# Luis Fernandez-Sanz

List of Publications by Year
in descending order

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|---|---|---|---|
| 66 papers | 1,802 citations | 687220 13 h-index | 289141 40 g-index |
| 68 all docs | 68 docs citations | 68 times ranked | 1661 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Gamifying learning experiences: Practical implications and outcomes. Computers and Education, 2013, 63, 380-392. | 5.1 | 1,160 |
| 2 | A Suite of Object Oriented Cognitive Complexity Metrics. IEEE Access, 2018, 6, 8782-8796. | 2.6 | 44 |
| 3 | Active learning through problem based learning methodology in engineering education. , 2009, , . | | 38 |
| 4 | Optimizing Green Computing Awareness for Environmental Sustainability and Economic Security as a Stochastic Optimization Problem. Sustainability, 2017, 9, 1857. | 1.6 | 34 |
| 5 | Agriculture 4.0: An Implementation Framework for Food Security Attainment in Nigeriaâ€™s Post-Covid-19 Era. IEEE Access, 2021, 9, 83592-83627. | 2.6 | 33 |
| 6 | The Emerging Threat of Ai-driven Cyber Attacks: A Review. Applied Artificial Intelligence, 2022, 36, . | 2.0 | 33 |
| 7 | e-Skills Match: A framework for mapping and integrating the main skills, knowledge and competence standards and models for ICT occupations. Computer Standards and Interfaces, 2017, 51, 30-42. | 3.8 | 32 |
| 8 | Adopting automated whitelist approach for detecting phishing attacks. Computers and Security, 2021, 108, 102328. | 4.0 | 27 |
| 9 | Quantitative Quality Evaluation of Software Products by Considering Summary and Comments Entropy of a Reported Bug. Entropy, 2019, 21, 91. | 1.1 | 26 |
| 10 | Relationships among relational coordination dimensions: Impact on the quality of education online with a structural equations model. Technological Forecasting and Social Change, 2021, 166, 120608. | 6.2 | 25 |
| 11 | Analysis of cultural and gender influences on teamwork performance for software requirements analysis in multinational environments. IET Software, 2012, 6, 167. | 1.5 | 18 |
| 12 | Neural network and classification approach in identifying customer behavior in the banking sector: A case study of an international bank. Human Factors and Ergonomics in Manufacturing, 2012, 25, n/a-n/a. | 1.4 | 18 |
| 13 | EvaluaciÃ³n de la accesibilidad de pÃ¡ginas web de universidades espaÃ±olas y extranjeras incluidas en rankings universitarios internacionales. Revista Espanola De Documentacion Cientifica, 2013, 36, e004. | 0.1 | 18 |
| 14 | Influence of Human Factors in Software Quality and Productivity. Lecture Notes in Computer Science, 2011, , 257-269. | 1.0 | 15 |
| 15 | Personal Skills for Computing Professionals. Computer, 2009, 42, 110-111. | 1.2 | 14 |
| 16 | An expert system for the diagnosis of sexually transmitted diseases â€“ ESSTD. Journal of Intelligent and Fuzzy Systems, 2017, 33, 2007-2017. | 0.8 | 14 |
| 17 | FOSSES: Framework for openâ€source software evaluation and selection. Software - Practice and Experience, 2019, 49, 780-812. | 2.5 | 14 |
| 18 | Accessible platforms for eâ€learning: A case study. Computer Applications in Engineering Education, 2017, 25, 1018-1037. | 2.2 | 12 |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 19 | Multiobjective Testing Resource Allocation Under Uncertainty. IEEE Transactions on Evolutionary Computation, 2018, 22, 347-362. | 7.5 | 11 |
| 20 | Enhancing input value selection in parametric software cost estimation models through second level cost drivers. Software Quality Journal, 2006, 14, 339-357. | 1.4 | 10 |
| 21 | Empirical support for the generation of domain-oriented quality models. IET Software, 2010, 4, 1. | 1.5 | 10 |
| 22 | An Intelligent Framework for the Evaluation of Compliance with the Requirements of ISO 9001:2015. Sustainability, 2020, 12, 5471. | 1.6 | 10 |
| 23 | Proposal for a maintenance management system in industrial environments based on ISO 9001 and ISO 14001 standards. Computer Standards and Interfaces, 2021, 73, 103453. | 3.8 | 10 |
| 24 | Study of the Yahoo-Yahoo Hash-Tag Tweets Using Sentiment Analysis and Opinion Mining Algorithms. Information (Switzerland), 2022, 13, 152. | 1.7 | 10 |
| 25 | Featuring CIO. International Journal of Human Capital and Information Technology Professionals, 2013, 4, 22-33. | 0.5 | 9 |
| 26 | Managing the quality of e-learning resources in repositories. Computer Applications in Engineering Education, 2015, 23, 477-488. | 2.2 | 9 |
| 27 | A Learning Quality Metadata approach: Automatic quality assessment of virtual training from metadata. Computer Standards and Interfaces, 2016, 45, 45-61. | 3.8 | 9 |
| 28 | Checklists for compliance to DO-178C and DO-278A standards. Computer Standards and Interfaces, 2017, 52, 41-50. | 3.8 | 9 |
| 29 | Factors with Negative Influence on Software Testing Practice in Spain: A Survey. Communications in Computer and Information Science, 2009, , 1-12. | 0.4 | 9 |
| 30 | Genetic Algorithm and Tabu Search Memory with Course Sandwiching (GATS_CS) for University Examination Timetabling. Intelligent Automation and Soft Computing, 2020, 26, 385-396. | 1.6 | 9 |
| 31 | Experimental Simulation-Based Performance Evaluation of an SMS-Based Emergency Geolocation Notification System. Journal of Healthcare Engineering, 2017, 2017, 1-12. | 1.1 | 8 |
| 32 | Researching Human and Organizational Factors Impact for Decisions on Software Quality. , 2016, , . | | 8 |
| 33 | Cybersecurity Deep: Approaches, Attacks Dataset, and Comparative Study. Applied Artificial Intelligence, 2022, 36, . | 2.0 | 8 |
| 34 | Systematic Literature Review on Test Case Selection and Prioritization: A Tertiary Study. Applied Sciences (Switzerland), 2021, 11, 12121. | 1.3 | 8 |
| 35 | An empirical evaluation of software quality assurance practices and challenges in a developing country: a comparison of Nigeria and Turkey. SpringerPlus, 2016, 5, 1921. | 1.2 | 6 |
| 36 | Automated Recovery and Visualization of Test-to-Code Traceability (TCT) Links: An Evaluation. IEEE Access, 2021, 9, 40111-40123. | 2.6 | 6 |

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|---|---------|-----|-----------|
| 37 | Developing Domain-Ontologies to Improve Sofware Engineering Knowledge. , 2010, , . | | 5 |
| 38 | Quantitative Quality Model for Evaluating Open Source Web Applications: Case Study of Repository Software. , 2013, , . | | 5 |
| 39 | Software Requirements for Ubiquitous Ad Hoc Mobile Networks: An Example of a Bluetooth Application. , 2009, , . | | 4 |
| 40 | SOFTWARE QUALITY EVALUATION FOR SECURITY COTS PRODUCTS. International Journal of Software Engineering and Knowledge Engineering, 2010, 20, 27-48. | 0.6 | 4 |
| 41 | On self-adaptation in systems-of-systems. , 2013, , . | | 4 |
| 42 | Analysis of Mobile Commerce in the SMEs of the European Union. Tehnicki Vjesnik, 2020, 27, . | 0.3 | 4 |
| 43 | Analysis of the European ICT Competence Frameworks. Advances in Information Security, Privacy, and Ethics Book Series, 2018, , 225-245. | 0.4 | 4 |
| 44 | A simplified model for software inspection. Journal of Software: Evolution and Process, 2014, 26, 1297-1315. | 1.2 | 3 |
| 45 | Enhancing Misuse Cases With Risk Assessment for Safety Requirements. IEEE Access, 2020, 8, 12001-12014. | 2.6 | 3 |
| 46 | Measurement and prediction of the verification cost of the design in a formalized methodology. Information and Software Technology, 1999, 41, 421-434. | 3.0 | 2 |
| 47 | Software operation time evaluation based on MTM. Advances in Engineering Software, 2009, 40, 583-592. | 1.8 | 2 |
| 48 | An Analysis of Scripting Languages for Research in Applied Computing. , 2013, , . | | 2 |
| 49 | A Framework to Support the Process of Measurement of Customer's Satisfaction According to ISO 9001. IEEE Access, 2020, 8, 102554-102569. | 2.6 | 2 |
| 50 | A Brief Overview of Software Process Models. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2014, , 258-271. | 0.5 | 2 |
| 51 | A Framework for the Quality Evaluation of MDWE Methodologies and Information Technology Infrastructures. International Journal of Human Capital and Information Technology Professionals, 2011, 2, 11-22. | 0.5 | 2 |
| 52 | Evaluación de la legibilidad de webs de universidades. Profesional De La Informacion, 2012, 21, 468-474. | 2.7 | 2 |
| 53 | A Framework for Evaluating the Standards for the Production of Airborne and Ground Traffic Management Software. IEEE Access, 2020, 8, 149142-149161. | 2.6 | 1 |
| 54 | Applicability of Cyclomatic Complexity on WSDL. Communications in Computer and Information Science, 2015, , 247-254. | 0.4 | 1 |

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|---|---------|----|-----------|
| 55 | A Proposed Pragmatic Software Development Process Model. , 2018, , 448-462. | | 1 |
| 56 | Tool Support for Cascading Style Sheets' Complexity Metrics. Communications in Computer and Information Science, 2015, , 551-560. | 0.4 | 1 |
| 57 | Developing Data Literacy Competences at University: the experience of the DEDALUS project. , 2021, , . | | 1 |
| 58 | Work in progress - hypermedia tool for the development of specific and generic competences in the framework of engineering education. , 2009, , . | | 0 |
| 59 | On the effects of training and experience in test case design. , 2018, , . | | 0 |
| 60 | Teamwork and Project Experiences in Multicultural Environments for Computing Students. , 2013, , 176-188. | | 0 |
| 61 | Creating a Framework for Quality Decisions in Software Projects. Lecture Notes in Computer Science, 2014, , 434-448. | 1.0 | 0 |
| 62 | Requirements Specification as Basis for Mobile Software Quality Assurance. , 2014, , 719-732. | | 0 |
| 63 | A Proposed Pragmatic Software Development Process Model. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2015, , 186-200. | 0.5 | 0 |
| 64 | Skills for IT Project Management. Advances in IT Personnel and Project Management, 2020, , 85-105. | 0.3 | 0 |
| 65 | A Brief Overview of Software Process Models. , 0, , 1-14. | | 0 |
| 66 | A Proposed Pragmatic Software Development Process Model. , 0, , 607-622. | | 0 |