

# Mantas Simkus

## List of Publications by Year in descending order

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27  
papers

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citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Polynomial rewritings from expressive Description Logics with closed predicates to variants of Datalog. <i>Artificial Intelligence</i> , 2020, 280, 103220.	5.8	4
2	Special Issue on Ontologies and Data Management: Part I. <i>KI - Kunstliche Intelligenz</i> , 2020, 34, 287-289.	3.2	3
3	Interview with Diego Calvanese. <i>KI - Kunstliche Intelligenz</i> , 2020, 34, 551-555.	3.2	2
4	Ontologies and Data Management: A Brief Survey. <i>KI - Kunstliche Intelligenz</i> , 2020, 34, 329-353.	3.2	19
5	Special Issue on Ontologies and Data Management: Part II. <i>KI - Kunstliche Intelligenz</i> , 2020, 34, 439-441.	3.2	1
6	Query Rewriting for Ontology-Mediated Conditional Answers. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2020, 34, 2734-2741.	4.9	3
7	Resilient Logic Programs: Answer Set Programs Challenged by Ontologies. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2020, 34, 2917-2924.	4.9	3
8	The Impact of Active Domain Predicates on Guarded Existential Rules. <i>Fundamenta Informaticae</i> , 2018, 159, 123-146.	0.4	2
9	Managing Change in Graph-Structured Data Using Description Logics. <i>ACM Transactions on Computational Logic</i> , 2017, 18, 1-35.	0.9	8
10	The Impact of Active Domain Predicates on Guarded Existential Rules. <i>Lecture Notes in Computer Science</i> , 2016, , 94-110.	1.3	0
11	The Challenge of Optional Matching in SPARQL. <i>Lecture Notes in Computer Science</i> , 2016, , 169-190.	1.3	1
12	Towards Reconciling SPARQL and Certain Answers. , 2015, , .		13
13	A Rule-based Framework for Creating Instance Data from OpenStreetMap. <i>Lecture Notes in Computer Science</i> , 2015, , 93-104.	1.3	2
14	Linking Open-World Knowledge Bases Using Nonmonotonic Rules. <i>Lecture Notes in Computer Science</i> , 2015, , 294-308.	1.3	4
15	Binary Frontier-Guarded ASP with Function Symbols. <i>Lecture Notes in Computer Science</i> , 2015, , 311-327.	1.3	0
16	Expressiveness of guarded existential rule languages. , 2014, , .		19
17	Shape and Content. <i>Lecture Notes in Computer Science</i> , 2014, , 3-17.	1.3	2
18	Conjunctive query answering in the description logic $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{SH} \langle / \text{mml:mi} \rangle \langle / \text{mml:math} \rangle$ using knots. <i>Journal of Computer and System Sciences</i> , 2012, 78, 47-85.	1.2	17

#	ARTICLE	IF	CITATIONS
19	Reasoning and Query Answering in Description Logics. Lecture Notes in Computer Science, 2012, , 1-53.	1.3	24
20	Datalog and Its Extensions for Semantic Web Databases. Lecture Notes in Computer Science, 2012, , 54-77.	1.3	8
21	FDNC. ACM Transactions on Computational Logic, 2010, 11, 1-50.	0.9	25
22	Query Answering in Description Logics: The Knots Approach. Lecture Notes in Computer Science, 2009, , 26-36.	1.3	12
23	Query Answering in the Description Logic Horn- $\text{SHIQ}$ . Lecture Notes in Computer Science, 2008, , 166-179.	1.3	22
24	Reasoning Using Knots. Lecture Notes in Computer Science, 2008, , 377-390.	1.3	2
25	$\text{FDNC}$ : Decidable Non-monotonic Disjunctive Logic Programs with Function Symbols. Lecture Notes in Computer Science, 2007, , 514-530.	1.3	19
26	Relaxing and Restraining Queries for OBDA. Proceedings of the AAAI Conference on Artificial Intelligence, 0, 33, 2654-2661.	4.9	1
27	Regular Path Queries in Lightweight Description Logics: Complexity and Algorithms. Journal of Artificial Intelligence Research, 0, 53, 315-374.	7.0	11