Giada Giorgi

List of Publications by Year
in descending order

34 papers	435 citations	1163117 8 h-index	888059 17 g-index
34 all docs	34 docs citations	34 times ranked	440 citing authors

#	Article	IF	Citations
1	Performance Analysis of Kalman-Filter-Based Clock Synchronization in IEEE 1588 Networks. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 2902-2909.	4.7	137
2	<italic>Fast</italic>-TFMâ€”Multifrequency Phasor Measurement for Distribution Networks. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 1825-1835.	4.7	55
3	Measuring Heart Rate During Physical Exercise by Subspace Decomposition and Kalman Smoothing. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 1102-1110.	4.7	46
4	Detection of Anomalous Behaviors in Networks From Traffic Measurements. IEEE Transactions on Instrumentation and Measurement, 2008, 57, 2782-2791.	4.7	28
5	A Combined Approach for Real-Time Data Compression in Wireless Body Sensor Networks. IEEE Sensors Journal, 2017, 17, 6129-6135.	4.7	26
6	Measuring Cerebral Activation From fNIRS Signals: An Approach Based on Compressive Sensing and Taylorâ€“Fourier Model. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 1310-1318.	4.7	12
7	A measurement approach based on micro-doppler maps for human motion analysis and detection. , 2012, , .		10
8	Frequency tracking for efficient phasor measurement based on a CSTFM model. , 2015, , .		10
9	On the Analysis of Communication and Computer Networks by Traffic Flow Measurements. IEEE Transactions on Instrumentation and Measurement, 2007, 56, 1157-1164.	4.7	9
10	Timestamp Validation Strategy for Wireless Sensor Networks Based on IEEE 802.15.4 CSS. IEEE Transactions on Instrumentation and Measurement, 2014, 63, 2512-2521.	4.7	8
11	Multifunction phasor analysis for distribution networks. , 2016, , .		8
12	Dedicated Algorithm for Unobtrusive Fetal Heart Rate Monitoring Using Multiple Dry Electrodes. Sensors, 2021, 21, 4298.	3.8	8
13	Printed Multi-EMG Electrodes on the 3D Surface of an Orthosis for Rehabilitation: A Feasibility Study. IEEE Sensors Journal, 2021, 21, 14407-14417.	4.7	8
14	A smartphone-based indoor localization system for visually impaired people. , 2015, , .		7
15	Dead Reckoning in Structured Environments for Human Indoor Navigation. IEEE Sensors Journal, 2017, 17, 7794-7802.	4.7	7
16	A Study of Measurement-Based Traffic Models for Network Diagnostics. IEEE Transactions on Instrumentation and Measurement, 2008, 57, 1642-1650.	4.7	6
17	Efficient detection for multifrequency dynamic phasor analysis. , 2016, , .		5
18	Precision Packet-Based Frequency Transfer Based on Oversampling. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 1856-1863.	4.7	5

#	Article	IF	Citations
19	IEEE 802.15.6 compliant WBSN: A case study. , 2017, , .		5
20	Lightweight Lossless Compression for N -Dimensional Data in Multi-Sensor Systems. IEEE Sensors Journal, 2019, 19, 8895-8903.	4.7	5
21	ISO/IEC/IEEE 21451 Compliant Sensor Nodes for Energy-Aware Wireless Sensor Networks. IEEE Sensors Journal, 2015, 15, 2488-2496.	4.7	4
22	Multi-User ECG Monitoring System based on IEEE Standard 802.15.6. , 2019, , .		4
23	Comparative analysis of synchronization strategies in sensor network with misbehaving clocks. , 2012, , .		3
24	On the accuracy of packet-based measurements in the PTP telecom profile. , 2015, , .		3
25	Comparative evaluation of on-line missing data regression techniques in intrapartum FHR measurements. , 2017, , .		3
26	Individual Recognition by Gaussian ECG Features. , 2020, , .		3
27	Instrumentation electronic data sheets: IEEE 1451-like extension to measuring systems. , 2012, , .		2
28	A compressive sensing spectral model for fNIRS haemodynamic response de-noising. , 2015, , .		2
29	ECG Monitoring and Anomaly Detection Based on Compressed Measurements. , 2018, , .		2
30	Data processing algorithm for direction tracking in indoor localization. , 2015, , .		1
31	Low-latency Phasor Measurement Using Offset Time Reference and Asymmetric Dictionary. , 2018, , .		1
32	Accurate hemodynamic response estimation by removal of stimulus-evoked superficial response in fNIRS signals. Journal of Neural Engineering, 2021, 18, 036019.	3.5	1
33	A Morphological Peak-Detector for Single-Unit Neural Recording Acquisition Systems. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-11.	4.7	1
34	Organic substrates for novel printed sensors in neural interfacing: a measurement method for cytocompatibility analysis. , 2020, , .		0