Tullio Salmon Cinotti

List of Publications by Year
in descending order

61	1,326	471371 17	552653 26
papers	citations	h-index	g-index

62	62	62	1296
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Smart Water Management Platform: IoT-Based Precision Irrigation for Agriculture. Sensors, 2019, 19, 276.	2.1	281
2	Semantic Interoperability Architecture for Pervasive Computing and Internet of Things. IEEE Access, 2014, 2, 856-873.	2.6	133
3	HABITAT: An IoT Solution for Independent Elderly. Sensors, 2019, 19, 1258.	2.1	74
4	A Semantic Publish-Subscribe Architecture for the Internet of Things. IEEE Internet of Things Journal, 2016, 3, 1274-1296.	5.5	63
5	SWAMP: an IoT-based Smart Water Management Platform for Precision Irrigation in Agriculture. , 2018, , .		47
6	The Need of Multidisciplinary Approaches and Engineering Tools for the Development and Implementation of the Smart City Paradigm. Proceedings of the IEEE, 2018, 106, 738-760.	16.4	42
7	The Design Principles and Practices of Interoperable Smart Spaces. , 0, , 18-47.		41
8	Architecting and Deploying IoT Smart Applications: A Performanceâ€“Oriented Approach. Sensors, 2020, 20, 84.	2.1	40
9	Dynamic Linked Data: A SPARQL Event Processing Architecture. Future Internet, 2018, 10, 36.	2.4	36
10	An Integrated Simulation Framework to Model Electric Vehicle Operations and Services. IEEE Transactions on Vehicular Technology, 2016, 65, 5900-5917.	3.9	35
11	Fall Detection and 3-D Indoor Localization by a Custom RFID Reader Embedded in a Smart e-Health Platform. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 5329-5339.	2.9	34
12	Advancing IoT-Based Smart Irrigation. IEEE Internet of Things Magazine, 2019, 2, 20-25.	2.0	34
13	Structural Health Monitoring and Prognostic of Industrial Plants and Civil Structures: A Sensor to Cloud Architecture. IEEE Instrumentation and Measurement Magazine, 2020, 23, 21-27.	1.2	30
14	An interoperable architecture for mobile smart services over the internet of energy. , 2013, , .		24
15	A Sensor Network with Embedded Data Processing and Data-to-Cloud Capabilities for Vibration-Based Real-Time SHM. Journal of Sensors, 2018, 2018, 1-12.	0.6	24
16	Smart-M3 and OSGi: The interoperability platform. , 2010, , .		22
17	An Integrated Framework to Achieve Interoperability in Person-Centric Health Management. International Journal of Telemedicine and Applications, 2011, 2011, 1-10.	1.1	22
18	Impact of Interdisciplinary Research on Planning, Running, and Managing Electromobility as a Smart Grid Extension. IEEE Access, 2015, 3, 2281-2305.	2.6	22

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19	A Route Planner Service with Recharging Reservation: Electric Itinerary with a Click. IEEE Intelligent Transportation Systems Magazine, 2016, 8, 75-84.	2.6	22
20	A Standardized SOA for Clinical Data Interchange in a Cardiac Telemonitoring Environment. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 1764-1774.	3.9	20
21	WoT Store: Enabling Things and Applications Discovery for the W3C Web of Things. , 2019, , .		19
22	Access Control at Triple Level: Specification and Enforcement of a Simple RDF Model to Support Concurrent Applications in Smart Environments. Lecture Notes in Computer Science, 2011, , 63-74.	1.0	19
23	BEE-DRONES: Energy-efficient Data Collection on Wake-Up Radio-based Wireless Sensor Networks. , 2019, , .		18
24	Enabling Interoperability in the Internet of Things. International Journal on Semantic Web and Information Systems, 2017, 13, 148-168.	2.2	17
25	A Smart Space application to dynamically relate medical and environmental information. , 2010, , .		16
26	A Mobile Application to Assist Electric Vehicles' Drivers with Charging Services. , 2014, , .		15
27	Complex reactive event processing for assisted living: The Habitat project case study. Expert Systems With Applications, 2019, 126, 200-217.	4.4	13
28	BEE-DRONES: Ultra low-power monitoring systems based on unmanned aerial vehicles and wake-up radio ground sensors. Computer Networks, 2020, 180, 107425.	3.2	13
29	Case Study: Context-Aware Supervision of a Smart Maintenance Process. , 2011, , .		12
30	Reconfigurable natural interaction in smart environments: approach and prototype implementation. Personal and Ubiquitous Computing, 2012, 16, 943-956.	1.9	12
31	MODRON: A Scalable and Interoperable Web of Things Platform for Structural Health Monitoring. , 2021, , .		11
32	Driving without anxiety: A route planner service with range prediction for the electric vehicles. , 2014, , .		10
33	A modular lightweight implementation of the Smart-M3 semantic information broker. , 2016, , .		10
34	Interactive 3D Exploration of RDF Graphs through Semantic Planes. Future Internet, 2018, 10, 81.	2.4	10
35	IoT-based Measurement for Smart Agriculture. , 2020, , .		9
36	A web of things approach for indoor position monitoring of elderly and impaired people. , 2017, , .		8

#	Article	IF	Citations
37	Dual-Mode Wake-Up Nodes for IoT Monitoring Applications: Measurements and Algorithms. , 2018, , .		8
38	A self-powered WSAN for energy efficient heat distribution. , 2016, , .		7
39	Soil Water Balance Model CRITERIA-ID in SWAMP Project: Proof of Concept. , 2018, , .		6
40	Mobile Visual Search using Smart-M3. , 2010, , .		5
41	Smart energy services integrated within the arrowhead communication framework. , 2016, , .		5
42	Discovering Web Things as Services within the Arrowhead Framework. , 2020, , .		5
43	Requirements on System Design to Increase Understanding and Visibility of Cultural Heritage. , 0, , 259-284.		4
44	UCD, Ergonomics and Inclusive Design: The HABITAT Project. Advances in Intelligent Systems and Computing, 2019, , 1191-1202.	0.5	3
45	Design and test of a smart-space interaction device combining RFID and electromagnetic interferometry. , 2011, , .		2
46	The Integration of e-health into the Clinical Workflow â€“ Electronic Health Record and Standardization Efforts. Lecture Notes in Computer Science, 2012, , 107-115.	1.0	2
47	Implementation and evaluation of the last will primitive in a semantic information broker for IoT applications. , 2017, , .		2
48	Anchorless Indoor Localization and Tracking in Real-Time at 2.45 GHz. , 2019, , .		2
49	Throughput Enhancement in UAV-aided Wireless Sensor Networks via Wake-Up Radio Technology and Priority-based MAC Scheme. , 2020, , .		2
50	9 Application system design: Complex systems management and automation. , 2017, , 281-316.		2
51	A Soil Moisture Calibration Service for IoT-based Smart Irrigation. , 2021, , .		2
52	The Modiac Multiprocessor - A 286-based Design Giovanni Neri And Tullio Salmon Cinotti University of Bologna. IEEE Micro, 1986, 6, 7-15.	1.8	1
53	An interoperable tool-chain for energy monitoring applications. , 2019, , .		1
54	Towards Context-Aware Telecom End User Services through SOA. Lecture Notes in Computer Science, 2009, , 317-325.	1.0	1

#	Article	IF	Citations
55	WhatIF Application. , 2015, , .		1
56	A Toolchain Architecture for Condition Monitoring Using the Eclipse Arrowhead Framework. , 2021, , .		1
57	From brown coal to a rural energy landscape â€" Orchestration of storage and electric mobility to foster decentralized energy management. , 2016, , .		0
58	Development of collaborative editing applications through semantic publish-subscribe platforms. , 2017, , .		0
59	From Heterogeneous Sensor Networks to Integrated Software Services: Design and Implementation of a Semantic Architecture for the Internet of Things at ARCES@UNIBO. , 2018, , .		0
60	Enabling Context Aware Tuning of Low Power Sensors for Smart Agriculture. , 2020, , .		0
61	The OSGI SIB. Advances in Web Technologies and Engineering Book Series, 2019, , 48-74.	0.4	0