Guy Van den Broeck

List of Publications by Year
in descending order

22	345	8	14
papers	citations	h-index	g-index

(1163117 above h-index box; 1058476 above g-index box)

22	22	22	221
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Strudel: A fast and accurate learner of structured-decomposable probabilistic circuits. International Journal of Approximate Reasoning, 2022, 140, 92-115.	3.3	0
2	Model Checking Finite-Horizon Markov Chains with Probabilistic Inference. Lecture Notes in Computer Science, 2021, , 577-601.	1.3	6
3	Logical abstractions for noisy variational Quantum algorithm simulation. , 2021, , .		4
4	Open-world probabilistic databases: Semantics, algorithms, complexity. Artificial Intelligence, 2021, 295, 103474.	5.8	8
5	Semantic and Generalized Entropy Loss Functions for Semi-Supervised Deep Learning. Entropy, 2020, 22, 334.	2.2	14
6	Scaling exact inference for discrete probabilistic programs. , 2020, 4, 1-31.		26
7	On Robust Trimming of Bayesian Network Classifiers. , 2018, , .		3
8	Algebraic model counting. Journal of Applied Logic, 2017, 22, 46-62.	1.1	16
9	Combining Stochastic Constraint Optimization and Probabilistic Programming. Lecture Notes in Computer Science, 2017, , 495-511.	1.3	7
10	Coded machine learning: Joint informed replication and learning for linear regression. , 2017, , .		2
11	Query Processing on Probabilistic Data: A Survey. Foundations and Trends in Databases, 2017, 7, 197-341.	5.5	22
12	Optimal Feature Selection for Decision Robustness in Bayesian Networks. , 2017, , .		3
13	$T_{\mathcal{P}}$-Compilation for inference in probabilistic logic programs. International Journal of Approximate Reasoning, 2016, 78, 15-32.	3.3	20
14	Exploiting local and repeated structure in Dynamic Bayesian Networks. Artificial Intelligence, 2016, 232, 43-53.	5.8	20
15	Lifted generative learning of Markov logic networks. Machine Learning, 2016, 103, 27-55.	5.4	16
16	Knowledge compilation of logic programs using approximation fixpoint theory. Theory and Practice of Logic Programming, 2015, 15, 464-480.	1.5	5
17	Reports of the AAAI 2014 Conference Workshops. AI Magazine, 2015, 36, 87-98.	1.6	1
18	Inference and learning in probabilistic logic programs using weighted Boolean formulas. Theory and Practice of Logic Programming, 2015, 15, 358-401.	1.5	125

#	Article	IF	Citations
19	ProbLog2: Probabilistic Logic Programming. Lecture Notes in Computer Science, 2015, , 312-315.	1.3	24
20	Symmetric Weighted First-Order Model Counting. , 2015, , .		17
21	Relational Learning for Football-Related Predictions. , 2014, , 237-244.		2
22	k-Optimal: a novel approximate inference algorithm for ProbLog. Machine Learning, 2012, 89, 215-231.	5.4	4