

# Vincenzo Mighali

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4384988/publications.pdf>

Version: 2024-02-01

17  
papers

470  
citations

1307594

7  
h-index

1281871

11  
g-index

17  
all docs

17  
docs citations

17  
times ranked

554  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Indoor Location-Aware System for an IoT-Based Smart Museum. IEEE Internet of Things Journal, 2016, 3, 244-253.	8.7	201
2	A Software Architecture Enabling the Web of Things. IEEE Internet of Things Journal, 2015, 2, 445-454.	8.7	53
3	A novel MAC scheduler to minimize the energy consumption in a Wireless Sensor Network. Ad Hoc Networks, 2014, 16, 88-104.	5.5	39
4	A Cross-Layer Approach to Minimize the Energy Consumption in Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2014, 10, 268284.	2.2	29
5	An Energy-Efficient MAC Scheduler based on a Switched-Beam Antenna for Wireless Sensor Networks. Journal of Communications Software and Systems, 2017, 9, 117.	0.8	20
6	Performance evaluation of end-to-end security protocols in an Internet of Things. , 2013, , .		19
7	A location-aware architecture for heterogeneous building automation systems. , 2015, , .		18
8	The use of NFC and Android technologies to enable a KNX-based smart home. , 2013, , .		17
9	Near Field UHF RFID Antenna System Enabling the Tracking of Small Laboratory Animals. International Journal of Antennas and Propagation, 2013, 2013, 1-10.	1.2	16
10	A novel rule-based semantic architecture for IoT building automation systems. , 2015, , .		13
11	Discovery and Mash-up of Physical Resources through a Web of Things Architecture. Journal of Communications Software and Systems, 2017, 10, 124.	0.8	12
12	A Location-Aware Architecture for an IoT-Based Smart Museum. International Journal of Electronic Government Research, 2016, 12, 39-55.	1.1	8
13	HEC-MAC: A Hybrid Energy-Aware Cross-Layer MAC Protocol for Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 11, 536794.	2.2	7
14	An android multi-protocol application for heterogeneous building automation systems. , 2014, , .		6
15	An RFID tracking system supporting the behavior analysis of colonial laboratory animals. International Journal of RF Technologies: Research and Applications, 2013, 5, 63-80.	0.7	5
16	Sensors-based treatment system of the organic waste with RFID identification and on-cloud traceability. , 2019, , .		5
17	Abstracting IoT Complexity Through an Innovative Virtual Environment. Recent Advances in Communications and Networking Technology, 2017, 6, .	0.1	2