

Goiuria Sagardui

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55 papers	313 citations	12 h-index	14 g-index
63 ext. papers	438 ext. citations	1.5 avg, IF	3.64 L-index

#	Paper	IF	Citations
55	Variability Driven Quality Evaluation in Software Product Lines 2008 ,		23
54	Automatic generation of test system instances for configurable cyber-physical systems. <i>Software Quality Journal</i> , 2017 , 25, 1041-1083	1.2	22
53	Test Case Prioritization of Configurable Cyber-Physical Systems with Weight-Based Search Algorithms 2016 ,		18
52	Search-based test case selection of cyber-physical system product lines for simulation-based validation 2016 ,		17
51	Search-Based test case prioritization for simulation-Based testing of cyber-Physical system product lines. <i>Journal of Systems and Software</i> , 2019 , 149, 1-34	3.3	17
50	Context-Aware Staged Configuration of Process Variants@Runtime. <i>Lecture Notes in Computer Science</i> , 2014 , 241-255	0.9	16
49	Spectrum-based fault localization in software product lines. <i>Information and Software Technology</i> , 2018 , 100, 18-31	3.4	15
48	Employing Multi-Objective Search to Enhance Reactive Test Case Generation and Prioritization for Testing Industrial Cyber-Physical Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 1055-1066	11.9	14
47	Search-based test case generation for Cyber-Physical Systems 2017 ,		14
46	Product-Line Architecture: New Issues for Evaluation. <i>Lecture Notes in Computer Science</i> , 2005 , 174-185	0.9	13
45	Performance-based selection of software and hardware features under parameter uncertainty 2014 ,		12
44	Evaluation of Quality Attribute Variability in Software Product Families 2008 ,		12
43	Quality aware software product line engineering. <i>Journal of the Brazilian Computer Society</i> , 2008 , 14, 57-69	1.9	11
42	Pareto efficient multi-objective black-box test case selection for simulation-based testing. <i>Information and Software Technology</i> , 2019 , 114, 137-154	3.4	10
41	Test control algorithms for the validation of cyber-physical systems product lines 2015 ,		8
40	Product Line Engineering of Monitoring Functionality in Industrial Cyber-Physical Systems 2017 ,		7
39	Multi-objective black-box test case selection for cost-effectively testing simulation models 2018 ,		7

38	Process Flexibility in Service Orchestration: A Systematic Literature Review. <i>International Journal of Cooperative Information Systems</i> , 2014 , 23, 1430001	0.6	6
37	MARTE Mechanisms to Model Variability When Analyzing Embedded Software Product Lines. <i>Lecture Notes in Computer Science</i> , 2010 , 466-470	0.9	6
36	Search-based product line fault detection allocating test cases iteratively 2017 ,		5
35	Industrial Cyber-Physical System Evolution Detection and Alert Generation. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 1586	2.6	4
34	. <i>IEEE Software</i> , 2015 , 32, 52-60	1.5	4
33	Variability Management in Embedded Product Line Analysis 2010 ,		4
32	Model based analysis process for embedded software product lines 2011 ,		4
31	Quantifying Maintainability in Feature Oriented Product Lines. <i>Software Maintenance and Reengineering (CSMR), Proceedings of the European Conference on</i> , 2008 ,		4
30	Process Variability through Automated Late Selection of Fragments. <i>Lecture Notes in Computer Science</i> , 2013 , 371-385	0.9	4
29	Towards a Taxonomy for Eliciting Design-Operation Continuum Requirements of Cyber-Physical Systems 2020 ,		3
28	Multiplex: A co-simulation architecture for elevators validation 2017 ,		3
27	Towards the automatic generation and management of plant models for the validation of highly configurable cyber-physical systems 2014 ,		3
26	Test case selection using structural coverage in software product lines for time-budget constrained scenarios 2019 ,		3
25	Seeding strategies for multi-objective test case selection 2020 ,		3
24	Quality Assessment in Software Product Lines. <i>Lecture Notes in Computer Science</i> , 2008 , 178-181	0.9	3
23	A Configurable Validation Environment for Refactored Embedded Software: An Application to the Vertical Transport Domain 2017 ,		2
22	Embedded software product lines: domain and application engineering model-based analysis processes. <i>Journal of Software: Evolution and Process</i> , 2014 , 26, 419-433	1	2
21	TRILATERAL: A Model-Based Approach for Industrial CPS [Monitoring and Control. <i>Communications in Computer and Information Science</i> , 2020 , 376-398	0.3	2

20	A Tool for the Automatic Generation of Test Cases and Oracles for Simulation Models Based on Functional Requirements 2020 ,		2
19	White-box and black-box test quality metrics for configurable simulation models 2019 ,		1
18	Runtime observable and adaptable UML state machines 2019 ,		1
17	Employing multi-objective search to enhance reactive test generation and prioritization for testing industrial cyber-physical systems 2018 ,		1
16	A CAN Restbus HiL Elevator Simulator Based on Code Reuse and Device Para-Virtualization 2017 ,		1
15	Enabling co-simulation of smart energy control systems for buildings and districts 2017 ,		1
14	Runtime Translation of Model-Level Queries to Persistence-Level. <i>Communications in Computer and Information Science</i> , 2015 , 97-111	0.3	1
13	QoS-aware Metamorphic Testing: An Elevation Case Study 2020 ,		1
12	Towards a DevOps Approach in Cyber Physical Production Systems Using Digital Twins. <i>Lecture Notes in Computer Science</i> , 2020 , 205-216	0.9	1
11	Increasing Dependability in Safety Critical CPSs Using Reflective Statecharts. <i>Lecture Notes in Computer Science</i> , 2017 , 114-126	0.9	1
10	Model-Based Personalized Visualization System for Monitoring Evolving Industrial Cyber-Physical System 2018 ,		1
9	Dynamic test prioritization of product lines: An application on configurable simulation models. <i>Software Quality Journal</i> , 2021 , 29, 943	1.2	0
8	Composition Management Interfaces for a Predictable Assembly. <i>Lecture Notes in Computer Science</i> , 2007 , 81-96	0.9	0
7	GSN Support of Mixed-Criticality Systems Certification. <i>Lecture Notes in Computer Science</i> , 2017 , 157-172.	0.9	
6	Delta Rhapsody. <i>In cose International Symposium</i> , 2016 , 26, 25-41	0.4	
5	DIGITAL SAFETY MANAGER: IOT SERVICE TO ASSURE THE SAFE BEHAVIOUR OF MACHINES AND CONTROLS IN THE DIGITAL INDUSTRY. <i>Dyna (Spain)</i> , 2022 , 97, 18-22	0.4	
4	CRESCO Framework and Checker: Automatic generation of Reflective UML State Machine C++ Code and Checker		
3	VIRTUAL COMMISSIONING IN MACHINE TOOL MANUFACTURING: A SURVEY FROM INDUSTRY. <i>Dyna (Spain)</i> , 2021 , 96, 612-619	0.4	

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| 2 | Model Transformation by Example Driven ATL Transformation Rules Development Using Model Differences. <i>Communications in Computer and Information Science</i> , 2015 , 113-130 | 0.3 |
| 1 | Two-Step Transformation of Model Traversal EOL Queries for Large CDO Repositories. <i>Lecture Notes in Computer Science</i> , 2016 , 141-157 | 0.9 |