

# Guy Van den Broeck

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8824900/publications.pdf>

Version: 2024-02-01

22  
papers

345  
citations

1163117

8  
h-index

1058476

14  
g-index

22  
all docs

22  
docs citations

22  
times ranked

221  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inference and learning in probabilistic logic programs using weighted Boolean formulas. <i>Theory and Practice of Logic Programming</i> , 2015, 15, 358-401.	1.5	125
2	Scaling exact inference for discrete probabilistic programs. , 2020, 4, 1-31.		26
3	ProbLog2: Probabilistic Logic Programming. <i>Lecture Notes in Computer Science</i> , 2015, , 312-315.	1.3	24
4	Query Processing on Probabilistic Data: A Survey. <i>Foundations and Trends in Databases</i> , 2017, 7, 197-341.	5.5	22
5	<math>T</math>-Compilation for inference in probabilistic logic programs. <i>International Journal of Approximate Reasoning</i> , 2016, 78, 15-32.	3.3	20
6	Exploiting local and repeated structure in Dynamic Bayesian Networks. <i>Artificial Intelligence</i> , 2016, 232, 43-53.	5.8	20
7	Symmetric Weighted First-Order Model Counting. , 2015, , .		17
8	Lifted generative learning of Markov logic networks. <i>Machine Learning</i> , 2016, 103, 27-55.	5.4	16
9	Algebraic model counting. <i>Journal of Applied Logic</i> , 2017, 22, 46-62.	1.1	16
10	Semantic and Generalized Entropy Loss Functions for Semi-Supervised Deep Learning. <i>Entropy</i> , 2020, 22, 334.	2.2	14
11	Open-world probabilistic databases: Semantics, algorithms, complexity. <i>Artificial Intelligence</i> , 2021, 295, 103474.	5.8	8
12	Combining Stochastic Constraint Optimization and Probabilistic Programming. <i>Lecture Notes in Computer Science</i> , 2017, , 495-511.	1.3	7
13	Model Checking Finite-Horizon Markov Chains with Probabilistic Inference. <i>Lecture Notes in Computer Science</i> , 2021, , 577-601.	1.3	6
14	Knowledge compilation of logic programs using approximation fixpoint theory. <i>Theory and Practice of Logic Programming</i> , 2015, 15, 464-480.	1.5	5
15	k-Optimal: a novel approximate inference algorithm for ProbLog. <i>Machine Learning</i> , 2012, 89, 215-231.	5.4	4
16	Logical abstractions for noisy variational Quantum algorithm simulation. , 2021, , .		4
17	Optimal Feature Selection for Decision Robustness in Bayesian Networks. , 2017, , .		3
18	On Robust Trimming of Bayesian Network Classifiers. , 2018, , .		3

#	ARTICLE	IF	CITATIONS
19	Relational Learning for Football-Related Predictions. , 2014, , 237-244.		2
20	Coded machine learning: Joint informed replication and learning for linear regression. , 2017, , .		2
21	Reports of the AAAI 2014 Conference Workshops. AI Magazine, 2015, 36, 87-98.	1.6	1
22	Strudel: A fast and accurate learner of structured-decomposable probabilistic circuits. International Journal of Approximate Reasoning, 2022, 140, 92-115.	3.3	0