Sungdeok Cha

List of Publications by Year in descending order

15 papers	269 citations	1040056 9 h-index	1199594 12 g-index
15 all docs	15 docs citations	15 times ranked	151 citing authors

#	Article	IF	Citations
1	A data flow-based structural testing technique for FBD programs. Information and Software Technology, 2009, 51, 1131-1139.	4.4	38
2	Software safety analysis of function block diagrams using fault trees. Reliability Engineering and System Safety, 2005, 88, 215-228.	8.9	37
3	A formal software requirements specification method for digital nuclear plant protection systems. Journal of Systems and Software, 2005, 74, 73-83.	4.5	35
4	Formal Modeling and Verification of Safety-Critical Software. IEEE Software, 2009, 26, 42-49.	1.8	35
5	A Verification Framework for FBD Based Software in Nuclear Power Plants. , 2008, , .		25
6	Automated test case generation for FBD programs implementing reactor protection system software. Software Testing Verification and Reliability, 2014, 24, 608-628.	2.0	21
7	An efficient approach to identify multiple and independent Move Method refactoring candidates. Information and Software Technology, 2015, 59, 53-66.	4.4	17
8	Automatic and lightweight grammar generation for fuzz testing. Computers and Security, 2013, 36, 1-11.	6.0	14
9	Automated Test Coverage Measurement for Reactor Protection System Software Implemented in Function Block Diagram. Lecture Notes in Computer Science, 2010, , 223-236.	1.3	10
10	Customization of Scrum Methodology for Outsourced E-Commerce Projects. , 2010, , .		9
11	A safety-focused verification using software fault trees. Future Generation Computer Systems, 2012, 28, 1272-1282.	7.5	9
12	CAPTCHA-based image annotation. Information Processing Letters, 2017, 128, 27-31.	0.6	6
13	VIS Analyzer: A Visual Assistant for VIS Verification and Analysis. , 2010, , .		5
14	A Paradigm Shift for the CAPTCHA Race: Adding Uncertainty to the Process. IEEE Software, 2016, 33, 80-85.	1.8	4
15	Two-Phase Assessment Approach to Improve the Efficiency of Refactoring Identification. IEEE Transactions on Software Engineering, 2018, 44, 1001-1023.	5.6	4