Michele Vadursi

List of Publications by Year
in descending order

47 papers	422 citations	11 h-index
47 all docs	47 docs citations	47 times ranked

840776

18
g-index

839539

289
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance Analysis of a DEKF for Available Bandwidth Measurement. Journal of Electrical and Computer Engineering, 2016, 2016, 1-8.	0.9	1
2	System and Network Security: Anomaly Detection and Monitoring. Journal of Electrical and Computer Engineering, 2016, 2016, 1-2.	0.9	7
3	Differential analysis of Operating System indicators for anomaly detection in dependable systems: An experimental study. Measurement: Journal of the International Measurement Confederation, 2016, 80, 229-240.	5.0	6
4	A Kalman filtering based method for available bandwidth measurement. , 2015, , .		3
5	New Approach Based on Compressive Sampling for Sample Rate Enhancement in DASs for Low-Cost Sensing Nodes. Sensors, 2014, 14, 18915-18940.	3.8	19
6	Experiment-Driven Modeling of Open-Source Internet Traffic Generators. IEEE Transactions on Instrumentation and Measurement, 2014, 63, 2529-2538.	4.7	5
7	Design and Implementation of a Preprocessing Circuit for Bandpass Signals Acquisition. IEEE Transactions on Instrumentation and Measurement, 2014, 63, 287-294.	4.7	26
8	Detection and Compensation of Interchannel Time Offsets in Indirect Fetal ECG Sensing. IEEE Sensors Journal, 2014, 14, 2327-2334.	4.7	14
9	Design and implementation of a reconfigurable test-bed for real-time security measurements in VoIP systems. Measurement: Journal of the International Measurement Confederation, 2013, 46, 3691-3700.	5.0	4
10	Measuring transmission lines parameters in the frequency domain. , 2013, , .		0
11	Experimental analysis of the first order time difference of indicators used in the monitoring of complex systems. , 2013, , .		2
12	A compressive sampling based method for power measurement of band-pass signals. , 2013, , .		12
13	An experimental characterization of the internal generation cycle of an open-source software traffic generator. , 2013, , .		2
14	Experimental assessment of low-cost GPS-based localization in railway worksite-like scenarios. Measurement: Journal of the International Measurement Confederation, 2013, 46, 456-466.	5.0	24
15	Resilient estimation of synchronisation uncertainty through software clocks. International Journal of Critical Computer-Based Systems, 2013, 4, 301.	0.1	10
16	Synthesis and generation of critical waveforms by means of AWG. , 2012, , .		0
17	An Efficient Pre-Processing Scheme to Enhance Resolution in Band-Pass Signals Acquisition. IEEE Transactions on Instrumentation and Measurement, 2012, 61, 2932-2940.	4.7	28
18	An online quality control system for GPS stations used for geodetic surveillance. , 2012, , .		4

#	Article	IF	Citations
19	Experimental evaluation of the effects of in-channel interference on GPS receivers. , 2011, , .		2
20	Security in VoIP systems: towards the design and implementation of a reconfigurable test bed for real-time measurements. , 2011, , .		2
21	Experimental assessment of the effects of cross-traffic on Wi-Fi video streaming. Measurement: Journal of the International Measurement Confederation, 2011, 44, 1661-1668.	5.0	4
22	Testing high resolution DACs: A contribution to draft standard IEEE P1658. Measurement: Journal of the International Measurement Confederation, 2011, 44, 1044-1052.	5.0	9
23	Localization errors of low-cost GPS devices in railway worksite-like scenarios. , 2011, , .		6
24	Modeling DAC Output Waveforms. IEEE Transactions on Instrumentation and Measurement, 2010, 59, 2854-2862.	4.7	31
25	Modeling and Measuring Link Capacity in Communication Networks. IEEE Transactions on Instrumentation and Measurement, 2010, 59, 1065-1072.	4.7	9
26	Test Equipment for DAC's Performance Assessment: Design and Characterization. IEEE Transactions on Instrumentation and Measurement, 2010, 59, 1027-1034.	4.7	18
27	Problems arising in the experimental evaluation of DACs dynamic parameters. , 2010, , .		0
28	Experimental Validation of a Synchronization Uncertainty-Aware Software Clock. , 2010, , .		9
29	AMBER Roadmap: Ongoing Research Directions. , 2010, , .		1
30	Analyzing DAC waveform distortion due to finite settling time. , 2010, , .		1
31	Spectral estimation of piece-constant waveforms generated by digital-to-analog converters. , 2009, , .		1
32	Design of a test equipment for DAC's performance assessment. , 2009, , .		2
33	A new method for multi-layer capacity measurements in communication networks. , 2009, , .		1
34	Measuring I/Q Impairments in WiMAX Transmitters. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 1299-1306.	4.7	5
35	True-Power Measurement in Digital Communication Systems Affected by In-Channel Interference. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 3985-3994.	4.7	16
36	Measurement and analysis of clutter signal from GSM/DCS-based passive radar. , 2008, , .		2

#	Article	IF	Citations
37	Experimental Verification of a Two-State Model for the Cumulative Distribution Function of GSM Passive Radar Clutter. , 2008, , .		2
38	A New Instrument Based on Cyclic Spectral Analysis for Power Measurement in Digital Telecommunication Systems. , 2008, , .		1
39	Measuring Gain Imbalance and Quadrature Error in WiMAX Transmitters. , 2008, , .		2
40	Foundations of Measurement Theory Applied to the Evaluation of Dependability Attributes. , 2007, , .		25
41	Towards Making NekoStat a Proper Measurement Tool for the Validation of Distributed Systems. , 2007, , .		2
42	Cross-Layer Measurements for a Comprehensive Characterization of Wireless Networks in the Presence of Interference. IEEE Transactions on Instrumentation and Measurement, 2007, 56, 1148-1156.	4.7	36
43	Clustering-Based Method for Detecting and Evaluating I/Q Impairments in Radio-Frequency Digital Transmitters. IEEE Transactions on Instrumentation and Measurement, 2007, 56, 2139-2146.	4.7	24
44	Modulation Tests on Bluetooth Transmitters Through Time–Frequency Representations. IEEE Transactions on Instrumentation and Measurement, 2007, 56, 2147-2154.	4.7	4
45	Performance Assessment of Wireless Communication Networks through Cross-Layer Measurements. , 2006, , .		4
46	Techniques for available bandwidth measurement in IP networks: A performance comparison. Computer Networks, 2006, 50, 332-349.	5.1	31
47	Automatic Selection of Optimal Sample Rate for Band-Pass Signals. , 2006, , .		5