

Stephane Demri

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4068065/publications.pdf>

Version: 2024-02-01

87
papers

1,268
citations

758635

12
h-index

433756

31
g-index

88
all docs

88
docs citations

88
times ranked

787
citing authors

#	ARTICLE	IF	CITATIONS
1	Internal proof calculi for modal logics with separating conjunction. Journal of Logic and Computation, 2021, 31, 832-891.	0.5	1
2	The Effects of Adding Reachability Predicates in Quantifier-Free Separation Logic. ACM Transactions on Computational Logic, 2021, 22, 1-56.	0.7	1
3	Concrete domains in logics. ACM SIGLOG News, 2021, 8, 6-29.	0.3	2
4	Strategic reasoning with a bounded number of resources: The quest for tractability. Artificial Intelligence, 2021, 300, 103557.	3.9	1
5	Modal Logics with Composition on Finite Forests. , 2020, , .		3
6	Parameterised Resource-Bounded ATL. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 7040-7046.	3.6	3
7	Why Propositional Quantification Makes Modal Logics on Trees Robustly Hard?. , 2019, , .		7
8	The power of modal separation logics. Journal of Logic and Computation, 2019, 29, 1139-1184.	0.5	7
9	Axiomatising Logics with Separating Conjunction and Modalities. Lecture Notes in Computer Science, 2019, , 692-708.	1.0	2
10	Equivalence between model-checking flat counter systems and Presburger arithmetic. Theoretical Computer Science, 2018, 735, 2-23.	0.5	1
11	The Effects of Adding Reachability Predicates in Propositional Separation Logic. Lecture Notes in Computer Science, 2018, , 476-493.	1.0	11
12	Reasoning About Reversal-Bounded Counter Machines. Outstanding Contributions To Logic, 2018, , 441-479.	0.2	0
13	Separation Logic with One Quantified Variable. Theory of Computing Systems, 2017, 61, 371-461.	0.7	8
14	Temporal logics on strings with prefix relation. Journal of Logic and Computation, 2016, 26, 989-1017.	0.5	2
15	Expressive Completeness of Separation Logic with Two Variables and No Separating Conjunction. ACM Transactions on Computational Logic, 2016, 17, 1-44.	0.7	8
16	Reasoning about data repetitions with counter systems. Logical Methods in Computer Science, 2016, 12, .	0.4	12
17	On the Complexity of Resource-Bounded Logics. Lecture Notes in Computer Science, 2016, , 36-50.	1.0	2
18	Taming past LTL and flat counter systems. Information and Computation, 2015, 242, 306-339.	0.5	4

#	ARTICLE	IF	CITATIONS
19	Separation logics and modalities: a survey. <i>Journal of Applied Non-Classical Logics</i> , 2015, 25, 50-99.	0.4	13
20	Two-Variable Separation Logic and Its Inner Circle. <i>ACM Transactions on Computational Logic</i> , 2015, 16, 1-36.	0.7	5
21	Expressive completeness of separation logic with two variables and no separating conjunction. , 2014, , .		12
22	Separation Logic with One Quantified Variable. <i>Lecture Notes in Computer Science</i> , 2014, , 125-138.	1.0	15
23	Equivalence Between Model-Checking Flat Counter Systems and Presburger Arithmetic. <i>Lecture Notes in Computer Science</i> , 2014, , 85-97.	1.0	3
24	Reasoning about Data Repetitions with Counter Systems. , 2013, , .		7
25	On selective unboundedness of VASS. <i>Journal of Computer and System Sciences</i> , 2013, 79, 689-713.	0.9	9
26	The covering and boundedness problems for branching vector addition systems. <i>Journal of Computer and System Sciences</i> , 2013, 79, 23-38.	0.9	25
27	Model-Checking Bounded Multi-Pushdown Systems. <i>Lecture Notes in Computer Science</i> , 2013, , 405-417.	1.0	6
28	Witness Runs for Counter Machines. <i>Lecture Notes in Computer Science</i> , 2013, , 1-4.	1.0	0
29	On the Complexity of Verifying Regular Properties on Flat Counter Systems,. <i>Lecture Notes in Computer Science</i> , 2013, , 162-173.	1.0	7
30	Witness Runs for Counter Machines. <i>Lecture Notes in Computer Science</i> , 2013, , 120-150.	1.0	2
31	Temporal Logics of Repeating Values. <i>Journal of Logic and Computation</i> , 2012, 22, 1059-1096.	0.5	9
32	On the almighty wand. <i>Information and Computation</i> , 2012, 211, 106-137.	0.5	42
33	Automata-Based Computation of Temporal Equilibrium Models. <i>Lecture Notes in Computer Science</i> , 2012, , 57-72.	1.0	10
34	Specification and Verification using Temporal Logics. , 2012, , 457-493.		5
35	Taming Past LTL and Flat Counter Systems. <i>Lecture Notes in Computer Science</i> , 2012, , 179-193.	1.0	8
36	The Complexity of Reversal-Bounded Model-Checking. <i>Lecture Notes in Computer Science</i> , 2011, , 71-86.	1.0	5

#	ARTICLE	IF	CITATIONS
37	Complexity of modal logics with Presburger constraints. Journal of Applied Logic, 2010, 8, 233-252.	1.1	17
38	Model checking memoryful linear-time logics over one-counter automata. Theoretical Computer Science, 2010, 411, 2298-2316.	0.5	9
39	Model-checking CTL* over flat Presburger counter systems. Journal of Applied Non-Classical Logics, 2010, 20, 313-344.	0.4	12
40	When Model-Checking Freeze LTL over Counter Machines Becomes Decidable. Lecture Notes in Computer Science, 2010, , 176-190.	1.0	12
41	The complexity of linear-time temporal logic over the class of ordinals. Logical Methods in Computer Science, 2010, 6, .	0.4	3
42	LTL with the freeze quantifier and register automata. ACM Transactions on Computational Logic, 2009, 10, 1-30.	0.7	153
43	Reasoning about sequences of memory states. Annals of Pure and Applied Logic, 2009, 161, 305-323.	0.3	11
44	Verification of qualitative $\langle \text{mml:math altimg="si1.gif" display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www..$	0.5	14
45	Model Checking Freeze LTL over One-Counter Automata. , 2008, , 490-504.		16
46	On the Almighty Wand. Lecture Notes in Computer Science, 2008, , 323-338.	1.0	12
47	The Effects of Bounding Syntactic Resources on Presburger LTL. , 2007, , .		5
48	REASONING ABOUT TRANSFINITE SEQUENCES. International Journal of Foundations of Computer Science, 2007, 18, 87-112.	0.8	8
49	On the freeze quantifier in Constraint LTL: Decidability and complexity. Information and Computation, 2007, 205, 2-24.	0.5	292
50	An automata-theoretic approach to constraint LTL. Information and Computation, 2007, 205, 380-415.	0.5	65
51	A Decidable Temporal Logic of Repeating Values. Lecture Notes in Computer Science, 2007, , 180-194.	1.0	11
52	Reasoning About Sequences of Memory States. Lecture Notes in Computer Science, 2007, , 100-114.	1.0	6
53	The Complexity of Temporal Logic with Until and Since over Ordinals. , 2007, , 531-545.		2
54	Linear-time temporal logics with Presburger constraints: an overview $\hat{\sim}$ Journal of Applied Non-Classical Logics, 2006, 16, 311-347.	0.4	12

#	ARTICLE	IF	CITATIONS
55	LTL over integer periodicity constraints. Theoretical Computer Science, 2006, 360, 96-123.	0.5	15
56	Presburger Modal Logic Is PSPACE-Complete. Lecture Notes in Computer Science, 2006, , 541-556.	1.0	10
57	Deciding Regular Grammar Logics with Converse Through First-Order Logic. Journal of Logic, Language and Information, 2005, 14, 289-329.	0.4	35
58	A Reduction from DLP to PDL. Journal of Logic and Computation, 2005, 15, 767-785.	0.5	10
59	Reasoning About Transfinite Sequences. Lecture Notes in Computer Science, 2005, , 248-262.	1.0	3
60	Verification of Qualitative \hat{a} , Constraints. Lecture Notes in Computer Science, 2005, , 518-532.	1.0	4
61	LTL over Integer Periodicity Constraints. Lecture Notes in Computer Science, 2004, , 121-135.	1.0	8
62	A polynomial space construction of tree-like models for logics with local chains of modal connectives. Theoretical Computer Science, 2003, 300, 235-258.	0.5	3
63	Modal Logics with Weak Forms of Recursion: PSPACE Specimens. , 2002, , 113-138.		2
64	The Complexity of Propositional Linear Temporal Logics in Simple Cases. Information and Computation, 2002, 174, 84-103.	0.5	80
65	An Automata-Theoretic Approach to Constraint LTL. Lecture Notes in Computer Science, 2002, , 121-132.	1.0	8
66	The Complexity of Regularity in Grammar Logics and Related Modal Logics. Journal of Logic and Computation, 2001, 11, 933-960.	0.5	28
67	Coping with Semilattices of Relations in Logics with Relative Accessibility Relations. Studies in Fuzziness and Soft Computing, 2001, , 163-181.	0.6	0
68	On Modal Logics Characterized by Models with Relative Accessibility Relations: Part I. Studia Logica, 2000, 65, 323-353.	0.4	5
69	On Modal Logics Characterized by Models with Relative Accessibility Relations: Part II. Studia Logica, 2000, 66, 349-384.	0.4	2
70	Display Calculi for Logics with Relative Accessibility Relations. Journal of Logic, Language and Information, 2000, 9, 213-236.	0.4	8
71	The Nondeterministic Information Logic NIL is PSPACE-complete. Fundamenta Informaticae, 2000, 42, 211-234.	0.3	7
72	A Logic with Relative Knowledge Operators. Journal of Logic, Language and Information, 1999, 8, 167-185.	0.4	12

#	ARTICLE	IF	CITATIONS
73	Title is missing!. Studia Logica, 1999, 62, 177-200.	0.4	3
74	Cut-Free Display Calculi for Nominal Tense Logics. Lecture Notes in Computer Science, 1999, , 155-170.	1.0	12
75	Sequent Calculi for Nominal Tense Logics: A Step Towards Mechanization?. Lecture Notes in Computer Science, 1999, , 140-155.	1.0	10
76	A class of decidable information logics. Theoretical Computer Science, 1998, 195, 33-60.	0.5	10
77	Relative Similarity Logics are Decidable: Reduction to FO2 with Equality. Lecture Notes in Computer Science, 1998, , 279-293.	1.0	6
78	A Completeness Proof for a Logic with an Alternative Necessity Operator. Studia Logica, 1997, 58, 99-112.	0.4	11
79	Logical analysis of demonic nondeterministic programs. Theoretical Computer Science, 1996, 166, 173-202.	0.5	12
80	A simple tableau system for the logic of elsewhere. Lecture Notes in Computer Science, 1996, , 177-192.	1.0	7
81	A class of information logics with a decidable validity problem. Lecture Notes in Computer Science, 1996, , 291-302.	1.0	4
82	3-SAT = SAT for a class of normal modal logics. Information Processing Letters, 1995, 54, 281-287.	0.4	2
83	Uniform and non uniform strategies for tableaux calculi for modal logics. Journal of Applied Non-Classical Logics, 1995, 5, 77-96.	0.4	10
84	Using connection method in modal logics: Some advantages. Lecture Notes in Computer Science, 1995, , 63-78.	1.0	1
85	Efficient strategies for Automated reasoning in modal logics. , 1994, , 182-197.		1
86	Petri Net Reachability Graphs: Decidability Status of First Order Properties. Logical Methods in Computer Science, 0, Volume 8, Issue 4, .	0.4	5
87	On Selective Unboundedness of VASS. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 39, 1-15.	0.8	9