Gabriel Tamura

List of Publications by Year
in descending order

28 papers	**831** citations	1162367 **8** h-index	940134 **16** g-index
29 all docs	**29** docs citations	**29** times ranked	**703** citing authors

#	ARTICLE	IF	CITATIONS
1	The Forging of Autonomic and Cooperating Digital Twins. IEEE Internet Computing, 2022, 26, 41-49.	3.2	5
2	Toward Autonomic, Software-Intensive Digital Twin Systems. IEEE Software, 2022, 39, 20-26.	2.1	3
3	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
4	On the Engineering of IoT-Intensive Digital Twin Software Systems. , 2020, , .		13
5	Monitores dinámicos de software â€" Despliegue de software â€" Monitoreo de espectro. , 2020, , .		0
6	DevOps Round-Trip Engineering: Traceability from Dev to Ops and Back Again. Lecture Notes in Computer Science, 2019, , 73-88.	1.0	5
7	DevOpsâ€™ Shift-Left in Practice: An Industrial Case of Application. Lecture Notes in Computer Science, 2019, , 205-220.	1.0	3
8	Continuous Data-driven Software Engineering - Towards a Research Agenda. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2019, 44, 60-64.	0.5	5
9	Characterizing context-aware recommender systems: A systematic literature review. Knowledge-Based Systems, 2018, 140, 173-200.	4.0	148
10	10 Challenges for the specification of self-adaptive software. , 2018, , .		5
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	Development and Instrumentation of a Framework for the Generation and Management of Self-Adaptive Enterprise Applications. Ingenieria Y Universidad, 2016, 20, 303.	0.5	6
14	A framework for the generation and management of self-adaptive enterprise applications. , 2015, , .		2
15	VariaMos. , 2015, , .		20
16	REFAS. , 2015, , .		4
17	A Framework for Automated and Composable Testing of Component-Based Services. , 2014, , .		1
18	Towards a requirements specification multi-view framework for self-adaptive systems. , 2014, , .		7

#	Article	IF	Citations
19	QoS contract preservation through dynamic reconfiguration: A formal semantics approach. Science of Computer Programming, 2014, 94, 307-332.	1.5	9
20	Software Engineering for Self-Adaptive Systems: A Second Research Roadmap. Lecture Notes in Computer Science, 2013, , 1-32.	1.0	317
21	Improving context-awareness in self-adaptation using the DYNAMICO reference model. , 2013, , .		24
22	Towards Practical Runtime Verification and Validation of Self-Adaptive Software Systems. Lecture Notes in Computer Science, 2013, , 108-132.	1.0	49
23	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
24	QoS Contract-Aware Reconfiguration of Component Architectures Using E-Graphs. Lecture Notes in Computer Science, 2012, , 34-52.	1.0	7
25	Optimizing run-time SOA governance through context-driven SLAs and dynamic monitoring. , 2011, , .		9
26	A framework for evaluating quality-driven self-adaptive software systems. , 2011, , .		82
27	Handset based automatic network re-selection system for GSM/GPRS and WiFi. , 2008, , .		2
28	Title is missing!. Constraints, 2001, 6, 21-52.	0.4	11