

Tullio Salmon Cinotti

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,326
citations

471371

17
h-index

552653

26
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62
all docs

62
docs citations

62
times ranked

1296
citing authors

#	ARTICLE	IF	CITATIONS
1	MODRON: A Scalable and Interoperable Web of Things Platform for Structural Health Monitoring. , 2021, , .		11
2	A Soil Moisture Calibration Service for IoT-based Smart Irrigation. , 2021, , .		2
3	A Toolchain Architecture for Condition Monitoring Using the Eclipse Arrowhead Framework. , 2021, , .		1
4	Architecting and Deploying IoT Smart Applications: A Performance-â€œOriented Approach. Sensors, 2020, 20, 84.	2.1	40
5	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
6	Throughput Enhancement in UAV-aided Wireless Sensor Networks via Wake-Up Radio Technology and Priority-based MAC Scheme. , 2020, , .		2
7	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
8	Enabling Context Aware Tuning of Low Power Sensors for Smart Agriculture. , 2020, , .		0
9	IoT-based Measurement for Smart Agriculture. , 2020, , .		9
10	Discovering Web Things as Services within the Arrowhead Framework. , 2020, , .		5
11	BEE-DRONES: Energy-efficient Data Collection on Wake-Up Radio-based Wireless Sensor Networks. , 2019, , .		18
12	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
13	Anchorless Indoor Localization and Tracking in Real-Time at 2.45 GHz. , 2019, , .		2
14	WoT Store: Enabling Things and Applications Discovery for the W3C Web of Things. , 2019, , .		19
15	HABITAT: An IoT Solution for Independent Elderly. Sensors, 2019, 19, 1258.	2.1	74
16	Complex reactive event processing for assisted living: The Habitat project case study. Expert Systems With Applications, 2019, 126, 200-217.	4.4	13
17	Advancing IoT-Based Smart Irrigation. IEEE Internet of Things Magazine, 2019, 2, 20-25.	2.0	34
18	An interoperable tool-chain for energy monitoring applications. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
19	UCD, Ergonomics and Inclusive Design: The HABITAT Project. Advances in Intelligent Systems and Computing, 2019, , 1191-1202.	0.5	3
20	Smart Water Management Platform: IoT-Based Precision Irrigation for Agriculture. Sensors, 2019, 19, 276.	2.1	281
21	The OSGI SIB. Advances in Web Technologies and Engineering Book Series, 2019, , 48-74.	0.4	0
22	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
23	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
24	Soil Water Balance Model CRITERIA-ID in SWAMP Project: Proof of Concept. , 2018, , .		6
25	SWAMP: an IoT-based Smart Water Management Platform for Precision Irrigation in Agriculture. , 2018, , .		47
26	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
27	Interactive 3D Exploration of RDF Graphs through Semantic Planes. Future Internet, 2018, 10, 81.	2.4	10
28	Dynamic Linked Data: A SPARQL Event Processing Architecture. Future Internet, 2018, 10, 36.	2.4	36
29	Dual-Mode Wake-Up Nodes for IoT Monitoring Applications: Measurements and Algorithms. , 2018, , .		8
30	A web of things approach for indoor position monitoring of elderly and impaired people. , 2017, , .		8
31	Development of collaborative editing applications through semantic publish-subscribe platforms. , 2017, , .		0
32	Implementation and evaluation of the last will primitive in a semantic information broker for IoT applications. , 2017, , .		2
33	Enabling Interoperability in the Internet of Things. International Journal on Semantic Web and Information Systems, 2017, 13, 148-168.	2.2	17
34	9 Application system design: Complex systems management and automation. , 2017, , 281-316.		2
35	From brown coal to a rural energy landscape "Orchestration of storage and electric mobility to foster decentralized energy management. , 2016, , .		0
36	Smart energy services integrated within the arrowhead communication framework. , 2016, , .		5

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37	A modular lightweight implementation of the Smart-M3 semantic information broker. , 2016, , .		10
38	A Semantic Publish-Subscribe Architecture for the Internet of Things. IEEE Internet of Things Journal, 2016, 3, 1274-1296.	5.5	63
39	A Route Planner Service with Recharging Reservation: Electric Itinerary with a Click. IEEE Intelligent Transportation Systems Magazine, 2016, 8, 75-84.	2.6	22
40	A self-powered WSN for energy efficient heat distribution. , 2016, , .		7
41	An Integrated Simulation Framework to Model Electric Vehicle Operations and Services. IEEE Transactions on Vehicular Technology, 2016, 65, 5900-5917.	3.9	35
42	Impact of Interdisciplinary Research on Planning, Running, and Managing Electromobility as a Smart Grid Extension. IEEE Access, 2015, 3, 2281-2305.	2.6	22
43	WhatIF Application. , 2015, , .		1
44	Semantic Interoperability Architecture for Pervasive Computing and Internet of Things. IEEE Access, 2014, 2, 856-873.	2.6	133
45	A Mobile Application to Assist Electric Vehicles' Drivers with Charging Services. , 2014, , .		15
46	Driving without anxiety: A route planner service with range prediction for the electric vehicles. , 2014, , .		10
47	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
48	An interoperable architecture for mobile smart services over the internet of energy. , 2013, , .		24
49	Reconfigurable natural interaction in smart environments: approach and prototype implementation. Personal and Ubiquitous Computing, 2012, 16, 943-956.	1.9	12
50	The Integration of e-health into the Clinical Workflow â€œ Electronic Health Record and Standardization Efforts. Lecture Notes in Computer Science, 2012, , 107-115.	1.0	2
51	Case Study: Context-Aware Supervision of a Smart Maintenance Process. , 2011, , .		12
52	An Integrated Framework to Achieve Interoperability in Person-Centric Health Management. International Journal of Telemedicine and Applications, 2011, 2011, 1-10.	1.1	22
53	Design and test of a smart-space interaction device combining RFID and electromagnetic interferometry. , 2011, , .		2
54	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

#	ARTICLE	IF	CITATIONS
55	A Smart Space application to dynamically relate medical and environmental information. , 2010, , .		16
56	Mobile Visual Search using Smart-M3. , 2010, , .		5
57	Smart-M3 and OSGi: The interoperability platform. , 2010, , .		22
58	Towards Context-Aware Telecom End User Services through SOA. Lecture Notes in Computer Science, 2009, , 317-325.	1.0	1
59	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
60	The Design Principles and Practices of Interoperable Smart Spaces. , 0, , 18-47.		41
61	Requirements on System Design to Increase Understanding and Visibility of Cultural Heritage. , 0, , 259-284.		4