Lars Ãke Fredlund

List of Publications by Year
in descending order

43 papers	321 citations	1478505 6 h-index	1199594 12 g-index
47 all docs	47 docs citations	47 times ranked	175 citing authors

#	Article	IF	Citations
1	Makina: a new QuickCheck state machine library. , 2021, , .		2
2	A Methodology for Addressing the Second-Level Digital Divide. Lecture Notes in Computer Science, 2020, , 331-337.	1.3	1
3	Gaining trust by tracing security protocols. , 2019, , .		1
4	Synthesis of verifiable concurrent Java components from formal models. Software and Systems Modeling, 2019, 18, 71-105.	2.7	2
5	Pitfalls of Jason Concurrency. Lecture Notes in Computer Science, 2019, , 19-33.	1.3	3
6	Runtime Verification in Erlang by Using Contracts. Lecture Notes in Computer Science, 2019, , 56-73.	1.3	2
7	Automatic Grading of Programming Exercises using Property-Based Testing. , 2016, , .		13
8	A testing-based approach to ensure the safety of shared resource concurrent systems. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2016, 230, 457-472.	0.7	3
9	Functional Testing of Java Programs. Lecture Notes in Computer Science, 2016, , 40-59.	1.3	2
10	Applying Property-Based Testing in Teaching Safety-Critical System Programming. , 2015, , .		2
11	Teaching Software Safety to Master Students. , 2015, , .		0
12	Adding distribution and fault tolerance to Jason. Science of Computer Programming, 2015, 98, 205-232.	1.9	2
13	A Testing-Based Approach to Ensure the Safety of Shared Resource Concurrent Systems. Lecture Notes in Computer Science, 2015, , 116-130.	1.3	3
14	Property-Based Testing of JSON Based Web Services. , 2014, , .		12
15	Teaching Students Property-Based Testing. , 2014, , .		0
16	Jsongen. , 2014, , .		5
17	eJason: An Implementation of Jason in Erlang. Lecture Notes in Computer Science, 2013, , 1-16.	1.3	11
18	Erlang as an implementation platform for BDI languages. , 2012, , .		2

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19	Adding distribution and fault tolerance to jason. , 2012, , .		3
20	Static Partial Order Reduction for Probabilistic Concurrent Systems. , 2012, , .		5
21	Verification of Timed Erlang Programs Using McErlang. Lecture Notes in Computer Science, 2012, , 251-267.	1.3	6
22	A Case Study on Verifying a Supervisor Component Using McErlang. Electronic Notes in Theoretical Computer Science, 2011, 271, 23-40.	0.9	5
23	A unified semantics for future Erlang. , 2010, , .		22
24	Property-Based Testing - The ProTest Project. Lecture Notes in Computer Science, 2010, , 250-271.	1.3	13
25	Implementing a multiagent negotiation protocol in Erlang. , 2010, , .		0
26	Recent improvements to the McErlang model checker. , 2009, , .		3
27	A Coding Rule Conformance Checker Integrated into GCC. Electronic Notes in Theoretical Computer Science, 2009, 248, 149-159.	0.9	4
28	Verifying Robocup Teams. Lecture Notes in Computer Science, 2009, , 34-48.	1.3	6
29	Debugging and Verification of Multi-Agent Systems. Lecture Notes in Computer Science, 2009, , 263-270.	1.3	0
30	McErlang. , 2007, , .		42
31	Programming distributed erlang applications. , 2007, , .		7
32	A more accurate semantics for distributed erlang. , 2007, , .		15
33	McErlang. ACM SIGPLAN Notices, 2007, 42, 125-136.	0.2	25
34	Model Checking a Videoâ€“onâ€“Demand Server Using McErlang. Lecture Notes in Computer Science, 2007, , 539-546.	1.3	3
35	Guaranteeing Correctness Properties of a Java Card Applet. Electronic Notes in Theoretical Computer Science, 2005, 113, 217-233.	0.9	3
36	Verifying fault-tolerant Erlang programs. , 2005, , .		7

#	Article	IF	Citations
37	A verification tool for ERLANG. International Journal on Software Tools for Technology Transfer, 2003, 4, 405-420.	1.9	22
38	Formal Methods Research at SICS and KTH. Electronic Notes in Theoretical Computer Science, 2003, 80, 267-272.	0.9	0
39	Trace analysis of Erlang programs. , 2002, , .		11
40	A Framework for Formal Reasoning about Open Distributed Systems. Lecture Notes in Computer Science, 1999, , 87-100.	1.3	2
41	On the verification of open distributed systems. , 1998, , .		5
42	Formal verification of a leader election protocol in process algebra. Theoretical Computer Science, 1997, 177, 459-486.	0.9	19
43	An implementation of a translational semantics for an imperative language. , 1990, , 246-262.		1