

# Gallardo, MarÃ-a-del-Mar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8847538/publications.pdf>

Version: 2024-02-01

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	Teaching Formal Methods: From Software in the Small to Software in the Large. Lecture Notes in Computer Science, 2019, , 97-110.	1.3	1
2	How Formal Methods Can Contribute to 5G Networks. Lecture Notes in Computer Science, 2019, , 548-571.	1.3	1
3	Integrating river basin DSSs with model checking. International Journal on Software Tools for Technology Transfer, 2018, 20, 499-514.	1.9	2
4	A program analysis framework for tccp based on abstract interpretation. Formal Aspects of Computing, 2017, 29, 531-557.	1.8	0
5	A characterisation of verification tools for software defined networks. Journal of Reliable Intelligent Environments, 2017, 3, 189-207.	5.2	4
6	A constraint-based language for modelling intelligent environments. Journal of Reliable Intelligent Environments, 2017, 3, 55-79.	5.2	3
7	Performance Analysis of Spotify® for Android with Model-Based Testing. Mobile Information Systems, 2017, 2017, 1-14.	0.6	11
8	Extending model checkers for hybrid system verification: the case study of <sc>SPIN</sc>. Software Testing Verification and Reliability, 2014, 24, 438-471.	2.0	5
9	Using SPIN for automated debugging of infinite executions of Java programs. Journal of Systems and Software, 2014, 90, 61-75.	4.5	9
10	A model-extraction approach to verifying concurrent C programs with CADP. Science of Computer Programming, 2012, 77, 375-392.	1.9	7
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	Verification support for ARINC653-based avionics software. Software Testing Verification and Reliability, 2011, 21, 267-298.	2.0	16
13	Checking the reliability of socket based communication software. International Journal on Software Tools for Technology Transfer, 2009, 11, 359-374.	1.9	9
14	Model Checking Dynamic Memory Allocation in Operating Systems. Journal of Automated Reasoning, 2009, 42, 229-264.	1.4	22
15	Developing a Decision Support Tool for Dam Management with SPIN. Lecture Notes in Computer Science, 2009, , 210-212.	1.3	3
16	PiXL: Applying xml standards to support the integration of analysis tools for protocols. Science of Computer Programming, 2007, 65, 57-69.	1.9	9
17	On-the-Fly Data Flow Analysis Based on Verification Technology. Electronic Notes in Theoretical Computer Science, 2007, 190, 33-48.	0.9	9
18	Model checking active networks with SPIN. Computer Communications, 2005, 28, 609-622.	5.1	7

#	ARTICLE	IF	CITATIONS
19	Integration of Reliability and Performance Analyses for Active Network Services. <i>Electronic Notes in Theoretical Computer Science</i> , 2005, 133, 217-236.	0.9	2
20	±SPIN: A tool for abstract model checking. <i>International Journal on Software Tools for Technology Transfer</i> , 2004, 5, 165-184.	1.9	24
21	A generalized semantics of PROMELA for abstract model checking. <i>Formal Aspects of Computing</i> , 2004, 16, 166.	1.8	15
22	A Tool for Abstraction in Model Checking. <i>Electronic Notes in Theoretical Computer Science</i> , 2002, 66, 17-32.	0.9	9
23	An extension of the ns simulator for active network research. <i>Computer Communications</i> , 2002, 25, 189-197.	5.1	6
24	Comparing Under and Over-Approximations of LTL Properties for Model Checking. <i>Electronic Notes in Theoretical Computer Science</i> , 2002, 76, 131-144.	0.9	3