Gallardo, MarÃa-del-Mar

List of Publications by Year
in descending order

24 papers	**185** citations	1163117 **8** h-index	1125743 **13** g-index
24 all docs	**24** docs citations	**24** times ranked	**101** citing authors

#	Article	IF	Citations
1	Î±SPIN: A tool for abstract model checking. International Journal on Software Tools for Technology Transfer, 2004, 5, 165-184.	1.9	24
2	Model Checking Dynamic Memory Allocation in Operating Systems. Journal of Automated Reasoning, 2009, 42, 229-264.	1.4	22
3	Verification support for ARINCâ€653â€based avionics software. Software Testing Verification and Reliability, 2011, 21, 267-298.	2.0	16
4	A generalized semantics of PROMELA for abstract model checking. Formal Aspects of Computing, 2004, 16, 166.	1.8	15
5	Performance Analysis of SpotifyÂ® for Android with Model-Based Testing. Mobile Information Systems, 2017, 2017, 1-14.	0.6	11
6	A Tool for Abstraction in Model Checking. Electronic Notes in Theoretical Computer Science, 2002, 66, 17-32.	0.9	9
7	PiXL: Applying xml standards to support the integration of analysis tools for protocols. Science of Computer Programming, 2007, 65, 57-69.	1.9	9
8	On-the-Fly Data Flow Analysis Based on Verification Technology. Electronic Notes in Theoretical Computer Science, 2007, 190, 33-48.	0.9	9
9	Checking the reliability of socket based communication software. International Journal on Software Tools for Technology Transfer, 2009, 11, 359-374.	1.9	9
10	Using SPIN for automated debugging of infinite executions of Java programs. Journal of Systems and Software, 2014, 90, 61-75.	4.5	9
11	A practical use of model checking for synthesis: generating a dam controller for flood management. Software - Practice and Experience, 2011, 41, 1329-1347.	3.6	8
12	Model checking active networks with SPIN. Computer Communications, 2005, 28, 609-622.	5.1	7
13	A model-extraction approach to verifying concurrent C programs with CADP. Science of Computer Programming, 2012, 77, 375-392.	1.9	7
14	An extension of the ns simulator for active network research. Computer Communications, 2002, 25, 189-197.	5.1	6
15	Extending model checkers for hybrid system verification: the case study of <scp>SPIN</scp>. Software Testing Verification and Reliability, 2014, 24, 438-471.	2.0	5
16	A characterisation of verification tools for software defined networks. Journal of Reliable Intelligent Environments, 2017, 3, 189-207.	5.2	4
17	Comparing Under and Over-Approximations of LTL Properties for Model Checking. Electronic Notes in Theoretical Computer Science, 2002, 76, 131-144.	0.9	3
18	A constraint-based language for modelling intelligent environments. Journal of Reliable Intelligent Environments, 2017, 3, 55-79.	5.2	3

#	Article	IF	Citations
19	Developing a Decision Support Tool for Dam Management with SPIN. Lecture Notes in Computer Science, 2009, , 210-212.	1.3	3
20	Integration of Reliability and Performance Analyses for Active Network Services. Electronic Notes in Theoretical Computer Science, 2005, 133, 217-236.	0.9	2
21	Integrating river basin DSSs with model checking. International Journal on Software Tools for Technology Transfer, 2018, 20, 499-514.	1.9	2
22	Teaching Formal Methods: From Software in the Small to Software in the Large. Lecture Notes in Computer Science, 2019, , 97-110.	1.3	1
23	How Formal Methods Can Contribute to 5G Networks. Lecture Notes in Computer Science, 2019, , 548-571.	1.3	1
24	A program analysis framework for tccp based on abstract interpretation. Formal Aspects of Computing, 2017, 29, 531-557.	1.8	0