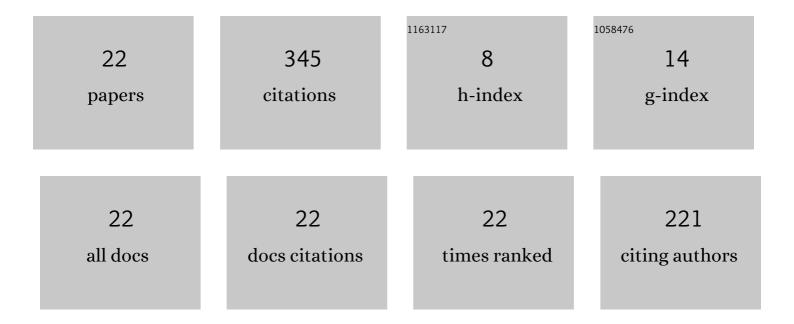
Guy Van den Broeck

List of Publications by Year in descending order

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

Version: 2024-02-01



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#	Article	IF	CITATIONS
1	Inference and learning in probabilistic logic programs using weighted Boolean formulas. Theory and Practice of Logic Programming, 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. Lecture Notes in Computer Science, 2015, , 312-315.	1.3	24
4	Query Processing on Probabilistic Data: A Survey. Foundations and Trends in Databases, 2017, 7, 197-341.	5.5	22
5	<pre><mml:math altimg="si1.gif" overflow="scroll" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>T</mml:mi></mml:mrow><mml:mrow><mml:mi mathvariant="script">P</mml:mi></mml:mrow></mml:msub></mml:math>-Compilation for inference in probabilistic logic programs. International lournal of Approximate Reasoning. 2016. 78. 15-32.</pre>	3.3	20
6	Exploiting local and repeated structure in Dynamic Bayesian Networks. Artificial Intelligence, 2016, 232, 43-53.	5.8	20
7	Symmetric Weighted First-Order Model Counting. , 2015, , .		17
8	Lifted generative learning of Markov logic networks. Machine Learning, 2016, 103, 27-55.	5.4	16
9	Algebraic model counting. Journal of Applied Logic, 2017, 22, 46-62.	1.1	16
10	Semantic and Generalized Entropy Loss Functions for Semi-Supervised Deep Learning. Entropy, 2020, 22, 334.	2.2	14
11	Open-world probabilistic databases: Semantics, algorithms, complexity. Artificial Intelligence, 2021, 295, 103474.	5.8	8
12	Combining Stochastic Constraint Optimization and Probabilistic Programming. Lecture Notes in Computer Science, 2017, , 495-511.	1.3	7
13	Model Checking Finite-Horizon Markov Chains with Probabilistic Inference. Lecture Notes in Computer Science, 2021, , 577-601.	1.3	6
14	Knowledge compilation of logic programs using approximation fixpoint theory. Theory and Practice of Logic Programming, 2015, 15, 464-480.	1.5	5
15	k-Optimal: a novel approximate inference algorithm for ProbLog. Machine Learning, 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, , .

#	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