# Raul Mazo

## List of Publications by Year
in descending order

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

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 1 | Reusable knowledge in security requirements engineering: a systematic mapping study. Requirements Engineering, 2016, 21, 251-283. | 3.1 | 41 |
| 2 | Constraints. International Journal of Information System Modeling and Design, 2012, 3, 33-68. | 1.1 | 39 |
| 3 | A Security Ontology for Security Requirements Elicitation. Lecture Notes in Computer Science, 2015, , 157-177. | 1.3 | 36 |
| 4 | Using Constraint Programming to Manage Configurations in Self-Adaptive Systems. Computer, 2012, 45, 56-63. | 1.1 | 35 |
| 5 | Feature Relations Graphs: A Visualisation Paradigm for Feature Constraints in Software Product Lines. , 2014, , . | | 23 |
| 6 | Constraints: The core of product line engineering. , 2011, , . | | 22 |
| 7 | Bridging the gap between product lines and systems engineering. , 2013, , . | | 20 |
| 8 | VariaMos. , 2015, , . | | 20 |
| 9 | TRANSFORMING ATTRIBUTE AND CLONE-ENABLED FEATURE MODELS INTO CONSTRAINT PROGRAMS OVER FINITE DOMAINS. , 2011, , . | | 19 |
| 10 | Recommendation Heuristics for Improving Product Line Configuration Processes. , 2014, , 511-537. | | 16 |
| 11 | Using Integer Constraint Solving in Reuse Based Requirements Engineering. , 2010, , . | | 15 |
| 12 | Conformance Checking with Constraint Logic Programming: The Case of Feature Models. , 2011, , . | | 15 |
| 13 | Using constraint programming to verify DOPLER variability models. , 2011, , . | | 15 |
| 14 | Towards a requirements specification multi-view framework for self-adaptive systems. , 2014, , . | | 7 |
| 15 | 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 |
| 16 | APPLIES: A framework for evaluAting organization's motivation and preparation for adopting product lines. , 2018, , . | | 7 |
| 17 | Collaborative configuration approaches in software product lines engineering: A systematic mapping study. Journal of Systems and Software, 2019, 158, 110422. | 4.5 | 7 |
| 18 | Exploiting the Versatility of Constraint Programming over Finite Domains to Integrate Product Line Models. , 2009, , . | | 6 |

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|---|---------|----|-----------|
| 19 | Requirements Analysis for Context-oriented Systems. Procedia Computer Science, 2016, 83, 253-261. | 2.0 | 6 |
| 20 | Capturing Variability in Model Based Systems Engineering. , 2014, , 125-139. | | 6 |
| 21 | SimulES-W: A Collaborative Game to Improve Software Engineering Teaching. Computacion Y Sistemas, 2018, 22, . | 0.3 | 6 |
| 22 | 10 Challenges for the specification of self-adaptive software. , 2018, , . | | 5 |
| 23 | The high-level variability language. , 2019, , . | | 5 |
| 24 | REFAS. , 2015, , . | | 4 |
| 25 | Abstract Constraints: A General Framework for Solverâ€‑Independent Reasoning on Productâ€‑Line Models. Insight, 2011, 14, 22-24. | 0.3 | 3 |
| 26 | Analyzing the convenience of adopting a product line engineering approach. , 2019, , . | | 3 |
| 27 | FM-CF: A framework for classifying feature model building approaches. Journal of Systems and Software, 2019, 154, 1-21. | 4.5 | 3 |
| 28 | Looking for Product Line Feature Models Defects: Towards a Systematic Classification of Verification Criteria. , 2009, , . | | 2 |
| 29 | How Useful and Understandable is the APPLIES Framework? a Preliminary Evaluation With Software Practitioners. , 2018, , . | | 2 |
| 30 | Towards a Requirements Specification Multi-View Framework for Self-Adaptive Systems. CLEI Electronic Journal, 0, , . | 0.3 | 2 |
| 31 | Evaluating Companyâ€™s Readiness for Adopting Product Line Engineering: a Second Evaluation Round. Complex Systems Informatics and Modeling Quarterly, 2018, , 69-94. | 0.9 | 2 |
| 32 | A Domain-specific Modeling Framework for Attack Surface Modeling. , 2020, , . | | 2 |
| 33 | Contract-based design patterns. , 2020, , . | | 2 |
| 34 | Security Alignment Analysis of Software Product Lines. , 2016, , . | | 1 |
| 35 | Framework for Engineering Complex Security Requirements Patterns. , 2016, , . | | 1 |
| 36 | Fragment-oriented programming: a framework to design and implement software product line domain components. DYNA (Colombia), 2018, 85, 74-83. | 0.4 | 1 |

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|---|---------|-----|-----------|
| 37 | Evaluation of the state-constraint transition modelling language. , 2019, , . | | 1 |
| 38 | Product Line Configuration Meets Process Mining. Procedia Computer Science, 2019, 164, 199-210. | 2.0 | 1 |
| 39 | Factores de Ã©xito y barreras de adopciÃ³n en la reutilizaciÃ³n de software: Una revisiÃ³n de la literatura. InvestigaciÃ³n E InnovaciÃ³n En IngenierÃas, 2021, 9, 93-107. | 0.0 | 1 |
| 40 | Three strategies to specify multi-instantiation in product lines. , 2015, , . | | 0 |
| 41 | Building feature models: A framework for comparing and classifying proposals. , 2016, , . | | 0 |
| 42 | Run-time planning of case-based business processes. , 2016, , . | | 0 |
| 43 | 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 |
| 44 | Guidelines for the Specification of IoT Requirements. Advances in Web Technologies and Engineering Book Series, 2021, , 144-172. | 0.4 | 0 |
| 45 | 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 |
| 46 | A Self-certifiable Architecture for Critical Systems Powered by Probabilistic Logic Artificial Intelligence. Lecture Notes in Computer Science, 2019, , 391-397. | 1.3 | 0 |
| 47 | A multi-company empirical evaluation of a framework that evaluates the convenience of adopting product line engineering. , 2020, , . | | 0 |
| 48 | â€œSnapshotâ€•of the State of Software Reuse in Colombia. Revista CientÃfica Del Centro De Investigaciones Y Desarrollo CientÃfico De La Universidad Distrital Francisco JosÃ© De Caldas, 2022, 44, 242-256. | 0.2 | 0 |