Maarten Marx

List of Publications by Year in descending order

89 papers	1,706 citations	331670 21 h-index	345221 36 g-index
96 all docs	96 docs citations	96 times ranked	879 citing authors

#	Article	IF	Citations
1	Hybrid logics: characterization, interpolation and complexity. Journal of Symbolic Logic, 2001, 66, 977-1010.	0.5	141
2	Navigational XPath. SIGMOD Record, 2007, 36, 19-26.	1.2	122
3	Conditional XPath. ACM Transactions on Database Systems, 2005, 30, 929-959.	2.8	95
4	Effective Headlines of Newspaper Articles in a Digital Environment. Digital Journalism, 2017, 5, 1300-1314.	4.2	95
5	Multi-Dimensional Modal Logic. Applied Logic Series, 1997, , .	0.3	82
6	Semantic characterizations of navigational XPath. SIGMOD Record, 2005, 34, 41-46.	1.2	64
7	XPath with Conditional Axis Relations. Lecture Notes in Computer Science, 2004, , 477-494.	1.3	52
8	Undecidability of compass logic. Journal of Logic and Computation, 1999, 9, 897-914.	0.8	48
9	PDL for ordered trees. Journal of Applied Non-Classical Logics, 2005, 15, 115-135.	0.5	44
10	Complexity of products of modal logics. Journal of Logic and Computation, 1999, 9, 197-214.	0.8	40
11	Extracting the discussion structure in comments on news-articles. , 2007, , .		34
12	Conditional XPath, the first order complete XPath dialect. , 2004, , .		31
13	Articulating information needs in XML query languages. ACM Transactions on Information Systems, 2006, 24, 407-436.	4.9	31
14	Repairing the interpolation theorem in quantified modal logic. Annals of Pure and Applied Logic, 2003, 124, 287-299.	0.5	30
15	The quality of the XML Web. Web Semantics, 2013, 19, 59-68.	2.9	30
16	Tolerance Logic. Journal of Logic, Language and Information, 2001, 10, 353-374.	0.6	28
17	Regular equivalence and dynamic logic. Social Networks, 2003, 25, 51-65.	2.1	28
18	Named entity normalization in user generated content. , 2008, , .		27

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19	Queries determined by views. , 2007, , .		26
20	Digitization of the Canadian Parliamentary Debates. Canadian Journal of Political Science, 2017, 50, 849-864.	0.4	25
21	Constructive interpolation in hybrid logic. Journal of Symbolic Logic, 2003, 68, 463-480.	0.5	23
22	Learning to rank for multi-label text classification: Combining different sources of information. Natural Language Engineering, 2021, 27, 89-111.	2.5	23
23	Words are Malleable. , 2017, , .		22
24	The Mosaic Method for Temporal Logics. Lecture Notes in Computer Science, 2000, , 324-340.	1.3	22
25	Axiomatizing the Logical Core of XPathÂ2.0. Theory of Computing Systems, 2009, 44, 561-589.	1.1	19
26	Hybrid logics with Sahlqvist axioms. Logic Journal of the IGPL, 2005, 13, 293-300.	1.5	18
27	Structured queries in XML retrieval. , 2005, , .		18
28	The Semijoin Algebra and the Guarded Fragment. Journal of Logic, Language and Information, 2005, 14, 331-343.	0.6	17
29	Overview of the INEX 2011 Data-Centric Track. Lecture Notes in Computer Science, 2012, , 118-137.	1.3	17
30	Interpolation and Definability in Guarded Fragments. Studia Logica, 2002, 70, 373-409.	0.6	16
31	Luhn Revisited. , 2016, , .		15
32	Axiomatizing the Logical Core of XPath 2.0. Lecture Notes in Computer Science, 2006, , 134-148.	1.3	15
33	Time-Aware Authorship Attribution for Short Text Streams. , 2015, , .		15
34	Focused retrieval and result aggregation with political data. Information Retrieval, 2010, 13, 412-433.	2.0	14
35	Linking the kingdom. , 2013, , .		12
36	Failure of Interpolation in Combined Modal Logics. Notre Dame Journal of Formal Logic, 1998, 39, 253.	0.4	11

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37	3 Complexity of modal logic. Studies in Logic and Practical Reasoning, 2007, 3, 139-179.	1.4	11
38	Best-match querying from document-centric XML. , 2004, , .		10
39	Entity linking by focusing DBpedia candidate entities. , 2014, , .		10
40	Who said what to whom?. , 2009, , .		10
41	Remarks on Gregory's â€œActuallyâ€•Operator. Journal of Philosophical Logic, 2002, 31, 281-288.	0.9	9
42	Complete axiomatizations for XPath fragments. Journal of Applied Logic, 2010, 8, 153-172.	1.1	9
43	The quality of the XML web. , 2011, , .		9
44	On Horizontal and Vertical Separation in Hierarchical Text Classification. , 2016, , .		9
45	Amalgamation in relation algebras. Journal of Symbolic Logic, 1998, 63, 479-484.	0.5	8
46	Undecidable relativizations of algebras of relations. Journal of Symbolic Logic, 1999, 64, 747-760.	0.5	8
47	An analysis of XQuery benchmarks. Information Systems, 2008, 33, 155-181.	3.6	8
48	Automatic thematic classification of election manifestos. Information Processing and Management, 2014, 50, 554-567.	8.6	8
49	Generalized Group Profiling for Content Customization. , 2016, , .		8
50	Two-Way Parsimonious Classification Models forÂEvolving Hierarchies. Lecture Notes in Computer Science, 2016, , 69-82.	1.3	8
51	HiTR: Hierarchical Topic Model Re-Estimation for Measuring Topical Diversity of Documents. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 2124-2137.	5.7	7
52	Taming logic. Journal of Logic, Language and Information, 1995, 4, 207-226.	0.6	6
53	Recursion in XQuery. , 2009, , .		6
54	Summarization of meetings using word clouds. , 2011, , .		6

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55	Evaluation Methods for Rankings of Facetvalues for Faceted Search. Lecture Notes in Computer Science, 2011, , 131-136.	1.3	6
56	30 Years of PODS in facts and figures. SIGMOD Record, 2011, 40, 54-60.	1.2	6
57	All Proper Normal Extensions of S5-square have the Polynomial Size Model Property. Studia Logica, 2003, 73, 367-382.	0.6	5
58	An Inflationary Fixed Point Operator in XQuery. , 2008, , .		5
59	Long, often quite boring, notes of meetings. , 2009, , .		5
60	Decidability of cylindric set algebras of dimension two and first-order logic with two variables. Journal of Symbolic Logic, 1999, 64, 1563-1572.	0.5	4
61	Digital weight watching: reconstruction of scanned documents. International Journal on Document Analysis and Recognition, 2011, 14, 229-239.	3.4	4
62	Sources of Evidence for Automatic Indexing of Political Texts. Lecture Notes in Computer Science, 2015, , 568-573.	1.3	4
63	Are Topically Diverse Documents Also Interesting?. Lecture Notes in Computer Science, 2015, , 215-221.	1.3	4
64	Good Applications for Crummy Entity Linkers?. , 2017, , .		4
65	An Elementary Construction for a Non-elementary Procedure. Studia Logica, 2002, 72, 253-263.	0.6	3
66	Hierarchical Re-estimation of Topic Models for Measuring Topical Diversity. Lecture Notes in Computer Science, 2017, , 68-81.	1.3	3
67	Telling How to Narrow it Down. , 2017, , .		3
68	Two-Stage Named-Entity Recognition Using Averaged Perceptrons. Lecture Notes in Computer Science, 2012, , 171-176.	1.3	3
69	Computing with Cylindric Modal Logics and Arrow Logics, Lower Bounds. Studia Logica, 2002, 72, 233-252.	0.6	2
70	Digital weight watching. , 2009, , .		2
71	Containment of acyclic conjunctive queries with negated atoms or arithmetic comparisons. Information Processing Letters, 2017, 120, 30-39.	0.6	2
72	Semantically-Enabled Environmental Data Discovery and Integration: Demonstration Using the Iceland Volcano Use Case. Communications in Computer and Information Science, 2013, , 289-297.	0.5	2

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73	Containment for Conditional Tree Patterns. Logical Methods in Computer Science, 2015, 11, .	0.4	2
74	University of Amsterdam Data Centric Ad Hoc and Faceted Search Runs. Lecture Notes in Computer Science, 2012, , 155-160.	1.3	2
75	Relation algebras can tile. Information Sciences, 1999, 119, 173-191.	6.9	1
76	Helping people to choose for whom to vote. a web information system for the 2009 European elections. , 2009, , .		1
77	Containment for queries over trees with attribute value comparisons. Information Systems, 2016, 58, 1-13.	3.6	1
78	On Search Powered Navigation. , 2017, , .		1
79	How Many Labels? Determining the Number of Labels in Multi-Label Text Classification. Lecture Notes in Computer Science, 2019, , 156-163.	1.3	1
80	The surplus value of semantic annotations. , 2010, , .		1
81	Situation Calculus as Hybrid Logic: First Steps. Lecture Notes in Computer Science, 2001, , 253-260.	1.3	1
82	Notions of Indistinguishability for Semantic Web Languages. Lecture Notes in Computer Science, 2002, , 30-38.	1.3	1
83	Logical Foundations of XML and XQuery. Lecture Notes in Computer Science, 2009, , 111-157.	1.3	1
84	Tree patterns with full text search. , 2010, , .		1
85	The Quality of the XML Web. SSRN Electronic Journal, 0, , .	0.4	1
86	Multi-Dimensional Semantics for Modal Logics. Notre Dame Journal of Formal Logic, 1996, 37, .	0.4	1
87	Electoral search using the VerkiezingsKijker. , 2007, , .		0
88	Succinct summaries of narrative events using social networks. , 2011, , .		0
89	Anaphoric Definitions in Description Logic. Lecture Notes in Computer Science, 2002, , 410-417.	1.3	0