

Citation Report

Citations number (December 2016):

785 via SCOPUS

1096 via GOOGL SCHOLAR

Hirsch Index (December 2016):

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List of Principal Recent Publications

- 1) G. ANDRIA, F. ATTIVISSIMO, G. GUGLIELMI, A.M.L. LANZOLLA, A. MAIORANA, M. MANGIANTINI: "Towards patient dose optimization in digital radiography", Measurement, Vol. 79, 2016, pp. 331-338.
- 2) ANDRIA G, A.M.L. LANZOLLA, G. RUSSO, M. PARABITA, R. ANTONELLI INCALZI, G. CAVALLO, M. BENVENUTO (2015). A novel approach for design and testing digital m-health applications. In: Proc. of MeMeA 2015. p. 440-444, Torino, May 7-9, 2015
- 3) ANDRIA G, A.M.L. LANZOLLA, G. RUSSO, M. PARABITA, R. ANTONELLI INCALZI, G. CAVALLO, M. BENVENUTO (2015). An innovative measurement system based on MEMs for telerehabilitation. In: Proc. of MeMeA 2015. p. 436-439, Torino, May 7-9, 2015
- 4) G. ANDRIA, ATTIVISSIMO F, A. DI NISIO, A.M.L. LANZOLLA, A. PELLEGRINO (2015). Design and Implementation of Automotive Data Acquisition Platform. In: Proc. of I2MTC/15 International Instr. & Meas. p. 272-276, ISBN: 978-1-4799-6113-9, Pisa, May 11-14, 2015
- 5) ANDRIA G, ATTIVISSIMO F, LANZOLLA A, GUGLIELMI G, FRANCAVILLA M (2014). Assessment of imaging performance in digital radiographic sy. In: MeMeA 2014. Lisbon, Portugal, June 11 - 12, 2014
- 6) G. ANDRIA, F. ATTIVISSIMO, G. CAVONE, LANZOLLA A, M. SPADAVECCHIA (2014). Environmental Impact of the marine transport in Port of Taranto. In: Proc. of Imeko TC19 Symposium on Environmental Instrumentation and Measurements. p. 16-19, Chemitz, September 23-24, 2014
- 7) G. ANDRIA, ATTIVISSIMO F, A. M. L. LANZOLLA, G. GUGLIELMI, M. FRANCAVILLA (2014). Quality assessment in radiographic images. In: III Imeko TC 13 Symposium, New Frontiers in Biomedical Measurements. ISBN: 978-92-990073-4-1, Lecce, April 17-18
- 8) G. ANDRIA, F. ATTIVISSIMO, A. DI NISIO, LANZOLLA A, G. GUGLIELMI, R. TERLIZZI (2014). Dose Optimization in Chest Radiography: System and Model Characterization via Experimental Investigation. IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT, vol. 63, p. 1163-1170, ISSN: 0018-9456, doi: 10.1109/TIM.2013.2282411
- 9) ADAMO F, ANDRIA G, CAVONE G, DE CAPUA C, LANZOLLA A M L, MORELLO R, SPADAVECCHIA M (2014). Estimation of ship emissions in the port of Taranto. MEASUREMENT, vol. 47, p. 982-988, ISSN: 0263-2241, doi: 10.1016/j.measurement.2013.09.012

- 10) G. ANDRIA, V. PELILLO, L. PIPER, A. LAY-EKUAKILLE, LANZOLLA A, R. MORELLO (2014). Geostatistical approach for validating contaminated soil measurements. MEASUREMENT, vol. 47, p. 1016-1023, ISSN: 0263-2241, doi: 10.1016/j.measurement.2013.09.016
- 11) ADAMO F, ANDRIA G, DI NISIO A, GIAQUINTO N, SCARANO V L, SPADAVECCHIA M (2014). Wideband measurement method for prognosis of soldering failure on electronic boards. In: Proc. of IEEE International Instrumentation and Measurement Technology Conference (I2MTC), May 2014. Montevideo, Uruguay, May 12-15, 2014, doi: 10.1109/I2MTC.2014.6860831
- 12) ANDRIA G, F. ATTIVISSIMO, A.M.L. LANZOLLA, M. SAVINO (2013). A Suitable Threshold for Speckle Reduction in Ultrasound Images. IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT, p. 2270-2279, ISSN: 0018-9456, doi: 10.1109/TIM.2013.2255978
- 13) F. ADAMO, G. ANDRIA, F. ATTIVISSIMO, LANZOLLA A, M. SPADAVECCHIA (2013). A comparative study on mother wavelet selection in ultrasound image denoising. MEASUREMENT, vol. 46, p. 2247-2456, ISSN: 0263-2241
- 14) ANDRIA G, CAVONE G, SAVINO M, SCARANO V.L. (2013). A proposal for a flexible and scalable system for environmental measurement network. In: Proceedings - M and N 2013: 2013 IEEE International Workshop on Measurements and Networking. p. 117-120, Napoli, 7-8 ottobre 2013
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- 16) G. ANDRIA, ATTIVISSIMO F, A. DI NISIO, G. GUGLIELMI, A. M. L. LANZOLLA, R. TERLIZZI (2013). Diagnostic radiography: an experimental study for estimation of optimal patient dose. In: INSTRUMENTATION AND MEASUREMENT FOR LIFE, p. 11-15
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- 20) ANDRIA G, ATTIVISSIMO F, CAVONE G, GIAQUINTO N, LANZOLLA A. M. L (2012). Linear Filtering of 2-D wavelet coefficients for denoising ultrasound medical images. MEASUREMENT, vol. 45, p. 1792-1800, ISSN: 0263-2241, doi: 10.1016/j.measurement.2012.04.005
- 21) CATALDO A, CANNAZZA G, GIAQUINTO N, TROTTA A, ANDRIA G (2012). Microwave TDR for real-time control of intravenous drip infusions. IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT, vol. 61, p. 1866-1873, ISSN: 0018-9456, doi: 10.1109/TIM.2012.2192346
- 22) ANDRIA G, ATTIVISSIMO F, LANZOLLA A (2012). Performance of Wavelet Function in Ultrasound Image Denoising. In: Proc. of MeMeA 2012. p. 145-148, ISBN: 978-1-4673-0880-9, Budapest, May 18-19, 2012, doi: 10.1109/MeMeA.2012.6226667
- 23) G. ANDRIA, ATTIVISSIMO F, A. M. L. LANZOLLA, M. SAVINO (2012). Wavelet Based Methods for Speckle Reduction in Ultrasound Images. In: Proc. of I2MTC/12 International Instr. & Meas. Techn.Conf. p. 1722-1725
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- 29) ANDRIA G, F. ATTIVISSIMO, G. CAVONE, A.M.L. LANZOLLA (2009). Denoising Filter to Improve the Quality of CT Images. In: I2MTC 2009 Instr. & Meas. Techn.Conf. ISBN: 9781424433537, Singapore, May 5-7, 2009
- 30) ANDRIA G, F. ATTIVISSIMO, G. CAVONE, A.M.L. LANZOLLA (2009). Acquisition Times in Magnetic Resonance Imaging: Optimization in Clinical Use. IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT, vol. 58, p. 3140-3148, ISSN: 0018-9456
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Funding acquisition

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1. PROJECT PONa3_00298 << STRENGTHENING OF STRUCTURES AND EQUIPMENT SCIENTIFIC AND TECHNOLOGICAL POLE OF SCIENCE AND TECHNOLOGY "Magna Grecia" >> (three-year project funded entirely by the Ministry of Education - 2012-2015)
2. PROJECT "DI.TR.IM.MIS. - DISSEMINATION TECHNOLOGY TRANSFER TO BUSINESSES OF MEASURES", within the RIDITT program (three-year project funded by MISE and MIUR - 2012-2015)
3. "DEVELOPMENT OF METHODS FOR THE CHARACTERISATION AND CORRECTION OF ERRORS IN THE STATIC CONVERSION A/D and D/A, WITH PARTICULAR REGARD TO THE BUILT-IN SELF-TEST AND TO SELF-CALIBRATION" (two-year project co-funded - PRIN 2008)
4. "TEST METHODS FOR CHARACTERIZATION AND INCREASE OF CHANNELS PERFORMANCE CONVERSION A/D and D/A" (two-year project co-funded - PRIN 2006)
5. "METHODOLOGIES FOR CHARACTERIZATION OF DIGITAL DO ALL IN THE ENVIRONMENTAL CONTROL" (co-financed - PRIN 2002 biennial Project)
6. "TEST METHODS FOR CHARACTERIZATION OF DIGITAL EQUIPMENT AUTOMATIC" (co-funded two-year project - PRIN 2003)
7. "STANDARDIZATION OF METHODS FOR TESTING AND CHARACTERIZATION OF ADVANCED DIGITAL EQUIPMENT AUTOMATIC" (co-funded two-year project - PRIN 2001)
8. TRAINING PROJECT "OF INDUSTRIAL WASTE MANAGEMENT" (P.O.N. 2000-2006 Production managed by ENEL S.p.A.)
9. HIGHER EDUCATION PROJECT "T.E.L.M.A. - TECHNICAL EXPERTS FOR METROLOGICAL LABORATORY ACCREDITED" (2000-2006 P.O.N. managed by the University of Naples" Federico II ")
10. PROJECT FOR THE CONSTRUCTION OF A "PORTAL E-LEARNING FOR THE COURSES OF ELECTRICAL AND ELECTRONIC MEASUREMENTS" (2000-2006 P.O.N. managed by the University of Sannio)