

		<b>PUBBLICAZIONI E CONGRESSI</b>
<b>Anno</b>	<b>AUTORI / TITOLO / EDITORE</b>	
#1	1991	<i>Ettinger KV, Izzo G, Magrini A, Holowacz J, Necci P, Canichella A, Franconi C</i> <b>Control and Stabilization Circuits for Multiwire Proportional Chamber.</b> Topics on Biomedical Physics. Genova, 24-28/06/1991, p. 416-417
#2	1991	<i>Holowacz J, Izzo G, Ettinger KV, Magrini A, Vannucci I, Canichella A</i> <b>Programming the Autonomous Operation of a Multiwire Propotional Chamber.</b> VI Congresso Nazionale AIFB. Genova, 24-28/06/1991
#3	1992	<i>Ribeiro Simões Souza M, Holowacz J, Canichella A</i> <b>Characterization of Polyvinyl Alcohol, Polyethylene and Other Polymers as Materials for Interface Dosimetry.</b> VI Convegno Nazionale SIRR. 19-22/10/1992
#4	1993	<i>Ettinger KV, Izzo G, Holowacz J, Canichella A, Soriani A</i> <b>Some Local Radical Densities in Irradiated Solids.</b> III° Convegno Nazionale del Gruppo Italiano di Risonanza di Spin Elettronico. Alghero, 24-27/09/1993, p. 52-53
#5	1994	<i>Ribeiro M, Holowacz J, Canichella A, Ettinger KV.</i> <b>Characterization of Polyvinyl Alcohol, Polyethylene and Other Polymers as Materials for Interface Dosimetry.</b> PHYSICA MEDICA, vol. 10, p. 1120-1797, ISSN: 1120-1797
#6	1994	<i>Ribeiro Simões Souza M, Holowacz J, Canichella A, Ettinger KV</i> <b>Characterization of Polyvinyl Alcohol, Polyethylene and Other Polymers as Materials for Interface Dosimetry.</b> PHYSICA MEDICA, vol. 10, p. 6-8, ISSN: 1120-1797
#7	1994	<i>Izzo G, Ettinger KV, Nicoletti B, Holowacz J, Trivisonne S, Bordi F, Canichella A, Agnolin S</i> <b>Investigation of Radiation Damages in DNA, Using Trapped Species.</b> Joint Conf. SIRR, AIFB, GIR. Pisa, 11/1994
#8	1995	<i>Ettinger KV, Canichella A</i> <b>Absolute non Invasive Measurements of Kilovoltage for X-Ray Tubes by Means of X-Ray Fluorescence.</b> I° Congresso Nazionale AIFS Perugia, 11-13/11/1995, ELLERA UMBRA: EraNuova
#9	1995	<i>Ettinger KV, Izzo G, Holowacz J, Soriani A, Trivisonne S, Canichella A, Agnolin S</i> <b>Trapped Species: Radicals, Electrons and Their Clusters as Indicator of Radiation Damages in DNA.</b> 4th International Symposium on ESR Dosimetry and Application. Monaco, Germania, maggio 1995
#10	1996	<i>Gentili S, Iacoviello G, Canichella A, Franconi C, Caruso I</i> <b>Peculiarità dell'Ipertermia a Radiofrequenza in Medicina Riabilitativa.</b> I° Convegno Nazionale di Medicina Fisica e Riabilitazione per Ufficiali Medici in Servizio Permanent. Roma, 26/11/1996, p. 103-109
#11	1997	<i>Iacoviello G, Gentili S, Canichella A, Necci P, Caruso I, Franconi C</i> <b>Low EM Risk, Effective and Versatile Hyperthermia Applicators for Routine Treatments.</b> MEDICAL & BIOLOGICAL ENGINEERING & COMPUTING, vol. 35, ISSN: 0140-0118
#12	1997	<i>Gentili S, Iacoviello G, Canichella A, Franconi C, Caruso I</i> <b>Il Trattamento Ipertermico Riabilitativo della Sindrome da Impingement Mediante SIA-R.</b> 10° Congresso Europeo di Medicina Fisica e Riabilitazione. Pontificia Università Urbaniana. Roma, 1-4/06/1997
#13	1998	<i>Voles O, Canichella A, Gentili S, Franconi C</i> <b>Inductive Shielded Applicators for Rehabilitation Treatments.</b> 17th Annual Meeting of the European Society for Hyperthermic Oncology. Centre Alexis Vautrin, Nancy, Francia, 3-5/09/1998
#14	1998	<i>Voles O, Canichella A, Gentili S, Franconi C</i> <b>New Generation of Inductive Applicators for Rehabilitation Treatments.</b> International Symposium on Electromagnetic Fields in Biological Systems. Praga, Repubblica Ceca, 13-16/09/1998

#15	1999	<i>Gentili S, Voles O, Staderini EM, Canichella A, Caruso I, Franconi C</i> <b>Trattamento di Lombalgie Croniche con Ipertermia Profonda Selettiva.</b> XXVII Congresso Nazionale S.I.M.F.E.R.. 16-20/06/1999
#16	2001	<i>Martucci M, Gatti A, Silvi MB, De Angelis V, Sorrenti D, Cati G, Pagnozzi B, Rullo R, Franconi C, Montecchia F, Canichella A</i> <b>Mechanical Ventilators: a Third Generation Prototype Proposal.</b> MINERVA, vol. 67, ISSN: 0213-9634
#17	2002	<i>Montecchia F, Canichella A, Sabato Af, Davoli M.</i> <b>Hardware Programmabile per Applicazioni Cliniche.</b> AUTOMAZIONE E STRUMENTAZIONE, vol. luglio/agosto, p. 74-82, ISSN: 0005-1284
#18	2002	<i>Guerrisi M, Vannucci I, Canichella A, Gentili S, Voles O, Franconi C</i> <b>In vivo assessment of heat-induced changes in tissue by impedance spectroscopy.</b> 2nd European Medical & Biological Engineering Conference. Vienna, Austria, 4-8/12/2002, p. 132-133
#19	2005	<i>Guerrisi M, Canichella A, Montecchia F.</i> <b>ADVANCED LUNG-VENTILATOR SYSTEM (ALVS) FOR CONTROLLED BREATHING OPTIMIZATION.</b> IFMBE PROCEEDING. Prague, Czech Republic, 2005
#20	2005	<i>Guerrisi M, Montecchia F, Canichella A</i> <b>Advanced Lung-Ventilator System (ALVS) for controlled Breathing Optimization.</b> The 3rd European Medical and Biological Engineering Conference EMBEC 05. Praga, Repubblica Ceca, 20-25/11/2005
#21	2005	<i>Guerrisi M, Toschi N, Canichella A, Vannucci I</i> <b>Model Analysis of Respiratory Modulation of Heart Haemodynamics.</b> European Medical and Biological Engineering Conference. Prague, (Czech Republic, November 20-25, 2005, vol. 11, IFMBE
#22	2006	<i>Canichella A.</i> <b>Accessibilità e usabilità dei siti internet: strumenti e nuove regole.</b> "Progetto 104" Università degli Studi di Roma Tor Vergata. p. 27-34, ROMA:Aracne, ISBN: 88-901556-9-8
#23	2006	<i>Guerrisi M, Vannucci I, Canichella A, Toschi N</i> <b>A human cardiovascular system model applied to the analysis of high-performance physical activity.</b> 1st Conference: Movements as prevention and health. Villa Mondragone, Frascati, 25-27/09/2006, p. 36
#24	2006	<i>Guerrisi M, Vannucci I, Canichella A, Toschi N</i> <b>An experimental framework to assess the impact of physical exercise on peripheral arterial elasticity.</b> 1st Conference: Movements as prevention and health. Villa Mondragone, Frascati, 25-27/09/2006, p. 35
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#29	2010	<p><i>Toschi N, Ferrario M, Aletti F, Coniglione F, Canichella A, Sabato E, della Badia Giussi F, Dauri M, Sabato AF, Signorini MG, Baselli G, Cerutti S, Guerrisi M.</i></p> <p><b>Haemodynamic Monitoring: a Pilot Study on Integrated Data Collection, Processing and Modelling for Extracting Vital Signs and Beyond.</b></p> <p>ISABEL - Sustainable Communication and Biomedical Technologies. Roma (Italy), 7-10 Nov. 2010, Rome:ISABEL 2010</p>
#30	2011	<p><i>Ferrario M, Aletti F, Toschi N, Canichella A, Coniglione F, Sabato E, Della Badia Giussi F, Dauri M, Sabato AF, Guerrisi M, Cerutti S.</i></p> <p><b>Arterial blood pressure regulation following aorta clamping and declamping during surgery.</b></p> <p>33rd Annual International Conference of the IEEE Engineering in Medicine and Biology Society. Boston, MA, USA, USA:IEEE Engineering in Medicine &amp; Biology Society</p>
#31	2011	<p><i>Dorantes Mendez G, Aletti F, Toschi N, Canichella A, Coniglione F, Sabato E, Della Badia Giussi F, Dauri M, Sabato AF, Guerrisi M, Baselli G, Signorini MG, Cerutti S, Ferrario M.</i></p> <p><b>Estimation of barofles sensitivity during anesthesia induction with propofol.</b></p> <p>33rd Annual International Conference of the IEEE Engineering in Medicine and Biology Society. Boston, USA, August 30 - September 3, 2011, USA:IEEE Engineering in Medicine &amp; Biology Society</p>
#32	2011	<p><i>Toschi N, Duggento A, Canichella A, Kokalari I, Coniglione F, Dauri M, Sabato AF, Guerrisi M.</i></p> <p><b>Intra- and inter-beat modeling of cardiovascular dynamics and control: assessing haemodinamic stability and responsiveness.</b></p> <p>XCVII Congresso Nazionale Società Italiana di Fisica. L'Aquila, Italy, 26-30 settembre 2011, p. 90, PISA:SIF Società Italiana di Fisica</p>
#33	2011	<p><i>Toschi N, Duggento A, Canichella A, Coniglione F, Dauri M, Sabato AF, Guerrisi M</i></p> <p><b>Intra- and inter-beat modeling of cardiovascular dynamics and control: assessing haemodinamic stability and responsiveness.</b></p> <p>33rd Annual International Conference of the IEEE Engineering in Medicine and Biology Society. Boston, MA, USA, August 30 - September 3, 2011, USA:IEEE Engineering in Medicine &amp; Biology Society</p>
#34	2011	<p><i>Ferrario M, Aletti F, Dorantes Mendez G, Toschi N, Guerrisi M, Canichella A, Cerutti S, della Badia Giussi F, Sabato E, Coniglione F, Dauri M, Sabato AF.</i></p> <p><b>Intraoperative monitoring of cardiovascular autonomic control responsiveness.</b></p> <p>10th International Conference on Complexity in Acute Illness (ICCAI). Bonn (Germany), 8th -11th septh 2011, Bonn:Universitat Bonn-ILB Press, Bonn</p>
#35	2011	<p><i>Duggento A, Guerrisi M, Canichella A, Coniglione F, Dauri M, Sabato AF, Toschi N.</i></p> <p><b>Modeling neural control of heart rate under a stochastic regime: parameter distribution sampling and patient-specific model adaptation for clinical inference in the critically ill.</b></p> <p>Scientific Program &amp; Abstract 10th International Conference on Complexity in Acute Illness (ICCAI). Bonn (Germany), 8th -11th septh 2011, p. 31-32, BONN:University of Bonn-ILB Press</p>
#36	2013	<p><i>Dorantes Mendez G, Aletti F, Toschi N, Canichella A, Dauri M, Coniglione F, Guerrisi M, Signorini M, Cerutti S, Ferrario M.</i></p> <p><b>Baroreflex sensitivity variations in response to propofol anesthesia: comparison between normotensive and hypertensive patients.</b></p> <p>JOURNAL OF CLINICAL MONITORING AND COMPUTING, vol. 27, p. 417-426, ISSN: 1387-1307, doi: 10.1007/s10877-012-9426-1</p>
#37	2014	<p><i>Ferrario M, Pala S, Aletti F, Toschi N, Canichella A, Guerrisi M, Coniglione F, Baselli G, Dauri M.</i></p> <p><b>Fluid responsiveness in liver surgery: comparisons of different indices and approaches.</b></p> <p>JOURNAL OF COMPUTATIONAL SURGERY, vol. 1, ISSN: 2194-3990, doi: 10.1186/2194-3990-1-6</p>
#38	2015	<p><i>Duggento A, Toschi N, Canichella A, Vannucci I, Guerrisi M.</i></p> <p><b>Stability and responsiveness of the cardiovascular system under a physiologically inspired baroreflex model.</b></p> <p>JOURNAL OF MECHANICS IN MEDICINE AND BIOLOGY, vol. 15, 1540014, ISSN: 0219-5194, doi: 10.1142/S021951941540014X</p>
#39	2015	<p><i>Prasad V, Toschi N, Canichella A, Marcellucci M, Coniglione F, Dauri M, Guerrisi MG, Heldt T</i></p> <p><b>Intraoperative hemodynamics predict postoperative mortality in orthotopic liver transplantation.</b></p> <p>37th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 25-29 Aug. 2015 - Milan, p. 989-992, ISSN: 1094-687X, DOI: 10.1109/EMBC.2015.7318530</p>

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