

AndrÃ© G Ferreira

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

346
citations

1307594

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1372567

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16
all docs

16
docs citations

16
times ranked

465
citing authors

#	ARTICLE	IF	CITATIONS
1	Feature Selection for Real-Time NLOS Identification and Mitigation for Body-Mounted UWB Transceivers. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-10.	4.7	24
2	A machine learning-based dynamic link power control in wearable sensing devices. <i>Wireless Networks</i> , 2021, 27, 1835-1848.	3.0	7
3	A Loose-Coupled Fusion of Inertial and UWB Assisted by a Decision-Making Algorithm for Localization of Emergency Responders. <i>Electronics (Switzerland)</i> , 2019, 8, 1463.	3.1	11
4	Textile Electrodes for Heart Rate Measurement: A Comparative Study for Firefighters's™ Monitoring. <i>Key Engineering Materials</i> , 2019, 812, 53-59.	0.4	1
5	Machine Learning in Resource-Scarce Embedded Systems, FPGAs, and End-Devices: A Survey. <i>Electronics (Switzerland)</i> , 2019, 8, 1289.	3.1	48
6	A Low Traffic Overhead Transmission Power Control for Wireless Body Area Networks. <i>IEEE Sensors Journal</i> , 2018, 18, 1301-1313.	4.7	25
7	Survey and Taxonomy of Transmissions Power Control Mechanisms for Wireless Body Area Networks. <i>IEEE Communications Surveys and Tutorials</i> , 2018, 20, 1292-1328.	39.4	24
8	A Pedestrian Positioning System Integrated Into a Cyber-Physical System for Emergency Responders' Monitoring. , 2018, , .		1
9	CLARA: Cloud Learning Autonomous Reacting Algorithms, a Machine Learning Service for the Internet of Things. , 2018, , .		0
10	Textile-based pressure sensors for step detection: a preliminary assessment. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 459, 012041.	0.6	2
11	Localization and Positioning Systems for Emergency Responders: A Survey. <i>IEEE Communications Surveys and Tutorials</i> , 2017, 19, 2836-2870.	39.4	119
12	On-body signal propagation in WBANs for firefighters personal protective equipment: Statistical characterization and performance assessment. , 2017, , .		2
13	Performance Analysis of ToA-Based Positioning Algorithms for Static and Dynamic Targets with Low Ranging Measurements. <i>Sensors</i> , 2017, 17, 1915.	3.8	40
14	A smart wearable system for sudden infant death syndrome monitoring. , 2016, , .		32
15	Energy saving mechanism for a smart wearable system: Monitoring infants during the sleep. , 2016, , .		7
16	A wireless body sensor network based on dynamic power control and opportunistic packet scheduling mechanisms. , 2015, , .		3