation based learning. <i>Lecture Notes in Computer Science</i> , 1989 , 177-183	0.9	1
5	An algebra for inductive query evaluation		8
4	A theory of inductive query answering		25
3	Exact and Approximate Weighted Model Integration with Probability Density Functions Using Knowledge Compilation. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 33 , 7825-7833	5	3
2	Logical Hidden Markov Models. <i>Journal of Artificial Intelligence Research</i> , 25 , 425-456	4	37
1	Learning Distributional Programs for Relational Autocompletion. <i>Theory and Practice of Logic Programming</i> , 1-34	0.8	