

Boris Motik

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,786
citations

759055

12
h-index

887953

17
g-index

26
all docs

26
docs citations

26
times ranked

1288
citing authors

#	ARTICLE	IF	CITATIONS
1	The Complexity and Expressive Power of Limit Datalog. Journal of the ACM, 2022, 69, 1-83.	1.8	0
2	Materialisation and data partitioning algorithms for distributed RDF systems. Web Semantics, 2022, , 100711.	2.2	0
3	Modular materialisation of Datalog programs. Artificial Intelligence, 2022, 308, 103726.	3.9	0
4	Event Detection on Microposts: A Comparison of Four Approaches. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 1467-1478.	4.0	6
5	Limit Datalog. SIGMOD Record, 2020, 48, 6-17.	0.7	1
6	Datalog Reasoning over Compressed RDF Knowledge Bases. , 2019, , .		5
7	Maintenance of datalog materialisations revisited. Artificial Intelligence, 2019, 269, 76-136.	3.9	22
8	Datalog Materialisation in Distributed RDF Stores with Dynamic Data Exchange. Lecture Notes in Computer Science, 2019, , 21-37.	1.0	2
9	Estimating the Cardinality of Conjunctive Queries over RDF Data Using Graph Summarisation. , 2018, , .		18
10	Dynamic Data Exchange in Distributed RDF Stores. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 2312-2325.	4.0	5
11	Stratified Negation in Limit Datalog Programs. , 2018, , .		3
12	Foundations of Declarative Data Analysis Using Limit Datalog Programs. , 2017, , .		8
13	Consequence-based and fixed-parameter tractable reasoning in description logics. Artificial Intelligence, 2014, 209, 29-77.	3.9	14
14	HermiT: An OWL 2 Reasoner. Journal of Automated Reasoning, 2014, 53, 245-269.	1.1	388
15	A novel approach to ontology classification. Web Semantics, 2012, 14, 84-101.	2.2	50
16	Tractable query answering and rewriting under description logic constraints. Journal of Applied Logic, 2010, 8, 186-209.	1.1	93
17	Bridging the gap between OWL and relational databases. Web Semantics, 2009, 7, 74-89.	2.2	120
18	A Resolution-Based Decision Procedure for SHOIQ . Journal of Automated Reasoning, 2008, 40, 89-116.	1.1	26

#	ARTICLE	IF	CITATIONS
19	OWL 2: The next step for OWL. <i>Web Semantics</i> , 2008, 6, 309-322.	2.2	592
20	Deciding expressive description logics in the framework of resolution. <i>Information and Computation</i> , 2008, 206, 579-601.	0.5	22
21	Reasoning in Description Logics by a Reduction to Disjunctive Datalog. <i>Journal of Automated Reasoning</i> , 2007, 39, 351-384.	1.1	101
22	Query Answering for OWL-DL with rules. <i>Web Semantics</i> , 2005, 3, 41-60.	2.2	285
23	Modular Materialisation of Datalog Programs. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 0, 33, 2859-2866.	3.6	4