

Norha M Villegas

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

876
citations

1162367

8
h-index

996533

15
g-index

30
all docs

30
docs citations

30
times ranked

708
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward Autonomic, Software-Intensive Digital Twin Systems. IEEE Software, 2022, 39, 20-26.	2.1	3
2	Designing Run-time Evolution for Dependable and Resilient Cyber-Physical Systems Using Digital Twins. Journal of Integrated Design and Process Science, 2022, 25, 48-79.	0.2	1
3	Geo-Spatial Market Segmentation & Characterization Exploiting User Generated Text Through Transformers & Density-Based Clustering. IEEE Access, 2021, 9, 55698-55713.	2.6	7
4	Designing Run-time Evolution for Dependable and Resilient Cyber-Physical Systems Using Digital Twins. Journal of Integrated Design and Process Science, 2021, , 1-32.	0.2	2
5	Location Data Analytics in the Business Value Chain: A Systematic Literature Review. IEEE Access, 2020, 8, 204639-204659.	2.6	5
6	On the Engineering of IoT-Intensive Digital Twin Software Systems. , 2020, , .		13
7	Monitores dinámicos de software “ Despliegue de software “ Monitoreo de espectro. , 2020, , .		0
8	Characterizing context-aware recommender systems: A systematic literature review. Knowledge-Based Systems, 2018, 140, 173-200.	4.0	148
9	Exploiting Context Information to Improve the Precision of Recommendation Systems in Retailing. Communications in Computer and Information Science, 2017, , 72-86.	0.4	1
10	Undergraduate Software Engineering Programs. , 2017, , .		0
11	Software Engineering for Self-Adaptive Systems: Research Challenges in the Provision of Assurances. Lecture Notes in Computer Science, 2017, , 3-30.	1.0	49
12	What Can Control Theory Teach Us About Assurances in Self-Adaptive Software Systems?. Lecture Notes in Computer Science, 2017, , 90-134.	1.0	12
13	A Framework for Automated and Composable Testing of Component-Based Services. , 2014, , .		1
14	Self-adaptive applications: on the development of personalized web-tasking systems. , 2014, , .		9
15	Personalized Web-Tasking Applications: An Online Grocery Shopping Prototype. , 2014, , .		1
16	Using Models at Runtime to Address Assurance for Self-Adaptive Systems. Lecture Notes in Computer Science, 2014, , 101-136.	1.0	63
17	Software Engineering for Self-Adaptive Systems: A Second Research Roadmap. Lecture Notes in Computer Science, 2013, , 1-32.	1.0	317
18	Improving context-awareness in self-adaptation using the DYNAMICO reference model. , 2013, , .		24

#	ARTICLE	IF	CITATIONS
19	Towards Practical Runtime Verification and Validation of Self-Adaptive Software Systems. Lecture Notes in Computer Science, 2013, , 108-132.	1.0	49
20	Towards Personalized Web-Tasking: Task Simplification Challenges. , 2013, , .		3
21	DYNAMICO: A Reference Model for Governing Control Objectives and Context Relevance in Self-Adaptive Software Systems. Lecture Notes in Computer Science, 2013, , 265-293.	1.0	31
22	The SmarterContext Ontology and Its Application to the Smart Internet: A Smarter Commerce Case Study. Lecture Notes in Computer Science, 2013, , 151-184.	1.0	1
23	Optimizing run-time SOA governance through context-driven SLAs and dynamic monitoring. , 2011, , .		9
24	A framework for evaluating quality-driven self-adaptive software systems. , 2011, , .		82
25	Self-Healing Distributed Scheduling Platform. , 2011, , .		10
26	Dynamic context-aware applications. , 2010, , .		0
27	Managing Dynamic Context to Optimize Smart Interactions and Services. Lecture Notes in Computer Science, 2010, , 289-318.	1.0	34
28	Engaging Faculty in Continuous Improvement: The Context of an ABET Accreditation Process. , 0, , .		1
29	On the Effectiveness of Designing Didactical Situations Targeting R^n to Teach the Concept of Subspace in Linear Algebra. , 0, , .		0
30	Professor Critical Reflection and its Impact on Learning Environments: A Case Study Applied to a First-year Mathematics Course in Engineering. , 0, , .		0