Luca Bedogni

List of Publications by Year
in descending order

71 papers	1,121 citations	949033 11 h-index	843174 20 g-index
73 all docs	73 docs citations	73 times ranked	1428 citing authors

#	Article	IF	Citations
1	A Web Of Things Context-Aware IoT System leveraging Q-learning. , 2022, , .		0
2	A Hierarchical Architectural Model for IoT End-User Service Composition. , 2022, , .		1
3	Enabling Green Crowdsourced Social Delivery Networks in Urban Communities. Sensors, 2022, 22, 1541.	2.1	3
4	Does the venue of scientific conferences leverage their impact? A large scale study on Computer Science conferences. Library Hi Tech, 2022, ahead-of-print, .	3.7	6
5	Location Contact Tracing: Penetration, Privacy, Position, and Performance. Digital Government Research and Practice (DGOV), 2022, 3, 1-13.	1.2	2
6	IoT End-User Service Composition via a Visual Programming Interface. , 2021, , .		0
7	Anomaly Detection and Classification in Predictive Maintenance Tasks with Zero Initial Training. IoT, 2021, 2, 590-609.	2.3	2
8	Identification of Social Aspects by Means of Inertial Sensor Data. Information (Switzerland), 2020, 11, 534.	1.7	3
9	Performance evaluation of hybrid crowdsensing systems with stateful CrowdSenSim 2.0 simulator. Computer Communications, 2020, 161, 225-237.	3.1	2
10	A Privacy Preserving Framework for Rewarding Users in Opportunistic Mobile Crowdsensing. , 2020, , .		4
11	Delivering IoT Smart Services through Collective Awareness, Mobile Crowdsensing and Open Data. , 2020, , .		3
12	Texting and Driving Recognition Exploiting Subsequent Turns Leveraging Smartphone Sensors. , 2019, , .		1
13	Permission-free Keylogging through Touch Events Eavesdropping on Mobile Devices. , 2019, , .		1
14	Vehicular Route Identification Using Mobile Devices Integrated Sensors. , 2019, , .		2
15	Dynamic Spectrum Access for Machine to Machine Communications: Opportunities, Standards, and Open Issues. , 2019, , 1821-1848.		0
16	Reinforcement Learning-Based Spectrum Management for Cognitive Radio Networks: A Literature Review and Case Study. , 2019, , 1849-1886.		1
17	CrowdSenSim 2.0. , 2019, , .		8
18	A Collaborative Internet of Things Architecture for Smart Cities and Environmental Monitoring. IEEE Internet of Things Journal, 2018, 5, 592-605.	5.5	175

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19	Rising User Privacy Against Predictive Context Awareness Through Adversarial Information Injection. , 2018, , .		3
20	Custom Dual Transportation Mode Detection By Smartphone Devices Exploiting Sensor Diversity. , 2018, , .		36
21	Temporal Reachability in Vehicular Networks. , 2018, , .		18
22	WiFi Meets Barometer: Smartphone-Based 3D Indoor Positioning Method. , 2018, , .		12
23	Machine-to-machine wireless communication technologies for the Internet of Things: Taxonomy, comparison and open issues. Pervasive and Mobile Computing, 2018, 50, 56-81.	2.1	69
24	Dual-Mode Wake-Up Nodes for IoT Monitoring Applications: Measurements and Algorithms. , 2018, , .		8
25	Dynamic Spectrum Access for Machine to Machine Communications: Opportunities, Standards, and Open Issues. , 2018, , 1-28.		0
26	Indoor Use of Gray and White Spaces: Another Look at Wireless Indoor Communication. IEEE Vehicular Technology Magazine, 2017, 12, 63-71.	2.8	13
27	Performance Assessment and Feasibility Analysis of IEEE 802.15.4m Wireless Sensor Networks in TV Grayspaces. ACM Transactions on Sensor Networks, 2017, 13, 1-27.	2.3	6
28	Is WiFi suitable for energy efficient IoT deployments? A performance study. , 2017, , .		7
29	Dynamic Adaptive Video Streaming on Heterogeneous TVWS and Wi-Fi Networks. IEEE/ACM Transactions on Networking, 2017, 25, 3253-3266.	2.6	10
30	Automotive Communications in LTE: A Simulation-Based Performance Study. , 2017, , .		3
31	Achieving IoT Interoperability through a Service Oriented In-Home Appliance. , 2017, , .		3
32	Dynamic segment size selection in HTTP based adaptive video streaming. , 2017, , .		5
33	Distributed Data Collection Control in Opportunistic Mobile Crowdsensing. , 2017, , .		14
34	SenSquare: A mobile crowdsensing architecture for smart cities. , 2016, , .		10
35	The Emergency Direct Mobile App. , 2016, , .		14
36	A Self-Adapting Algorithm Based on Atmospheric Pressure to Localize Indoor Devices. , 2016, , .		9

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37	Enhancing TV White-Spaces Database with Unmanned Aerial Scanning Vehicles (UASVs). , 2016, , .		0
38	From brown coal to a rural energy landscape â€" Orchestration of storage and electric mobility to foster decentralized energy management. , 2016, , .		0
39	Estimating urban mobility with open data: A case study in Bologna. , 2016, , .		9
40	Contextâ€aware Android applications through transportation mode detection techniques. Wireless Communications and Mobile Computing, 2016, 16, 2523-2541.	0.8	40
41	A Route Planner Service with Recharging Reservation: Electric Itinerary with a Click. IEEE Intelligent Transportation Systems Magazine, 2016, 8, 75-84.	2.6	22
42	On the integration of heterogeneous data sources for the collaborative Internet of Things. , 2016, , .		10
43	Workshop message: CORAL 2016. , 2016, , .		0
44	An Integrated Simulation Framework to Model Electric Vehicle Operations and Services. IEEE Transactions on Vehicular Technology, 2016, 65, 5900-5917.	3.9	35
45	Workshop program (CORAL 2015). , 2015, , .		0
46	The Bologna Ringway Dataset: Improving Road Network Conversion in SUMO and Validating Urban Mobility via Navigation Services. IEEE Transactions on Vehicular Technology, 2015, 64, 5464-5476.	3.9	63
47	Impact of Interdisciplinary Research on Planning, Running, and Managing Electromobility as a Smart Grid Extension. IEEE Access, 2015, 3, 2281-2305.	2.6	22
48	Integration of traffic and grid simulator for the analysis of e-mobility impact on power distribution networks. , 2015, , .		7
49	Park Here! a smart parking system based on smartphones' embedded sensors and short range Communication Technologies. , 2015, , .		61
50	STEM-NET: How to deploy a self-organizing network of mobile end-user devices for emergency communication. Computer Communications, 2015, 60, 12-27.	3.1	20
51	Connectivity recovery in post-disaster scenarios through Cognitive Radio swarms. Computer Networks, 2015, 91, 68-89.	3.2	10
52	On 3-dimensional spectrum sharing for TV white and Gray Space networks. , 2015, , .		14
53	WhatIF Application. , 2015, , .		1
54	A Mobile Application to Assist Electric Vehicles' Drivers with Charging Services. , 2014, , .		15

#	Article	IF	Citations
55	Smart meters with TV gray spaces connectivity: A feasibility study for two reference network topologies. , 2014, , .		19
56	Self-organizing aerial mesh networks for emergency communication. , 2014, , .		42
57	Driving without anxiety: A route planner service with range prediction for the electric vehicles. , 2014, , .		10
58	A Collision-Free Contention Protocol Based on Pulse/Tone Signals. , 2014, , .		1
59	Cognitive modulation and coding scheme adaptation for 802.11n and 802.11af networks. , 2014, , .		4
60	Indoor communication over TV gray spaces based on spectrum measurements. , 2014, , .		18
61	Distributed Mobile Femto-Databases for Cognitive Access to TV White Spaces. , 2014, , .		1
62	STEMâ€Net: an evolutionary network architecture for smart and sustainable cities. Transactions on Emerging Telecommunications Technologies, 2014, 25, 21-40.	2.6	26
63	Group communication on highways: An evaluation study of geocast protocols and applications. Ad Hoc Networks, 2013, 11, 818-832.	3.4	55
64	Re-establishing network connectivity in post-disaster scenarios through mobile cognitive radio networks. , 2013, , .		6
65	Machine-to-Machine Communication over TV White Spaces for Smart Metering Applications. , 2013, , .		18
66	STEM-mesh: Self-organizing mobile cognitive radio network for disaster recovery operations. , 2013, , .		13
67	An interoperable architecture for mobile smart services over the internet of energy. , 2013, , .		24
68	Smartphones like stem cells: Cooperation and evolution for emergency communication in post-disaster scenarios. , 2013, , .		9
69	DySCO. , 2012, , .		11
70	By train or by car? Detecting the user's motion type through smartphone sensors data. , 2012, , .		47
71	Dynamic backbone for fast information delivery invehicular ad hoc networks. , 2011, , .		7