

LuÃ-s Miguel Lopes de Oliveira

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

609
citations

1307366

7
h-index

1125617

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, .	1.3	268
2	Routing and mobility approaches in IPv6 over LoWPAN mesh networks. International Journal of Communication Systems, 2011, 24, 1445-1466.	1.6	90
3	Learning-Based URLLC-Aware Task Offloading for Internet of Health Things. IEEE Journal on Selected Areas in Communications, 2021, 39, 396-410.	9.7	70
4	QoE-driven power scheduling in smart grid: architecture, strategy, and methodology. IEEE Communications Magazine, 2012, 50, 136-141.	4.9	62
5	A Network Access Control Framework for 6LoWPAN Networks. Sensors, 2013, 13, 1210-1230.	2.1	24
6	Denial of service mitigation approach for IPv6-enabled smart object networks. Concurrency Computation Practice and Experience, 2013, 25, 129-142.	1.4	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.	1.8	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.	2.6	4
14	Benchmarking Deep Learning Methods for Behaviour-Based Network Intrusion Detection. Informatics, 2022, 9, 29.	2.4	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.	2.1	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.	1.3	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. <i>Procedia Computer Science</i> , 2018, 138, 41-48.	1.2	1
20	Use of wireless sensor network system based on water level, rain, conductivity, oil and turbidity sensors to monitor the storm sewerage. <i>IET Wireless Sensor Systems</i> , 2022, 12, 103-121.	1.3	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. <i>IFMBE Proceedings</i> , 2020, , 13-19.	0.2	0