Raul Mazo

List of Publications by Year
in descending order

48 papers	409 citations	1478505 6 h-index	1058476 14 g-index
49 all docs	49 docs citations	49 times ranked	277 citing authors

#	Article	IF	Citations
1	"Snapshot" of the State of Software Reuse in Colombia. Revista Científica Del Centro De Investigaciones Y Desarrollo Científico De La Universidad Distrital Francisco José De Caldas, 2022, 44, 242-256.	0.2	0
2	Guidelines for the Specification of IoT Requirements. Advances in Web Technologies and Engineering Book Series, 2021, , 144-172.	0.4	0
3	Factores de éxito y barreras de adopción en la reutilización de software: Una revisión de la literatura. Investigación E Innovación En Ingenierías, 2021, 9, 93-107.	0.0	1
4	A Domain-specific Modeling Framework for Attack Surface Modeling. , 2020, , .		2
5	A multi-company empirical evaluation of a framework that evaluates the convenience of adopting product line engineering. , 2020, , .		0
6	Contract-based design patterns. , 2020, , .		2
7	Analyzing the convenience of adopting a product line engineering approach. , 2019, , .		3
8	The high-level variability language. , 2019, , .		5
9	Collaborative configuration approaches in software product lines engineering: A systematic mapping study. Journal of Systems and Software, 2019, 158, 110422.	4.5	7
10	Evaluation of the state-constraint transition modelling language. , 2019, , .		1
11	Extending FragOP Domain Reusable Components to Support Product Customization in the Context of Software Product Lines. Lecture Notes in Computer Science, 2019, , 17-33.	1.3	0
12	FM-CF: A framework for classifying feature model building approaches. Journal of Systems and Software, 2019, 154, 1-21.	4.5	3
13	Product Line Configuration Meets Process Mining. Procedia Computer Science, 2019, 164, 199-210.	2.0	1
14	A Constraint-based Approach to Deal with Self-Adaptation: The Case of Smart Irrigation Systems. International Journal of Advanced Computer Science and Applications, 2019, 10, .	0.7	0
15	A Self-certifiable Architecture for Critical Systems Powered by Probabilistic Logic Artificial Intelligence. Lecture Notes in Computer Science, 2019, , 391-397.	1.3	0
16	Using the AMAN-DA method to generate security requirements: a case study in the maritime domain. Requirements Engineering, 2018, 23, 557-580.	3.1	7
17	How Useful and Understandable is the APPLIES Framework? a Preliminary Evaluation With Software Practitioners. , 2018, , .		2
18	Fragment-oriented programming: a framework to design and implement software product line domain components. DYNA (Colombia), 2018, 85, 74-83.	0.4	1

#	Article	IF	Citations
19	APPLIES: A framework for evaluAting organization's motivation and preparation for adopting product lines. , 2018, , .		7
20	10 Challenges for the specification of self-adaptive software. , 2018, , .		5
21	SimulES-W: A Collaborative Game to Improve Software Engineering Teaching. Computacion Y Sistemas, 2018, 22, .	0.3	6
22	Evaluating Company's Readiness for Adopting Product Line Engineering: a Second Evaluation Round. Complex Systems Informatics and Modeling Quarterly, 2018, , 69-94.	0.9	2
23	Building feature models: A framework for comparing and classifying proposals. , 2016, , .		0
24	Security Alignment Analysis of Software Product Lines. , 2016, , .		1
25	Requirements Analysis for Context-oriented Systems. Procedia Computer Science, 2016, 83, 253-261.	2.0	6
26	Run-time planning of case-based business processes. , 2016, , .		0
27	Framework for Engineering Complex Security Requirements Patterns. , 2016, , .		1
28	Reusable knowledge in security requirements engineering: a systematic mapping study. Requirements Engineering, 2016, 21, 251-283.	3.1	41
29	Three strategies to specify multi-instantiation in product lines. , 2015, , .		0
30	VariaMos. , 2015, , .		20
31	A Security Ontology for Security Requirements Elicitation. Lecture Notes in Computer Science, 2015, , 157-177.	1.3	36
32	REFAS. , 2015, , .		4
33	Towards a requirements specification multi-view framework for self-adaptive systems. , 2014, , .		7
34	Feature Relations Graphs: A Visualisation Paradigm for Feature Constraints in Software Product Lines. , 2014, , .		23
35	Capturing Variability in Model Based Systems Engineering. , 2014, , 125-139.		6
36	Recommendation Heuristics for Improving Product Line Configuration Processes. , 2014, , 511-537.		16

#	Article	IF	Citations
37	Bridging the gap between product lines and systems engineering. , 2013, , .		20
38	Using Constraint Programming to Manage Configurations in Self-Adaptive Systems. Computer, 2012, 45, 56-63.	1.1	35
39	Constraints. International Journal of Information System Modeling and Design, 2012, 3, 33-68.	1.1	39
40	Constraints: The core of product line engineering. , 2011, , .		22
41	Conformance Checking with Constraint Logic Programming: The Case of Feature Models. , 2011, , .		15
42	Abstract Constraints: A General Framework for Solver–Independent Reasoning on Product–Line Models. Insight, 2011, 14, 22-24.	0.3	3
43	Using constraint programming to verify DOPLER variability models. , 2011, , .		15
44	TRANSFORMING ATTRIBUTE AND CLONE-ENABLED FEATURE MODELS INTO CONSTRAINT PROGRAMS OVER FINITE DOMAINS. , 2011, , .		19
45	Using Integer Constraint Solving in Reuse Based Requirements Engineering. , 2010, , .		15
46	Exploiting the Versatility of Constraint Programming over Finite Domains to Integrate Product Line Models. , 2009, , .		6
47	Looking for Product Line Feature Models Defects: Towards a Systematic Classification of Verification Criteria. , 2009, , .		2
48	Towards a Requirements Specification Multi-View Framework for Self-Adaptive Systems. CLEI Electronic Journal, 0, , .	0.3	2