Luis Fernandez-Sanz

List of Publications by Year
in descending order

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	Cybersecurity Deep: Approaches, Attacks Dataset, and Comparative Study. Applied Artificial Intelligence, 2022, 36, .	2.0	8
2	The Emerging Threat of Ai-driven Cyber Attacks: A Review. Applied Artificial Intelligence, 2022, 36, .	2.0	33
3	Study of the Yahoo-Yahoo Hash-Tag Tweets Using Sentiment Analysis and Opinion Mining Algorithms. Information (Switzerland), 2022, 13, 152.	1.7	10
4	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
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	Automated Recovery and Visualization of Test-to-Code Traceability (TCT) Links: An Evaluation. IEEE Access, 2021, 9, 40111-40123.	2.6	6
7	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
8	Adopting automated whitelist approach for detecting phishing attacks. Computers and Security, 2021, 108, 102328.	4.0	27
9	Developing Data Literacy Competences at University: the experience of the DEDALUS project. , 2021, , .		1
10	Systematic Literature Review on Test Case Selection and Prioritization: A Tertiary Study. Applied Sciences (Switzerland), 2021, 11, 12121.	1.3	8
11	Enhancing Misuse Cases With Risk Assessment for Safety Requirements. IEEE Access, 2020, 8, 12001-12014.	2.6	3
12	A Framework to Support the Process of Measurement of Customerâ€™s Satisfaction According to ISO 9001. IEEE Access, 2020, 8, 102554-102569.	2.6	2
13	An Intelligent Framework for the Evaluation of Compliance with the Requirements of ISO 9001:2015. Sustainability, 2020, 12, 5471.	1.6	10
14	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
15	Analysis of Mobile Commerce in the SMEs of the European Union. Tehnicki Vjesnik, 2020, 27, .	0.3	4
16	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
17	Skills for IT Project Management. Advances in IT Personnel and Project Management, 2020, , 85-105.	0.3	0
18	Quantitative Quality Evaluation of Software Products by Considering Summary and Comments Entropy of a Reported Bug. Entropy, 2019, 21, 91.	1.1	26

#	Article	IF	Citations
19	FOSSES: Framework for open‑source software evaluation and selection. Software - Practice and Experience, 2019, 49, 780-812.	2.5	14
20	A Suite of Object Oriented Cognitive Complexity Metrics. IEEE Access, 2018, 6, 8782-8796.	2.6	44
21	Multiobjective Testing Resource Allocation Under Uncertainty. IEEE Transactions on Evolutionary Computation, 2018, 22, 347-362.	7.5	11
22	On the effects of training and experience in test case design. , 2018, , .		0
23	A Proposed Pragmatic Software Development Process Model. , 2018, , 448-462.		1
24	Analysis of the European ICT Competence Frameworks. Advances in Information Security, Privacy, and Ethics Book Series, 2018, , 225-245.	0.4	4
25	Checklists for compliance to DO-178C and DO-278A standards. Computer Standards and Interfaces, 2017, 52, 41-50.	3.8	9
26	Accessible platforms for e‑learning: A case study. Computer Applications in Engineering Education, 2017, 25, 1018-1037.	2.2	12
27	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
28	Optimizing Green Computing Awareness for Environmental Sustainability and Economic Security as a Stochastic Optimization Problem. Sustainability, 2017, 9, 1857.	1.6	34
29	Experimental Simulation-Based Performance Evaluation of an SMS-Based Emergency Geolocation Notification System. Journal of Healthcare Engineering, 2017, 2017, 1-12.	1.1	8
30	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
31	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
32	A Learning Quality Metadata approach: Automatic quality assessment of virtual training from metadata. Computer Standards and Interfaces, 2016, 45, 45-61.	3.8	9
33	Researching Human and Organizational Factors Impact for Decisions on Software Quality. , 2016, , .		8
34	Managing the quality of e-learning resources in repositories. Computer Applications in Engineering Education, 2015, 23, 477-488.	2.2	9
35	Applicability of Cyclomatic Complexity on WSDL. Communications in Computer and Information Science, 2015, , 247-254.	0.4	1
36	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

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37	Tool Support for Cascading Style Sheetsâ€™ Complexity Metrics. Communications in Computer and Information Science, 2015, , 551-560.	0.4	1
38	A simplified model for software inspection. Journal of Software: Evolution and Process, 2014, 26, 1297-1315.	1.2	3
39	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
40	Creating a Framework for Quality Decisions in Software Projects. Lecture Notes in Computer Science, 2014, , 434-448.	1.0	0
41	Requirements Specification as Basis for Mobile Software Quality Assurance. , 2014, , 719-732.		0
42	Gamifying learning experiences: Practical implications and outcomes. Computers and Education, 2013, 63, 380-392.	5.1	1,160
43	Quantitative Quality Model for Evaluating Open Source Web Applications: Case Study of Repository Software. , 2013, , .		5
44	On self-adaptation in systems-of-systems. , 2013, , .		4
45	An Analysis of Scripting Languages for Research in Applied Computing. , 2013, , .		2
46	Featuring CIO. International Journal of Human Capital and Information Technology Professionals, 2013, 4, 22-33.	0.5	9
47	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
48	Teamwork and Project Experiences in Multicultural Environments for Computing Students. , 2013, , 176-188.		0
49	Analysis of cultural and gender influences on teamwork performance for software requirements analysis in multinational environments. IET Software, 2012, 6, 167.	1.5	18
50	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
51	EvaluaciÃ³n de la legibilidad de webs de universidades. Profesional De La Informacion, 2012, 21, 468-474.	2.7	2
52	Influence of Human Factors in Software Quality and Productivity. Lecture Notes in Computer Science, 2011, , 257-269.	1.0	15
53	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
54	Empirical support for the generation of domain-oriented quality models. IET Software, 2010, 4, 1.	1.5	10

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55	Developing Domain-Ontologies to Improve Sofware Engineering Knowledge. , 2010, , .		5
56	SOFTWARE QUALITY EVALUATION FOR SECURITY COTS PRODUCTS. International Journal of Software Engineering and Knowledge Engineering, 2010, 20, 27-48.	0.6	4
57	Work in progress - hypermedia tool for the development of specific and generic competences in the framework of engineering education. , 2009, , .		0
58	Software Requirements for Ubiquitous Ad Hoc Mobile Networks: An Example of a Bluetooth Application. , 2009, , .		4
59	Personal Skills for Computing Professionals. Computer, 2009, 42, 110-111.	1.2	14
60	Software operation time evaluation based on MTM. Advances in Engineering Software, 2009, 40, 583-592.	1.8	2
61	Active learning through problem based learning methodology in engineering education. , 2009, , .		38
62	Factors with Negative Influence on Software Testing Practice in Spain: A Survey. Communications in Computer and Information Science, 2009, , 1-12.	0.4	9
63	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
64	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
65	A Brief Overview of Software Process Models. , 0, , 1-14.		0
66	A Proposed Pragmatic Software Development Process Model. , 0, , 607-622.		0