Manuel Fahndrich

List of Publications by Year
in descending order

23 papers	1,193 citations	1040056 9 h-index	1199594 12 g-index
23 all docs	23 docs citations	23 times ranked	493 citing authors

#	Article	IF	Citations
1	Specification and verification. Communications of the ACM, 2011, 54, 81-91.	4.5	169
2	Language support for fast and reliable message-based communication in singularity OS. , 2006, , .		160
3	Declaring and checking non-null types in an object-oriented language. , 2003, , .		95
4	Scalable context-sensitive flow analysis using instantiation constraints. , 2000, , .		91
5	Type-base flow analysis. , 2001, , .		80
6	Embedded contract languages. , 2010, , .		79
7	TouchDevelop. , 2011, , .		78
8	Automatic Inference of Necessary Preconditions. Lecture Notes in Computer Science, 2013, , 128-148.	1.3	62
9	Pentagons. , 2008, , .		60
10	Deconstructing process isolation. , 2006, , .		44
11	Establishing object invariants with delayed types. , 2007, , .		43
12	Polymorphic versus Monomorphic Flow-Insensitive Points-To Analysis for C. Lecture Notes in Computer Science, 2000, , 175-198.	1.3	35
13	Reflective program generation with patterns. , 2006, , .		33
14	User-aware privacy control via extended static-information-flow analysis. , 2012, , .		29
15	Partial online cycle elimination in inclusion constraint graphs. ACM SIGPLAN Notices, 1998, 33, 85-96.	0.2	29
16	Estimating the Impact of Scalable Pointer Analysis on Optimization. Lecture Notes in Computer Science, 2001, , 260-278.	1.3	25
17	Sealing OS processes to improve dependability and safety. Operating Systems Review (ACM), 2007, 41, 341-354.	1.9	18
18	Type-base flow analysis. ACM SIGPLAN Notices, 2001, 36, 54-66.	0.2	17

#	Article	IF	Citations
19	Verification modulo versions. ACM SIGPLAN Notices, 2014, 49, 294-304.	0.2	17
20	Inference of Necessary Field Conditions with Abstract Interpretation. Lecture Notes in Computer Science, 2012, , 173-189.	1.3	9
21	Safer unsafe code for .NET. ACM SIGPLAN Notices, 2008, 43, 329-346.	0.2	8
22	User-aware privacy control via extended static-information-flow analysis. Automated Software Engineering, 2015, 22, 333-366.	2.9	7
23	Type-based flow analysis and context-free language reachability. Mathematical Structures in Computer Science, 2008, 18, 823-894.	0.6	5