Wolfram Schulte

List of Publications by Citations

26 papers	1,557 citations	16 h-index	26 g-index
26 ext. papers	1,696 ext. citations	1 avg, IF	4.2 L-index

#	Paper	IF	Citations
26	The Spec# Programming System: An Overview. *Lecture Notes in Computer Science*, **2005**, 49-69	0.9	407
25	VCC: A Practical System for Verifying Concurrent C. *Lecture Notes in Computer Science*, **2009**, 23-42	0.9	285
24	Verification of Object-Oriented Programs with Invariants.. *Journal of Object Technology*, **2004**, 3, 27	1.4	168
23	Specification and verification. *Communications of the ACM*, **2011**, 54, 81-91	2.5	133
22	Fitness-guided path exploration in dynamic symbolic execution **2009**,		109
21	Automating Software Testing Using Program Analysis. *IEEE Software*, **2008**, 25, 30-37	1.5	70
20	Generating finite state machines from abstract state machines. *Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM*, **2002**,	0.4	61
19	Runtime verification of .NET contracts. *Journal of Systems and Software*, **2003**, 65, 199-208	3.3	38
18	A Precise Yet Efficient Memory Model For C. *Electronic Notes in Theoretical Computer Science*, **2009**, 254, 85-103	0.7	35
17	Local Verification of Global Invariants in Concurrent Programs. *Lecture Notes in Computer Science*, **2010**, 480-494	0.9	34
16	Optimal strategies for testing nondeterministic systems **2004**,		28
15	A Statically Verifiable Programming Model for Concurrent Object-Oriented Programs. *Lecture Notes in Computer Science*, **2006**, 420-439	0.9	22
14	Towards a Tool Environment for Model-Based Testing with AsmL. *Lecture Notes in Computer Science*, **2004**, 252-266	0.9	20
13	A programming model for concurrent object-oriented programs. *ACM Transactions on Programming Languages and Systems*, **2008**, 31, 1-48	1.6	19
12	An Automatic Verifier for Java-Like Programs Based on Dynamic Frames. *Lecture Notes in Computer Science*, **2008**, 261-275	0.9	17
11	Formalizing and Verifying a Modern Build Language. *Lecture Notes in Computer Science*, **2014**, 643-657	0.9	16
10	Using History Invariants to Verify Observers. *Lecture Notes in Computer Science*, **2007**, 80-94	0.9	15

List of Publications

9	Separation Logic Verification of C Programs with an SMT Solver. *Electronic Notes in Theoretical Computer Science*, **2009**, 254, 5-23	0.7	14
8	HOL-Boogie—An Interactive Prover-Backend for the Verifying C Compiler. *Journal of Automated Reasoning*, **2010**, 44, 111-144	1	14
7	Optimal strategies for testing nondeterministic systems. *Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM*, **2004**, 29, 55-64	0.4	13
6	Allowing State Changes in Specifications. *Lecture Notes in Computer Science*, **2006**, 321-336	0.9	8
5	Automated migration of build scripts using dynamic analysis and search-based refactoring. *ACM SIGPLAN Notices*, **2014**, 49, 599-616	0.2	7
4	Automatic verification of Java programs with dynamic frames. *Formal Aspects of Computing*, **2010**, 22, 423-457	1.2	7
3	A Simple Sequential Reasoning Approach for Sound Modular Verification of Mainstream Multithreaded Programs. *Electronic Notes in Theoretical Computer Science*, **2007**, 174, 23-47	0.7	7
2	Massive parallelization of divide-and-conquer algorithms over powerlists. *Science of Computer Programming*, **1996**, 26, 59-78	1.1	7
1	Reusing Model Transformations While Preserving Properties. *Lecture Notes in Computer Science*, **2010**, 44-58	0.9	3