

**PUBBLICAZIONI INTERNAZIONALI 2006-2010**

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2. CALANDRA-BONAURA G, N. TOSCHI, P. TINUPER, F. PROVINI, F. BISULLI, I. CORAZZA, G. BARLETTA, P. MONTAGNA, **GUERRISI M.**, P. CORTELLI (2010). Heart rate variability during nocturnal frontal lobe epilepsy seizures: a wavelet analysis approach. *CLINICAL AUTONOMIC RESEARCH*, vol. 20; p. 127, ISSN: 0959-9851
3. TOSCHI N, CORAZZA I, BARLETTA G, CECERE A, CALANDRA-BONAURA G, **GUERRISI M.**, P. CORTELLI (2010) Heart rate variability analysis through wavelet decomposition: validation and new perspectives. *CLINICAL AUTONOMIC RESEARCH*, vol. 20; p. 151, ISSN: 0959-9851
4. CALANDRA BONAURA G, N. TOSCHI, F. PROVINI, F. BISULLI, Corazza I, Barletta G, P. MONTAGNA, **GUERRISI M.**, P. CORTELLI, P. TINUPER (2010). Wavelet analysis of heart rate changes before ictal asystole in a patient with nocturnal seizures. *CLINICAL AUTONOMIC RESEARCH*, vol. 20; p. 127, ISSN: 0959-9851
5. **GUERRISI M**, TOSCHI N (2009). Ventricular interaction and cardiac pathologies in a thick shell model of cardiac chamber deformation. *JOURNAL OF MECHANICS IN MEDICINE AND BIOLOGY*, vol. 9; p. 31-48, ISSN: 0219-5194
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7. TOSCHI N, WELT T, **GUERRISI M.**, KECK ME (2009). Transcranial magnetic stimulation in heterogeneous brain tissue: clinical impact of focality, reproducibility and true sham stimulation. *JOURNAL OF PSYCHIATRIC RESEARCH*, vol. 43(3); p. 255-264, ISSN: 0022-3956
8. **GUERRISI M.**, VANNUCCI I, KARAJA T, TOSCHI N (2008). Investigation of Mechanical Cardiorespiratory Interactions through combined structural and functional modelling. *COMPUTERS IN CARDIOLOGY*, vol. 35; p. 141-144, ISSN: 0276-6574
9. TOSCHI N, **GUERRISI M.** (2008). Interventricular coupling coefficients in a thick shell model of passive cardiac chamber deformation. *MEDICAL & BIOLOGICAL ENGINEERING & COMPUTING*, vol. 46(7); p. 637-648, ISSN: 0140-0118

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16. TOSCHI N, GIANNELLI M, BELMONTE G, GUERRISI M: Diffusion Tensor Imaging through orthogonal tensor invariants and generalized differential operators. *VI International Congress of AIFM, Reggio Emilia, Italy (2009)*
17. TOSCHI N, VANNUCCI I, ANNINO G, PALANTE M, D'OTTAVIO S, GUERRISI M: Characterisation of mechanical and neuromuscular response to multi-frequency Whole Body Vibration training. *World Congress on Medical Physics and Biomedical Engineering, Berlino, 2009*
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19. GUERRISI M, VANNUCCI I, CANICHELLA A, TOSCHI N: *An experimental framework to assess peripheral arterial elasticity* Xth Congress: European Federation of Organisations for Medical Physics, Castelvecchio Pascoli (LU), Italy, 2007, p. 38
20. GUERRISI M, TOSCHI N: Diastolic ventricular interaction and respiration in a thick shell model of cardiac chambers. Xth Congress: European Federation of Organisations for Medical Physics, Castelvecchio Pascoli (LU), Italy, 2007, p. 41
21. TOSCHI N, GUERRISI M, WELT T, KECK ME: An accurate reconstruction of the conductive phenomena elicited by transcranial magnetic stimulation in heterogeneous brain tissue Xth Congress: European Federation of Organisations

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