Aitor Urbieta

List of Publications by Year
in descending order

26 papers	353 citations	1307594 7 h-index	1281871 11 g-index
26 all docs	26 docs citations	26 times ranked	463 citing authors

#	Article	IF	Citations
1	Adaptive and context-aware service composition for IoT-based smart cities. Future Generation Computer Systems, 2017, 76, 262-274.	7.5	104
2	Towards a lightweight protocol for Industry 4.0: An implementation based benchmark. , 2017, , .		36
3	Analysis of CoAP Implementations for Industrial Internet of Things: A Survey. Procedia Computer Science, 2017, 109, 188-195.	2.0	33
4	Analysis of CoAP implementations for industrial Internet of Things: a survey. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 2505-2518.	4.9	26
5	A survey of dynamic service composition approaches for ambient systems. , 2008, , .		25
6	Integrating Electrical Substations Within the IoT Using IEC 61850, CoAP, and CBOR. IEEE Internet of Things Journal, 2019, 6, 7437-7449.	8.7	24
7	Interoperable Semantic and Syntactic Service Discovery for Ambient Computing Environments. International Journal of Ambient Computing and Intelligence, 2010, 2, 13-32.	1.1	14
8	TRILATERAL: Software Product Line based Multidomain IoT Artifact Generation for Industrial CPS. , 2019, , .		10
9	Analysis of Effects- and Preconditions-Based Service Representation in Ubiquitous Computing Environments. , 2008, , .		8
10	Hybrid service matchmaking in ambient assisted living environments based on context-aware service modeling. Cluster Computing, 2015, 18, 1171-1188.	5.0	8
11	Validation of a CoAP to IEC 61850 Mapping and Benchmarking vs HTTP-REST and WS-SOAP. , 2018, , .		8
12	Automatic generation of Web of Things servients using Thing Descriptions. Personal and Ubiquitous Computing, 2024, 28, 325-341.	2.8	8
13	A model-based approach for developing event-driven architectures with AsyncAPI. , 2020, , .		8
14	Process Flexibility in Service Orchestration: A Systematic Literature Review. International Journal of Cooperative Information Systems, 2014, 23, 1430001.	0.8	7
15	IEC 61850 meets CoAP. , 2017, , .		7
16	Enabling easy Web of Things compatible device generation using a Model-Driven Engineering approach. , 2019, , .		7
17	Revisiting the Feasibility of Public Key Cryptography in Light of IIoT Communications. Sensors, 2022, 22, 2561.	3.8	4
18	Enhanced publish/subscribe in CoAP. , 2018, , .		3

#	Article	IF	Citations
19	How to Survive Identity Management in the Industry 4.0 Era. IEEE Access, 2021, 9, 93137-93151.	4.2	3
20	TRILATERAL: A Model-Based Approach for Industrial CPS â€" Monitoring and Control. Communications in Computer and Information Science, 2020, , 376-398.	0.5	3
21	EVEY. , 2007, , .		2
22	Towards effects-based service description and integration in pervasive environments. , 2008, , .		2
23	Standard Multimedia Protocols for Localization in â€œSeamlessâ€•Applications. Advances in Soft Computing, 2009, , 191-200.	0.4	2
24	Interoperable Semantic and Syntactic Service Discovery for Ambient Computing Environments. , 0, , 213-232.		1
25	Discovering social services in pervasive environments with privacy. , 2007, , .		0
26	Bridging the Gap between Services and Context in Ubiquitous Computing Environments Using an Effect- and Condition-Based Model. Advances in Soft Computing, 0, , 149-158.	0.4	0