

Curriculum Vitae

INFORMAZIONI PERSONALI

Nome CESARE
Cognome GAGLIARDO
Recapiti Sezione di Scienze Radiologiche (DIBIMED) - AOUP giaccone di Palermo
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FORMAZIONE TITOLI

Graduated in Medicine and Surgery in July 2006 at the University of Palermo presenting the thesis "Functional MR diffusion sequences in acute ischemic stroke".

Qualified as a Medical Doctor in February 2007.

Qualified as a Radiologist at the University Hospital of Palermo in August 2011 presenting the thesis "Grading of brain gliomas: role of combined perfusion and spectroscopy MR sequences in comparison to conventional MR imaging".

Ph.D. in Neuroscience and Behavior Disorders at the University of Palermo since March 2015 (thesis "Voxel-based morphometry study in patients with Mild Cognitive Impairment, Alzheimer's disease and Parkinson's disease").

2012-2015: Research fellow (fellowship in "Optimization of Magnetic Resonance techniques for guiding and monitoring therapy with Focused Ultrasounds") at the Radiology Section of University of Palermo in collaboration with the Department of Radiological, Oncological and Pathological Sciences of Sapienza University of Rome.

2016: Research fellow within the TRANS-FUSIMO Project of the Seventh Framework Programme that aims at the clinical translation of the patient specific model for planning and conducting MRgFUS therapy of in moving organs.

ATTIVITA' DIDATTICA

He has lectured to students of many degree courses (medicine and surgery school, physiotherapy, neurology, orthopedics, neuropsychiatry and radiographers).

RICERCHE FINANZIATE

Project: PRIN 2010-2011

Role: Collaborator

Original Title: Sviluppo ed applicazione di nuovi materiali dosimetrici per radiazioni ionizzanti.

Scientific Coordinator: D'Errico Francesco / Marrale Maurizio

ASSOCIAZIONI SCIENTIFICHE

Italian Society of Medical Radiology (SIRM)

Italian Society of Diagnostic and Interventional Neuroradiology (AINR)

European Society of Neuroradiology (ESNR).

European Focused Ultrasound Charitable Society (EUFUS).

PUBBLICAZIONE

2011 Sudden Sensorineural Hearing Loss as Prodromal Symptom of Anterior Inferior Cerebellar Artery Infarction
2013 A semi-automatic multi-seed region-growing approach for uterine fibroids segmentation in MRgFUS treatment
2013 Intratumoral Haemorrhage Causing an Unusual Clinical Presentation of a Vestibular Schwannoma
2013 Ultrasound-guided intervention for hip joint
2014 Correlation between ferrous ammonium sulfate concentration, sensitivity and stability of Fricke gel dosimeters exposed to clinical X-ray beams
2014 Long-lasting coma
2014 NMR relaxometry measurements of Fricke gel dosimeters exposed to neutrons
2014 Neuronavigation-guided biopsy for differential diagnosis of pseudotumoral demyelinating brain lesions
2014 Presacral Myelolipoma - A Case Report and Literature Review
2014 Referenceless Thermometry using Radial Basis Function Interpolation
2014 Semi-Automatic Volumetric Segmentation of the Upper Airways in Patients with Pierre Robin Sequence
2015 Is there still a role for lesioning in functional neurosurgery- the Italian experience of delivering focused ultrasound high energy through a 1,5 tesla MR apparatus
2015 Isolated, subtle, neurological abnormalities in neurologically and cognitively healthy aging subjects
2015 Physics, Techniques and Review of Neuroradiological Applications of Diffusion Kurtosis Imaging
2015 Radial Basis Function Interpolation for Referenceless Thermometry Enhancement
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2016 An edge-driven 3D region growing approach for upper airways morphology and volume evaluation in patients with Pierre Robin sequence
2016 Non-invasive trans-cranial magnetic resonance imaging-guided focused ultrasounds surgery to treat neurologic disorders
2016 Preoperative evaluation of peripheral nerve injuries- What is the place for ultrasound
2016 The Presence of White Matter Lesions Is Associated With the Fibrosis Severity of Nonalcoholic Fatty Liver Disease

AMBITI DI RICERCA

Neuroradiologist trained at the University of Palermo; PhD in Neuroscience and Behavioral Disorders. In recent years has been engaged in research and clinical applications of MRI-guided high intensity focused ultrasound thanks to a key collaboration with Sapienza University of Rome.