Frank Tip

List of Publications by Year
in descending order

33 papers	1,311 citations	623734 14 h-index	610901 24 g-index
33 all docs	33 docs citations	33 times ranked	530 citing authors

#	Article	IF	Citations
1	A framework for automated testing of javascript web applications. , 2011, , .		139
2	Finding Bugs in Web Applications Using Dynamic Test Generation and Explicit-State Model Checking. IEEE Transactions on Software Engineering, 2010, 36, 474-494.	5.6	106
3	Reengineering class hierarchies using concept analysis. , 1998, , .		97
4	Finding bugs in dynamic web applications. , 2008, , .		96
5	Correlation Tracking for Points-To Analysis of JavaScript. Lecture Notes in Computer Science, 2012, , 435-458.	1.3	91
6	Dynamic detection of atomic-set-serializability violations. , 2008, , .		84
7	Understanding class hierarchies using concept analysis. ACM Transactions on Programming Languages and Systems, 2000, 22, 540-582.	2.1	79
8	Refactoring for generalization using type constraints. , 2003, , .		64
9	Practical extraction techniques for Java. ACM Transactions on Programming Languages and Systems, 2002, 24, 625-666.	2.1	56
10	Automated repair of HTML generation errors in PHP applications using string constraint solving. , 2012, , .		52
11	Refactoring using type constraints. ACM Transactions on Programming Languages and Systems, 2011, 33, 1-47.	2.1	51
12	Efficiently Refactoring Java Applications to Use Generic Libraries. Lecture Notes in Computer Science, 2005, , 71-96.	1.3	46
13	Slicing class hierarchies in C++. , 1996, , .		37
14	Tool-supported refactoring for JavaScript. , 2011, , .		37
15	A study of dead data members in C++ applications. , 1998, , .		24
16	Correct Refactoring of Concurrent Java Code. Lecture Notes in Computer Science, 2010, , 225-249.	1.3	23
17	Static analysis of event-driven Node.js JavaScript applications. ACM SIGPLAN Notices, 2015, 50, 505-519.	0.2	23
18	A Comprehensive Approach to Naming and Accessibility in Refactoring Java Programs. IEEE Transactions on Software Engineering, 2012, 38, 1233-1257.	5.6	22

#	Article	IF	Citations
19	Reengineering class hierarchies using concept analysis. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 1998, 23, 99-110.	0.7	19
20	Fault Localization for Dynamic Web Applications. IEEE Transactions on Software Engineering, 2012, 38, 314-335.	5.6	19
21	Class hierarchy specialization. Acta Informatica, 2000, 36, 927-982.	0.5	18
22	Refactoring for generalization using type constraints. ACM SIGPLAN Notices, 2003, 38, 13-26.	0.2	17
23	Customization of Java Library Classes Using Type Constraints and Profile Information. Lecture Notes in Computer Science, 2004, , 584-608.	1.3	14
24	Slicing class hierarchies in C++. ACM SIGPLAN Notices, 1996, 31, 179-197.	0.2	13
25	Refactoring Using Type Constraints. Lecture Notes in Computer Science, 2007, , 1-17.	1.3	13
26	Extracting library-based Java applications. Communications of the ACM, 2003, 46, 35-40.	4.5	12
27	Refactoring support for class library migration. ACM SIGPLAN Notices, 2005, 40, 265-279.	0.2	12
28	Dynamic determinacy analysis. ACM SIGPLAN Notices, 2013, 48, 165-174.	0.2	12
29	Class hierarchy specialization. ACM SIGPLAN Notices, 1997, 32, 271-285.	0.2	10
30	Practical experience with an application extractor for Java. ACM SIGPLAN Notices, 1999, 34, 292-305.	0.2	10
31	A study of dead data members in C++ applications. ACM SIGPLAN Notices, 1998, 33, 324-332.	0.2	7
32	Extracting library-based object-oriented applications. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2000, 25, 98-107.	0.7	4
33	An operational semantics and type safety prooffor multiple inheritance in C++. ACM SIGPLAN Notices, 2006, 41, 345-362.	0.2	4