

# Alfons Laarman

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

480  
citations

759233

12  
h-index

752698

20  
g-index

27  
all docs

27  
docs citations

27  
times ranked

223  
citing authors

#	ARTICLE	IF	CITATIONS
1	LTSmin: High-Performance Language-Independent Model Checking. Lecture Notes in Computer Science, 2015, , 692-707.	1.3	97
2	Improved Multi-Core Nested Depth-First Search. Lecture Notes in Computer Science, 2012, , 269-283.	1.3	39
3	A Parallel Compact Hash Table. Lecture Notes in Computer Science, 2012, , 191-204.	1.3	30
4	Parallel Recursive State Compression for Free. Lecture Notes in Computer Science, 2011, , 38-56.	1.3	29
5	Multi-core Nested Depth-First Search. Lecture Notes in Computer Science, 2011, , 321-335.	1.3	27
6	Multi-core Emptiness Checking of Timed Büchi Automata Using Inclusion Abstraction. Lecture Notes in Computer Science, 2013, , 968-983.	1.3	23
7	Parallel Model Checking Algorithms for Linear-Time Temporal Logic. , 2018, , 457-507.		20
8	Multi-Core BDD Operations for Symbolic Reachability. Electronic Notes in Theoretical Computer Science, 2013, 296, 127-143.	0.9	19
9	Multi-core on-the-fly SCC decomposition. , 2016, , .		17
10	Ontological Metamodeling with Explicit Instantiation. Lecture Notes in Computer Science, 2010, , 174-183.	1.3	15
11	SpinS: Extending LTSmin with Promela through SpinJa. Electronic Notes in Theoretical Computer Science, 2013, 296, 95-105.	0.9	14
12	Guard-based partial-order reduction. International Journal on Software Tools for Technology Transfer, 2016, 18, 427-448.	1.9	14
13	Variations on Multi-Core Nested Depth-First Search. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 72, 13-28.	0.8	13
14	Guard-Based Partial-Order Reduction. Lecture Notes in Computer Science, 2013, , 227-245.	1.3	12
15	Multi-core Reachability for Timed Automata. Lecture Notes in Computer Science, 2012, , 91-106.	1.3	12
16	Multi-core on-the-fly SCC decomposition. ACM SIGPLAN Notices, 2016, 51, 1-12.	0.2	9
17	Partial-Order Reduction for Multi-core LTL Model Checking. Lecture Notes in Computer Science, 2014, , 267-283.	1.3	8
18	Improved on-the-Fly Livelock Detection. Lecture Notes in Computer Science, 2013, , 32-47.	1.3	8

#	ARTICLE	IF	CITATIONS
19	Dynamic Reductions for Model Checking Concurrent Software. Lecture Notes in Computer Science, 2017, , 246-265.	1.3	6
20	Stubborn Transaction Reduction. Lecture Notes in Computer Science, 2018, , 280-298.	1.3	6
21	Optimal compression of combinatorial state spaces. Innovations in Systems and Software Engineering, 2019, 15, 235-251.	2.1	4
22	Symbolic Model Checking with Sentential Decision Diagrams. Lecture Notes in Computer Science, 2020, , 124-142.	1.3	2
23	Optimal Storage of Combinatorial State Spaces. Lecture Notes in Computer Science, 2018, , 261-279.	1.3	1
24	A Parallel Relation-Based Algorithm for Symbolic Bisimulation Minimization. Lecture Notes in Computer Science, 2019, , 535-554.	1.3	1