LuÃ-s Miguel Lopes de Oliveira

List of Publications by Year
in descending order

22 papers	609 citations	1307594 7 h-index	1125743 13 g-index
22 all docs	22 docs citations	22 times ranked	739 citing authors

#	Article	IF	Citations
1	Wireless Sensor Networks: a Survey on Environmental Monitoring. Journal of Communications, 2011, 6, .	1.6	268
2	Routing and mobility approaches in IPv6 over LoWPAN mesh networks. International Journal of Communication Systems, 2011, 24, 1445-1466.	2.5	90
3	Learning-Based URLLC-Aware Task Offloading for Internet of Health Things. IEEE Journal on Selected Areas in Communications, 2021, 39, 396-410.	14.0	70
4	QoE-driven power scheduling in smart grid: architecture, strategy, and methodology. IEEE Communications Magazine, 2012, 50, 136-141.	6.1	62
5	A Network Access Control Framework for 6LoWPAN Networks. Sensors, 2013, 13, 1210-1230.	3.8	24
6	Denial of service mitigation approach for IPv6â€enabled smart object networks. Concurrency Computation Practice and Experience, 2013, 25, 129-142.	2.2	23
7	IOT based solution for home power energy monitoring and actuating. , 2015, , .		13
8	A WSN solution for light aircraft pilot health monitoring. , 2012, , .		12
9	VITASENIOR-MT: a telehealth solution for the elderly focused on the interaction with TV. , 2018, , .		11
10	Wireless Sensor Networks in IPv4/IPv6 Transition Scenarios. Wireless Personal Communications, 2014, 78, 1849-1862.	2.7	7
11	End-to-end connectivity IPv6 over wireless sensor networks. , 2011, , .		6
12	Design and construction of a wireless sensor and actuator network gateway based on 6LoWPAN. , 2011, , .		5
13	A mobility solution for low power and lossy networks using the LOADng protocol. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3878.	3.9	4
14	Benchmarking Deep Learning Methods for Behaviour-Based Network Intrusion Detection. Informatics, 2022, 9, 29.	3.9	4
15	Usability of a telehealth solution based on TV interaction for the elderly: the VITASENIOR-MT case study. Universal Access in the Information Society, 2023, 22, 525-536.	3.0	3
16	Recognition of human activity based on sparse data collected from smartphone sensors*. , 2019, , .		2
17	On the Performance of LDPC-Coded MIMO Schemes for Underwater Communications Using 5G-like Processing. Applied Sciences (Switzerland), 2022, 12, 5549.	2.5	2
18	IPv4/IPv6 transition mechanisms for ubiquitous wireless sensor networks monitoring. , 2013, , .		1

#	Article	IF	Citations
19	Tracking human routines towards adaptive monitoring: the MOVIDA.domus platform. Procedia Computer Science, 2018, 138, 41-48.	2.0	1
20	Use of wireless sensor network system based on water level, rain, conductivity, oil and turbidity sensors to monitor the storm sewerage. IET Wireless Sensor Systems, 2022, 12, 103-121.	1.7	1
21	Framework for an Intelligent Operations center: Architecture of decision support information system. , 2016, , .		0
22	Prescribe and Monitor Physical Activity Through a Community-Based eHealth Program: MOVIDA Platform. IFMBE Proceedings, 2020, , 13-19.	0.3	0