Georg Gottlob

List of Publications by Year
in descending order

239 papers	9,802 citations	71102 41 h-index	51608 86 g-index
253 all docs	253 docs citations	253 times ranked	2372 citing authors

#	Article	IF	Citations
1	The DLV system for knowledge representation and reasoning. ACM Transactions on Computational Logic, 2006, 7, 499-562.	0.9	737
2	Logic Programming and Databases. Surveys in Computer Science, 1990, , .	1.9	497
3	Complexity and expressive power of logic programming. ACM Computing Surveys, 2001, 33, 374-425.	23.0	484
4	What you always wanted to know about Datalog (and never dared to ask). IEEE Transactions on Knowledge and Data Engineering, 1989, 1, 146-166.	5.7	426
5	Disjunctive datalog. ACM Transactions on Database Systems, 1997, 22, 364-418.	2.8	338
6	Identifying the Minimal Transversals of a Hypergraph and Related Problems. SIAM Journal on Computing, 1995, 24, 1278-1304.	1.0	323
7	The complexity of logic-based abduction. Journal of the ACM, 1995, 42, 3-42.	2.2	277
8	Complexity Results for Nonmonotonic Logics. Journal of Logic and Computation, 1992, 2, 397-425.	0.8	258
9	Hypertree Decompositions and Tractable Queries. Journal of Computer and System Sciences, 2002, 64, 579-627.	1.2	255
10	On the complexity of propositional knowledge base revision, updates, and counterfactuals. Artificial Intelligence, 1992, 57, 227-270.	5.8	250
11	On the computational cost of disjunctive logic programming: Propositional case. Annals of Mathematics and Artificial Intelligence, 1995, 15, 289-323.	1.3	229
12	A general Datalog-based framework for tractable query answering over ontologies. Web Semantics, 2012, 14, 57-83.	2.9	222
13	A comparison of structural CSP decomposition methods. Artificial Intelligence, 2000, 124, 243-282.	5.8	204
14	Efficient algorithms for processing XPath queries. ACM Transactions on Database Systems, 2005, 30, 444-491.	2.8	177
15	The complexity of acyclic conjunctive queries. Journal of the ACM, 2001, 48, 431-498.	2.2	141
16	Towards more expressive ontology languages: The query answering problem. Artificial Intelligence, 2012, 193, 87-128.	5.8	134
17	Propositional circumscription and extended closed-world reasoning are $\hat{I}P2$-complete. Theoretical Computer Science, 1993, 114, 231-245.	0.9	120
18	Monadic datalog and the expressive power of languages for Web information extraction. Journal of the ACM, 2004, 51, 74-113.	2.2	119

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19	A general datalog-based framework for tractable query answering over ontologies. , 2009, , .		114
20	Properties and update semantics of consistent views. ACM Transactions on Database Systems, 1988, 13, 486-524.	2.8	108
21	Efficient Algorithms for Processing XPath Queries. , 2002, , 95-106.		100
22	New Results on Monotone Dualization and Generating Hypergraph Transversals. SIAM Journal on Computing, 2003, 32, 514-537.	1.0	93
23	Computational aspects of monotone dualization: A brief survey. Discrete Applied Mathematics, 2008, 156, 2035-2049.	0.9	90
24	Abduction from logic programs: Semantics and complexity. Theoretical Computer Science, 1997, 189, 129-177.	0.9	87
25	The Lixto data extraction project. , 2004, , .		87
26	Ontological queries: Rewriting and optimization. , 2011, , .		87
27	Robbers, marshals, and guards: game theoretic and logical characterizations of hypertree width. Journal of Computer and System Sciences, 2003, 66, 775-808.	1.2	80
28	The complexity of XPath query evaluation. , 2003, , .		78
29	Datalog+/-: A Family of Logical Knowledge Representation and Query Languages for New Applications. , 2010, , .		78
30	Fixed-parameter complexity in AI and nonmonotonic reasoning. Artificial Intelligence, 2002, 138, 55-86.	5.8	74
31	Hypertree width and related hypergraph invariants. European Journal of Combinatorics, 2007, 28, 2167-2181.	0.8	72
32	Enhancing model checking in verification by AI techniques. Artificial Intelligence, 1999, 112, 57-104.	5.8	67
33	Generalized hypertree decompositions: NP-hardness and tractable variants. Journal of the ACM, 2009, 56, 1-32.	2.2	65
34	Subsumption and implication. Information Processing Letters, 1987, 24, 109-111.	0.6	64
35	Efficient core computation in data exchange. Journal of the ACM, 2008, 55, 1-49.	2.2	64
36	OXPath: A language for scalable data extraction, automation, and crawling on the deep web. VLDB Journal, 2013, 22, 47-72.	4.1	63

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37	The complexity of XPath query evaluation and XML typing. Journal of the ACM, 2005, 52, 284-335.	2.2	61
38	DatalogÂ±. , 2009, , .		60
39	Query Rewriting and Optimization for Ontological Databases. ACM Transactions on Database Systems, 2014, 39, 1-46.	2.8	59
40	Advanced processing for ontological queries. Proceedings of the VLDB Endowment, 2010, 3, 554-565.	3.8	59
41	Schema mapping discovery from data instances. Journal of the ACM, 2010, 57, 1-37.	2.2	58
42	Hypertree decompositions and tractable queries. , 1999, , .		54
43	Conjunctive queries over trees. Journal of the ACM, 2006, 53, 238-272.	2.2	53
44	The price of query rewriting in ontology-based data access. Artificial Intelligence, 2014, 213, 42-59.	5.8	52
45	Datalog LITE. ACM Transactions on Computational Logic, 2002, 3, 42-79.	0.9	50
46	The INFOMIX system for advanced integration of incomplete and inconsistent data. , 2005, , .		49
47	Hypertree Decompositions. , 2016, , .		45
48	Translating default logic into standard autoepistemic logic. Journal of the ACM, 1995, 42, 711-740.	2.2	44
49	Expressive languages for querying the semantic web. , 2014, , .		43
50	DIADEM. Proceedings of the VLDB Endowment, 2014, 7, 1845-1856.	3.8	43
51	Removing redundancy from a clause. Artificial Intelligence, 1993, 61, 263-289.	5.8	42
52	Default logic as a query language. IEEE Transactions on Knowledge and Data Engineering, 1997, 9, 448-463.	5.7	41
53	Bounded treewidth as a key to tractability of knowledge representation and reasoning. Artificial Intelligence, 2010, 174, 105-132.	5.8	40
54	Monadic datalog and the expressive power of languages for web information extraction. , 2002, , .		40

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55	Conjunctive queries over trees. , 2004, , .		38
56	Data exchange. , 2006, , .		38
57	Semantic Web search based on ontological conjunctive queries. Web Semantics, 2011, 9, 453-473.	2.9	37
58	NP trees and Carnap's modal logic. Journal of the ACM, 1995, 42, 421-457.	2.2	35
59	Computing cores for data exchange. , 2005, , .		35
60	Querying the Guarded Fragment. , 2010, , .		35
61	On the complexity of single-rule datalog queries. Information and Computation, 2003, 183, 104-122.	0.7	33
62	Scalable web data extraction for online market intelligence. Proceedings of the VLDB Endowment, 2009, 2, 1512-1523.	3.8	33
63	DIADEM. , 2012, , .		32
64	Query answering under probabilistic uncertainty in Datalog+â€‰/â€‰â˜ ontologies. Annals of Mathematics and Artificial Intelligence, 2013, 69, 37-72.	1.3	32
65	Succinctness as a source of complexity in logical formalisms. Annals of Pure and Applied Logic, 1999, 97, 231-260.	0.5	31
66	RDF Querying: Language Constructs and Evaluation Methods Compared. Lecture Notes in Computer Science, 2006, , 1-52.	1.3	30
67	Hypothesis classification, abductive diagnosis and therapy. Lecture Notes in Computer Science, 1990, , 69-78.	1.3	30
68	Reducing Disjunctive to Non-Disjunctive Semantics by Shift-Operations. Fundamenta Informaticae, 1996, 28, 87-100.	0.4	29
69	Size and Treewidth Bounds for Conjunctive Queries. Journal of the ACM, 2012, 59, 1-35.	2.2	29
70	Web Data Extraction System. , 2009, , 3465-3471.		29
71	Normalization of relations and PROLOG. Communications of the ACM, 1986, 29, 524-544.	4.5	28
72	The VADA Architecture for Cost-Effective Data Wrangling. , 2017, , .		28

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73	Hypertree Decompositions: A Survey. Lecture Notes in Computer Science, 2001, , 37-57.	1.3	27
74	Relativized logspace and generalized quantifiers over finite ordered structures. Journal of Symbolic Logic, 1997, 62, 545-574.	0.5	26
75	Semantics and complexity of abduction from default theories. Artificial Intelligence, 1997, 90, 177-223.	5.8	26
76	Computing LOGCFL certificates. Theoretical Computer Science, 2002, 270, 761-777.	0.9	26
77	A logical approach to multicut problems. Information Processing Letters, 2007, 103, 136-141.	0.6	25
78	Ontological query answering under expressive Entity–Relationship schemata. Information Systems, 2012, 37, 320-335.	3.6	25
79	Optimization Methods for the Partner Units Problem. Lecture Notes in Computer Science, 2011, , 4-19.	1.3	25
80	A non-ground realization of the stable and well-founded semantics. Theoretical Computer Science, 1996, 166, 221-262.	0.9	24
81	A backtracking-based algorithm for hypertree decomposition. Journal of Experimental Algorithmics, 2009, 13, .	1.0	24
82	Querying the Guarded Fragment. Logical Methods in Computer Science, 2014, 10, .	0.4	24
83	Query Answering in the Description Logic Horn- $\mathcal{SHIQ}$. Lecture Notes in Computer Science, 2008, , 166-179.	1.3	22
84	On minimal constraint networks. Artificial Intelligence, 2012, 191-192, 42-60.	5.8	21
85	The ontological key: automatically understanding and integrating forms to access the deep Web. VLDB Journal, 2013, 22, 615-640.	4.1	21
86	Heuristic Methods for Hypertree Decomposition. Lecture Notes in Computer Science, 2008, , 1-11.	1.3	21
87	Normal forms for second-order logic over finite structures, and classification of NP optimization problems. Annals of Pure and Applied Logic, 1996, 78, 111-125.	0.5	20
88	Hypergraphs in Model Checking: Acyclicity and Hypertree-Width versus Clique-Width. SIAM Journal on Computing, 2004, 33, 351-378.	1.0	20
89	Existential second-order logic over graphs. Journal of the ACM, 2004, 51, 312-362.	2.2	19
90	OPAL. , 2012, , .		19

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91	Expressiveness of guarded existential rule languages. , 2014, , .		19
92	Vadalog: A modern architecture for automated reasoning with large knowledge graphs. Information Systems, 2022, 105, 101528.	3.6	19
93	Multiagent Compromises, Joint Fixpoints, and Stable Models. Lecture Notes in Computer Science, 2002, , 561-585.	1.3	19
94	Tractable Optimization Problems through Hypergraph-Based Structural Restrictions. Lecture Notes in Computer Science, 2009, , 16-30.	1.3	19
95	On ACTL Formulas Having Linear Counterexamples. Journal of Computer and System Sciences, 2001, 62, 463-515.	1.2	18
96	Generalized hypertree decompositions. , 2007, , .		18
97	Reasoning with Parsimonious and Moderately Grounded Expansions. Fundamenta Informaticae, 1992, 17, 31-53.	0.4	18
98	General and Fractional Hypertree Decompositions. , 2018, , .		17
99	An efficient method for eliminating varying predicates from a circumscription. Artificial Intelligence, 1992, 54, 397-410.	5.8	16
100	On the complexity of some inductive logic programming problems. New Generation Computing, 1999, 17, 53-75.	3.3	16
101	VADA: an architecture for end user informed data preparation. Journal of Big Data, 2019, 6, .	11.0	16
102	OXPath. Proceedings of the VLDB Endowment, 2011, 4, 1016-1027.	3.8	16
103	Second order logic and the weak exponential hierarchies. Lecture Notes in Computer Science, 1995, , 66-81.	1.3	15
104	The complexity class $\hat{I}_{,}p2$: Recent results and applications in AI and modal logic. Lecture Notes in Computer Science, 1997, , 1-18.	1.3	15
105	Existential second-order logic over strings. Journal of the ACM, 2000, 47, 77-131.	2.2	15
106	On the complexity of combinatorial auctions. , 2007, , .		15
107	Monadic datalog over finite structures of bounded treewidth. ACM Transactions on Computational Logic, 2010, 12, 1-48.	0.9	15
108	Well-founded semantics for extended datalog and ontological reasoning. , 2013, , .		15

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109	On Tractable Queries and Constraints. Lecture Notes in Computer Science, 1999, , 1-15.	1.3	15
110	Semantic Web Search Based on Ontological Conjunctive Queries. Lecture Notes in Computer Science, 2010, , 153-172.	1.3	15
111	Datalog+/-: A Family of Languages for Ontology Querying. Lecture Notes in Computer Science, 2011, , 351-368.	1.3	15
112	Tractable database design through bounded treewidth. , 2006, , .		14
113	Tractable database design and datalog abduction through bounded treewidth. Information Systems, 2010, 35, 278-298.	3.6	14
114	Decomposing combinatorial auctions and set packing problems. Journal of the ACM, 2013, 60, 1-39.	2.2	14
115	Tractable Query Answering over Conceptual Schemata. Lecture Notes in Computer Science, 2009, , 175-190.	1.3	14
116	Ontological Query Answering via Rewriting. Lecture Notes in Computer Science, 2011, , 1-18.	1.3	14
117	Logic-based web information extraction. SIGMOD Record, 2004, 33, 87-94.	1.2	13
118	Real understanding of real estate forms. , 2011, , .		13
119	A logical toolbox for ontological reasoning. SIGMOD Record, 2011, 40, 5-14.	1.2	13
120	Ontology-based semantic search on the Web and its combination with the power of inductive reasoning. Annals of Mathematics and Artificial Intelligence, 2012, 65, 83-121.	1.3	13
121	Expressiveness of stable model semantics for disjunctive logic programs with functions. The Journal of Logic Programming, 1997, 33, 167-178.	1.7	12
122	Robbers, marshals, and guards. , 2001, , .		12
123	Normalization and optimization of schema mappings. VLDB Journal, 2011, 20, 277.	4.1	12
124	Determining relevance of accesses at runtime. , 2011, , .		12
125	Chase Termination for Guarded Existential Rules. , 2015, , .		12
126	The Lixto Systems Applications in Business Intelligence and Semantic Web. Lecture Notes in Computer Science, 2007, , 16-26.	1.3	12

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127	Cumulative default logic: Finite characterization, algorithms, and complexity. Artificial Intelligence, 1994, 69, 329-345.	5.8	11
128	XPath processing in a nutshell. SIGMOD Record, 2003, 32, 21-27.	1.2	11
129	On the Complexity of Ontological Reasoning under Disjunctive Existential Rules. Lecture Notes in Computer Science, 2012, , 1-18.	1.3	11
130	Treewidth and Hypertree Width. , 2014, , 3-38.		11
131	Semantic Acyclicity Under Constraints. , 2016, , .		11
132	Expressive Languages for Querying the Semantic Web. ACM Transactions on Database Systems, 2018, 43, 1-45.	2.8	11
133	Modular logic programming and generalized quantifiers. Lecture Notes in Computer Science, 1997, , 289-308.	1.3	11
134	Distributed XML design. , 2009, , .		11
135	Data science with Vadalog: Knowledge Graphs with machine learning and reasoning in practice. Future Generation Computer Systems, 2022, 129, 407-422.	7.5	11
136	On the size of nonredundant FD-covers. Information Processing Letters, 1987, 24, 355-360.	0.6	10
137	XPath processing in a nutshell. SIGMOD Record, 2003, 32, 12-19.	1.2	10
138	Combining decidability paradigms for existential rules. Theory and Practice of Logic Programming, 2013, 13, 877-892.	1.5	10
139	Fixed-Parameter Complexity in AI and Nonmonotonic Reasoning. Lecture Notes in Computer Science, 1999, , 1-18.	1.3	10
140	Uniform Constraint Satisfaction Problems and Database Theory. Lecture Notes in Computer Science, 2008, , 156-195.	1.3	10
141	Foundations of Rule-Based Query Answering. Lecture Notes in Computer Science, 2007, , 1-153.	1.3	10
142	On the complexity of deriving schema mappings from database instances. , 2008, , .		9
143	Combining Semantic Web Search with the Power of Inductive Reasoning. Lecture Notes in Computer Science, 2010, , 137-150.	1.3	9
144	Browserless Web Data Extraction. , 2018, , .		9

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145	The complexity of logic-based abduction. Lecture Notes in Computer Science, 1993, , 70-79.	1.3	9
146	Query Answering under Expressive Entity-Relationship Schemata. Lecture Notes in Computer Science, 2010, , 347-361.	1.3	9
147	Conjunctive Query Answering in Probabilistic Datalog+/â€" Ontologies. Lecture Notes in Computer Science, 2011, , 77-92.	1.3	9
148	Querying UML Class Diagrams. Lecture Notes in Computer Science, 2012, , 1-25.	1.3	9
149	Querying the Guarded Fragment with Transitivity. Lecture Notes in Computer Science, 2013, , 287-298.	1.3	9
150	The Lixto Project: Exploring New Frontiers of Web Data Extraction. Lecture Notes in Computer Science, 2006, , 1-15.	1.3	9
151	Working with ARMs: Complexity Results on Atomic Representations of Herbrand Models. Information and Computation, 2001, 165, 183-207.	0.7	8
152	Inductive reasoning and semantic web search. , 2010, , .		8
153	HyperBench. , 2019, , .		8
154	Little Knowledge Rules the Web: Domain-Centric Result Page Extraction. Lecture Notes in Computer Science, 2011, , 61-76.	1.3	8
155	Datalog and Its Extensions for Semantic Web Databases. Lecture Notes in Computer Science, 2012, , 54-77.	1.3	8
156	Size and treewidth bounds for conjunctive queries. , 2009, , .		8
157	Hypertree-Width and Related Hypergraph Invariants. Discrete Mathematics and Theoretical Computer Science, 2005, DMTCS Proceedings vol. AE,..., .	0.1	8
158	Formalizing the repair process ? extended report. Annals of Mathematics and Artificial Intelligence, 1994, 11, 187-201.	1.3	7
159	On the complexity of some Inductive Logic Programming problems. Lecture Notes in Computer Science, 1997, , 17-32.	1.3	7
160	Capturing Relativized Complexity Classes without Order. Mathematical Logic Quarterly, 1998, 44, 109-122.	0.2	7
161	A Formal Comparison of Visual Web Wrapper Generators. Lecture Notes in Computer Science, 2006, , 30-48.	1.3	7
162	Hypergraphs in Model Checking: Acyclicity and Hypertree-Width versus Clique-Width. Lecture Notes in Computer Science, 2001, , 708-719.	1.3	7

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163	Chapter 9: Service Marts. Lecture Notes in Computer Science, 2010, , 163-187.	1.3	7
164	Default Logic as a Query Language. , 1994, , 99-108.		7
165	Complexity of propositional nested circumscription and nested abnormality theories. ACM Transactions on Computational Logic, 2005, 6, 232-272.	0.9	6
166	Achieving New Upper Bounds for the Hypergraph Duality Problem through Logic. SIAM Journal on Computing, 2018, 47, 456-492.	1.0	6
167	The Space-Efficient Core of Vadalog. , 2019, , .		6
168	Vadalog: Recent Advances and Applications. Lecture Notes in Computer Science, 2019, , 21-37.	1.3	6
169	Hypergraph Transversals. Lecture Notes in Computer Science, 2004, , 1-5.	1.3	6
170	Chapter 6: Web Data Extraction for Service Creation. Lecture Notes in Computer Science, 2010, , 94-113.	1.3	6
171	Answering Threshold Queries in Probabilistic Datalog+/â€" Ontologies. Lecture Notes in Computer Science, 2011, , 401-414.	1.3	6
172	Monadic datalog over finite structures with bounded treewidth. , 2007, , .		5
173	Deciding monotone duality and identifying frequent itemsets in quadratic logspace. , 2013, , .		5
174	HyperBench. Journal of Experimental Algorithmics, 2021, 26, 1-40.	1.0	5
175	Second-Order Logic over Strings: Regular and Non-regular Fragments. Lecture Notes in Computer Science, 2002, , 37-56.	1.3	5
176	Fast and Parallel Decomposition of Constraint Satisfaction Problems. , 2020, , .		5
177	Propositional default logics made easier: computational complexity of model checking. Theoretical Computer Science, 2002, 289, 591-627.	0.9	4
178	Function Symbols in Tuple-Generating Dependencies. , 2015, , .		4
179	Tractability frontiers of the partner units configuration problem. Journal of Computer and System Sciences, 2016, 82, 739-755.	1.2	4
180	Tree projections and constraint optimization problems: Fixed-parameter tractability and parallel algorithms. Journal of Computer and System Sciences, 2018, 94, 11-40.	1.2	4

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181	Complexity Analysis of Generalized and Fractional Hypertree Decompositions. Journal of the ACM, 2021, 68, 1-50.	2.2	4
182	Semantic Optimization of Conjunctive Queries. Journal of the ACM, 2020, 67, 1-60.	2.2	4
183	Magic semi-joins. Information Processing Letters, 1989, 33, 97-107.	0.6	3
184	Remarks on a Carnapian Extension of S5. , 1999, , 243-259.		3
185	Semantic Web Search Based on Ontological Conjunctive Queries. SSRN Electronic Journal, 0, , .	0.4	3
186	Monadic Datalog, Tree Validity, and Limited Access Containment. ACM Transactions on Computational Logic, 2020, 21, 1-45.	0.9	3
187	Integrating Semi-structured Data into Business Applications: A Web Intelligence Example. Lecture Notes in Computer Science, 2005, , 469-482.	1.3	3
188	The power of beliefs or translating default logic into standard autoepistemic logic. Lecture Notes in Computer Science, 1994, , 133-144.	1.3	3
189	On Minimal Constraint Networks. Lecture Notes in Computer Science, 2011, , 325-339.	1.3	3
190	A General Datalog-Based Framework for Tractable Query Answering Over Ontologies. SSRN Electronic Journal, 0, , .	0.4	3
191	On the expressiveness of frame satisfiability and fragments of second-order logic. Journal of Symbolic Logic, 1998, 63, 73-82.	0.5	2
192	Complexity results for some eigenvector problems. International Journal of Computer Mathematics, 2000, 76, 59-74.	1.8	2
193	Alternation as a programming paradigm. , 2009, , .		2
194	OXPath. , 2011, , .		2
195	Semantic Web Search and Inductive Reasoning. Lecture Notes in Computer Science, 2013, , 237-261.	1.3	2
196	LoCoâ€"A Logic for Configuration Problems. ACM Transactions on Computational Logic, 2014, 15, 1-25.	0.9	2
197	The Impact of Active Domain Predicates on Guarded Existential Rules. Fundamenta Informaticae, 2018, 159, 123-146.	0.4	2
198	RED: Redundancy-Driven Data Extraction from Result Pages?. , 2019, , .		2

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199	On the Complexity of Theory Curbing. , 2000, , 1-19.		2
200	Towards a theory of the repair process. Lecture Notes in Computer Science, 1991, , 222-236.	1.3	2
201	The Model Checking Problem for Prefix Classes of Second-Order Logic: A Survey. Lecture Notes in Computer Science, 2010, , 227-250.	1.3	2
202	Querying Conceptual Schemata with Expressive Equality Constraints. Lecture Notes in Computer Science, 2011, , 161-174.	1.3	2
203	How the Minotaur Turned into Ariadne: Ontologies in Web Data Extraction. Lecture Notes in Computer Science, 2011, , 13-27.	1.3	2
204	On the Interaction of Existential Rules and Equality Constraints in Ontology Querying. Lecture Notes in Computer Science, 2012, , 117-133.	1.3	2
205	Multi-head Guarded Existential Rules Over Fixed Signatures. , 2020, , .		2
206	The HyperTrac Project: Recent Progress and Future Research Directions on Hypergraph Decompositions. Lecture Notes in Computer Science, 2020, , 3-21.	1.3	2
207	The Space-Efficient Core of Vadalog. ACM Transactions on Database Systems, 2022, 47, 1-46.	2.8	2
208	Fast and parallel decomposition of constraint satisfaction problems. Constraints, 2022, 27, 284-326.	0.7	2
209	Non-Uniformly Terminating Chase: Size and Complexity. , 2022, , .		2
210	From Carnap's modal logic to autoepistemic logic. , 1994, , 1-18.		1
211	Second-Order Logic over Finite Structures – Report on a Research Programme. Lecture Notes in Computer Science, 2004, , 229-243.	1.3	1
212	Wormholes of Communication: Interfacing Virtual Worlds and the Real World. , 2009, , .		1
213	Taking the OXPath down the deep web. , 2011, , .		1
214	A front row seat to Communications ' editorial transformation. Communications of the ACM, 2014, 57, 5-5.	4.5	1
215	Achieving new upper bounds for the hypergraph duality problem through logic. , 2014, , .		1
216	Preface of the Special Issue in Memoriam Helmut Veith. Formal Methods in System Design, 2017, 51, 267-269.	0.8	1

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217	Vadalog: A Language and System for Knowledge Graphs. Lecture Notes in Computer Science, 2018, , 3-8.	1.3	1
218	Guarded Ontology-Mediated Queries. Outstanding Contributions To Logic, 2021, , 27-52.	0.3	1
219	On the Complexity of Single-Rule Datalog Queries. Lecture Notes in Computer Science, 1999, , 201-222.	1.3	1
220	Tree Projections: Game Characterization and Computational Aspects. Lecture Notes in Computer Science, 2009, , 217-226.	1.3	1
221	Combinatorial auctions with tractable winner determination. , 2007, 7, 15-18.		1
222	The Return of the Entity-Relationship Model: Ontological Query Answering. Data-centric Systems and Applications, 2012, , 255-281.	0.2	1
223	Generalized Quantifiers in Logic Programs. Lecture Notes in Computer Science, 1999, , 72-98.	1.3	1
224	Recent Advances in Datalog $$^pm$$. Lecture Notes in Computer Science, 2015, , 193-217.	1.3	1
225	Web Data Extraction System. , 2018, , 4611-4618.		1
226	Finite Model Reasoning in Hybrid Classes of Existential Rules. , 2018, , .		1
227	Fast Parallel Hypertree Decompositions in Logarithmic Recursion Depth. , 2022, , .		1
228	Second-Order Logic over Finite Structures â€" Report on a Research Programme. Electronic Notes in Discrete Mathematics, 2006, 27, 41-42.	0.4	0
229	Reasoning under minimal upper bounds in propositional logic. Theoretical Computer Science, 2006, 369, 82-115.	0.9	0
230	Marco Cadoli's work on nonmonotonic reasoning. Intelligenza Artificiale, 2013, 7, 7-17.	1.6	0
231	Combining decidability paradigms for existential rules. Theory and Practice of Logic Programming - CORRIGENDUM. Theory and Practice of Logic Programming, 2016, 16, 139-139.	1.5	0
232	The Impact of Active Domain Predicates on Guarded Existential Rules. Lecture Notes in Computer Science, 2016, , 94-110.	1.3	0
233	Balanced Queries: Divide and Conquer. Lecture Notes in Computer Science, 2010, , 42-54.	1.3	0
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235	DIADEM: Domains to Databases. Lecture Notes in Computer Science, 2012, , 1-8.	1.3	0
236	Tractable Reasoning in Description Logics with Functionality Constraints. Lecture Notes in Computer Science, 2013, , 174-192.	1.3	0
237	On the Complexity of Clause Condensing. Informatik-Fachberichte, 1991, , 16-29.	0.2	0
238	Web Data Extraction System. , 2016, , 1-8.		0
239	Stable Model Semantics for Guarded Existential Rules and Description Logics: Decidability and Complexity. Journal of the ACM, 2021, 68, 1-87.	2.2	0