

Giada Giorgi

List of Publications by Year in descending order

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34
papers

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docs citations

34
times ranked

440
citing authors

#	ARTICLE	IF	CITATIONS
1	A Morphological Peak-Detector for Single-Unit Neural Recording Acquisition Systems. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-11.	4.7	1
2	Accurate hemodynamic response estimation by removal of stimulus-evoked superficial response in fNIRS signals. Journal of Neural Engineering, 2021, 18, 036019.	3.5	1
3	Dedicated Algorithm for Unobtrusive Fetal Heart Rate Monitoring Using Multiple Dry Electrodes. Sensors, 2021, 21, 4298.	3.8	8
4	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
5	Organic substrates for novel printed sensors in neural interfacing: a measurement method for cytocompatibility analysis. , 2020, , .		0
6	Individual Recognition by Gaussian ECG Features. , 2020, , .		3
7	Lightweight Lossless Compression for N^N -Dimensional Data in Multi-Sensor Systems. IEEE Sensors Journal, 2019, 19, 8895-8903.	4.7	5
8	Multi-User ECG Monitoring System based on IEEE Standard 802.15.6. , 2019, , .		4
9	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
10	ECG Monitoring and Anomaly Detection Based on Compressed Measurements. , 2018, , .		2
11	Low-latency Phasor Measurement Using Offset Time Reference and Asymmetric Dictionary. , 2018, , .		1
12	<i>Fast</i> -TFM ² Multifrequency Phasor Measurement for Distribution Networks. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 1825-1835.	4.7	55
13	Precision Packet-Based Frequency Transfer Based on Oversampling. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 1856-1863.	4.7	5
14	Dead Reckoning in Structured Environments for Human Indoor Navigation. IEEE Sensors Journal, 2017, 17, 7794-7802.	4.7	7
15	A Combined Approach for Real-Time Data Compression in Wireless Body Sensor Networks. IEEE Sensors Journal, 2017, 17, 6129-6135.	4.7	26
16	Comparative evaluation of on-line missing data regression techniques in intrapartum FHR measurements. , 2017, , .		3
17	IEEE 802.15.6 compliant WBSN: A case study. , 2017, , .		5
18	Multifunction phasor analysis for distribution networks. , 2016, , .		8

#	ARTICLE	IF	CITATIONS
19	Efficient detection for multifrequency dynamic phasor analysis. , 2016, , .		5
20	Measuring Cerebral Activation From fNIRS Signals: An Approach Based on Compressive Sensing and Taylor's Fourier Model. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 1310-1318.	4.7	12
21	Data processing algorithm for direction tracking in indoor localization. , 2015, , .		1
22	A compressive sensing spectral model for fNIRS haemodynamic response de-noising. , 2015, , .		2
23	ISO/IEC/IEEE 21451 Compliant Sensor Nodes for Energy-Aware Wireless Sensor Networks. IEEE Sensors Journal, 2015, 15, 2488-2496.	4.7	4
24	Frequency tracking for efficient phasor measurement based on a CSTFM model. , 2015, , .		10
25	On the accuracy of packet-based measurements in the PTP telecom profile. , 2015, , .		3
26	A smartphone-based indoor localization system for visually impaired people. , 2015, , .		7
27	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
28	A measurement approach based on micro-doppler maps for human motion analysis and detection. , 2012, , .		10
29	Comparative analysis of synchronization strategies in sensor network with misbehaving clocks. , 2012, , .		3
30	Instrumentation electronic data sheets: IEEE 1451-like extension to measuring systems. , 2012, , .		2
31	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
32	A Study of Measurement-Based Traffic Models for Network Diagnostics. IEEE Transactions on Instrumentation and Measurement, 2008, 57, 1642-1650.	4.7	6
33	Detection of Anomalous Behaviors in Networks From Traffic Measurements. IEEE Transactions on Instrumentation and Measurement, 2008, 57, 2782-2791.	4.7	28
34	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