Goiuria Sagardui

List of Publications by Year in Descending Order

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	DIGITAL SAFETY MANAGER: IOT SERVICE TO ASSURE THE SAFE BEHAVIOUR OF MACHINES AND CONTROLS IN THE DIGITAL INDUSTRY. *Dyna (Spain)*, **2022**, 97, 18-22	0.4	
54	Dynamic test prioritization of product lines: An application on configurable simulation models. *Software Quality Journal*, **2021**, 29, 943	1.2	0
53	VIRTUAL COMMISSIONING IN MACHINE TOOL MANUFACTURING: A SURVEY FROM INDUSTRY. *Dyna (Spain)*, **2021**, 96, 612-619	0.4	
52	Towards a Taxonomy for Eliciting Design-Operation Continuum Requirements of Cyber-Physical Systems **2020**,		3
51	QoS-aware Metamorphic Testing: An Elevation Case Study **2020**,		1
50	Seeding strategies for multi-objective test case selection **2020**,		3
49	TRILATERAL: A Model-Based Approach for Industrial CPS Monitoring and Control. *Communications in Computer and Information Science*, **2020**, 376-398	0.3	2
48	Towards a DevOps Approach in Cyber Physical Production Systems Using Digital Twins. *Lecture Notes in Computer Science*, **2020**, 205-216	0.9	1
47	A Tool for the Automatic Generation of Test Cases and Oracles for Simulation Models Based on Functional Requirements **2020**,		2
46	White-box and black-box test quality metrics for configurable simulation models **2019**,		1
45	Runtime observable and adaptable UML state machines **2019**,		1
44	Industrial Cyber-Physical System Evolution Detection and Alert Generation. *Applied Sciences (Switzerland)*, **2019**, 9, 1586	2.6	4
43	Pareto efficient multi-objective black-box test case selection for simulation-based testing. *Information and Software Technology*, **2019**, 114, 137-154	3.4	10
42	Test case selection using structural coverage in software product lines for time-budget constrained scenarios **2019**,		3
41	Search-Based test case prioritization for simulation-Based testing of cyber-Physical system product lines. *Journal of Systems and Software*, **2019**, 149, 1-34	3.3	17
40	Employing Multi-Objective Search to Enhance Reactive Test Case Generation and Prioritization for Testing Industrial Cyber-Physical Systems. *IEEE Transactions on Industrial Informatics*, **2018**, 14, 1055-1066	11.9	14
39	Spectrum-based fault localization in software product lines. *Information and Software Technology*, **2018**, 100, 18-31	3.4	15

38	Multi-objective black-box test case selection for cost-effectively testing simulation models **2018**,		7
37	Employing multi-objective search to enhance reactive test generation and prioritization for testing industrial cyber-physical systems **2018**,		1
36	Model-Based Personalized Visualization System for Monitoring Evolving Industrial Cyber-Physical System **2018**,		1
35	Product Line Engineering of Monitoring Functionality in Industrial Cyber-Physical Systems **2017**,		7
34	GSN Support of Mixed-Criticality Systems Certification. *Lecture Notes in Computer Science*, **2017**, 157-172	0.9	
33	A CAN Restbus HiL Elevator Simulator Based on Code Reuse and Device Para-Virtualization **2017**,		1
32	Search-based test case generation for Cyber-Physical Systems **2017**,		14
31	Multiplex: A co-simulation architecture for elevators validation **2017**,		3
30	Automatic generation of test system instances for configurable cyber-physical systems. *Software Quality Journal*, **2017**, 25, 1041-1083	1.2	22
29	Search-based product line fault detection allocating test cases iteratively **2017**,		5
28	A Configurable Validation Environment for Refactored Embedded Software: An Application to the Vertical Transport Domain **2017**,		2
27	Enabling co-simulation of smart energy control systems for buildings and districts **2017**,		1
26	Increasing Dependability in Safety Critical CPSs Using Reflective Statecharts. *Lecture Notes in Computer Science*, **2017**, 114-126	0.9	1
25	Delta Rhapsody. *Incose International Symposium*, **2016**, 26, 25-41	0.4	
24	Search-based test case selection of cyber-physical system product lines for simulation-based validation **2016**,		17
23	Two-Step Transformation of Model Traversal EOL Queries for Large CDO Repositories. *Lecture Notes in Computer Science*, **2016**, 141-157	0.9	
22	Test Case Prioritization of Configurable Cyber-Physical Systems with Weight-Based Search Algorithms **2016**,		18
21	. *IEEE Software*, **2015**, 32, 52-60	1.5	4

20	Test control algorithms for the validation of cyber-physical systems product lines **2015**,		8
19	Runtime Translation of Model-Level Queries to Persistence-Level. *Communications in Computer and Information Science*, **2015**, 97-111	0.3	1
18	Model Transformation by Example Driven ATL Transformation Rules Development Using Model Differences. *Communications in Computer and Information Science*, **2015**, 113-130	0.3	
17	Process Flexibility in Service Orchestration: A Systematic Literature Review. *International Journal of Cooperative Information Systems*, **2014**, 23, 1430001	0.6	6
16	Towards the automatic generation and management of plant models for the validation of highly configurable cyber-physical systems **2014**,		3
15	Performance-based selection of software and hardware features under parameter uncertainty **2014**,		12
14	Context-Aware Staged Configuration of Process Variants@Runtime. *Lecture Notes in Computer Science*, **2014**, 241-255	0.9	16
13	Embedded software product lines: domain and application engineering model-based analysis processes. *Journal of Software: Evolution and Process*, **2014**, 26, 419-433	1	2
12	Process Variability through Automated Late Selection of Fragments. *Lecture Notes in Computer Science*, **2013**, 371-385	0.9	4
11	Model based analysis process for embedded software product lines **2011**,		4
10	Variability Management in Embedded Product Line Analysis **2010**,		4
9	MARTE Mechanisms to Model Variability When Analyzing Embedded Software Product Lines. *Lecture Notes in Computer Science*, **2010**, 466-470	0.9	6
8	Variability Driven Quality Evaluation in Software Product Lines **2008**,		23
7	Quantifying Maintainability in Feature Oriented Product Lines. *Software Maintenance and Reengineering (CSMR), Proceedings of the European Conference on*, **2008**,		4
6	Evaluation of Quality Attribute Variability in Software Product Families **2008**,		12
5	Quality aware software product line engineering. *Journal of the Brazilian Computer Society*, **2008**, 14, 57-69	1.9	11
4	Quality Assessment in Software Product Lines. *Lecture Notes in Computer Science*, **2008**, 178-181	0.9	3
3	Composition Management Interfaces for a Predictable Assembly. *Lecture Notes in Computer Science* , **2007**, 81-96	0.9	0

2	Product-Line Architecture: New Issues for Evaluation. *Lecture Notes in Computer Science*, **2005**, 174-185	0.9	13
1	CRESCO Framework and Checker: Automatic generation of Reflective UML State Machines C++ Code and Checker		