Mantas Simkus

List of Publications by Year
in descending order

27 papers	232 citations	1163117 8 h-index	1125743 13 g-index
29 all docs	29 docs citations	29 times ranked	110 citing authors

#	Article	IF	Citations
1	FDNC. ACM Transactions on Computational Logic, 2010, 11, 1-50.	0.9	25
2	Reasoning and Query Answering in Description Logics. Lecture Notes in Computer Science, 2012, , 1-53.	1.3	24
3	Query Answering in the Description Logic Horn- $\mathcal{SHIQ}$. Lecture Notes in Computer Science, 2008, , 166-179.	1.3	22
4	Expressiveness of guarded existential rule languages. , 2014, , .		19
5	Ontologies and Data Management: A Brief Survey. KI - Kunstliche Intelligenz, 2020, 34, 329-353.	3.2	19
6	$\mathbb{FDNC}$: Decidable Non-monotonic Disjunctive Logic Programs with Function Symbols. Lecture Notes in Computer Science, 2007, , 514-530.	1.3	19
7	Conjunctive query answering in the description logic $\mathcal{SH}$ using knots. Journal of Computer and System Sciences, 2012, 78, 47-85.	1.2	17
8	Towards Reconciling SPARQL and Certain Answers. , 2015, , .		13
9	Query Answering in Description Logics: The Knots Approach. Lecture Notes in Computer Science, 2009, , 26-36.	1.3	12
10	Regular Path Queries in Lightweight Description Logics: Complexity and Algorithms. Journal of Artificial Intelligence Research, 0, 53, 315-374.	7.0	11
11	Datalog and Its Extensions for Semantic Web Databases. Lecture Notes in Computer Science, 2012, , 54-77.	1.3	8
12	Managing Change in Graph-Structured Data Using Description Logics. ACM Transactions on Computational Logic, 2017, 18, 1-35.	0.9	8
13	Polynomial rewritings from expressive Description Logics with closed predicates to variants of Datalog. Artificial Intelligence, 2020, 280, 103220.	5.8	4
14	Linking Open-World Knowledge Bases Using Nonmonotonic Rules. Lecture Notes in Computer Science, 2015, , 294-308.	1.3	4
15	Special Issue on Ontologies and Data Management: Part I. KI - Kunstliche Intelligenz, 2020, 34, 287-289.	3.2	3
16	Query Rewriting for Ontology-Mediated Conditional Answers. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 2734-2741.	4.9	3
17	Resilient Logic Programs: Answer Set Programs Challenged by Ontologies. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 2917-2924.	4.9	3
18	The Impact of Active Domain Predicates on Guarded Existential Rules. Fundamenta Informaticae, 2018, 159, 123-146.	0.4	2

#	Article	IF	Citations
19	Interview with Diego Calvanese. KI - Kunstliche Intelligenz, 2020, 34, 551-555.	3.2	2
20	A Rule-based Framework for Creating Instance Data from OpenStreetMap. Lecture Notes in Computer Science, 2015, , 93-104.	1.3	2
21	Reasoning Using Knots. Lecture Notes in Computer Science, 2008, , 377-390.	1.3	2
22	Shape and Content. Lecture Notes in Computer Science, 2014, , 3-17.	1.3	2
23	The Challenge of Optional Matching in SPARQL. Lecture Notes in Computer Science, 2016, , 169-190.	1.3	1
24	Special Issue on Ontologies and Data Management: Part II. KI - Kunstliche Intelligenz, 2020, 34, 439-441.	3.2	1
25	Relaxing and Restraining Queries for OBDA. Proceedings of the AAAI Conference on Artificial Intelligence, 0, 33, 2654-2661.	4.9	1
26	The Impact of Active Domain Predicates on Guarded Existential Rules. Lecture Notes in Computer Science, 2016, , 94-110.	1.3	0
27	Binary Frontier-Guarded ASP with Function Symbols. Lecture Notes in Computer Science, 2015, , 311-327.	1.3	0