

# European CURRICULUM VITAE



## PERSONAL INFORMATION

Name and Surname, academic titles **GIUSEPPE LANZA, MD PHD MSc FACAdTM PCTM, FSASS**  
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e-mail address [gianza@oasi.en.it](mailto:gianza@oasi.en.it)  
Nationality ITALIAN  
Year of birth 1982  
Current position Associate Professor, Chief Research Unit, Consultant Neurologist

## WORK EXPERIENCES

- Dates (from – to) *FROM NOVEMBER 2021*
- Name and address of employer University of Catania, Catania (Italy)
- Type of business or sector Sciences of Health Professions, Department of General Surgery and Medical-Surgical Specialties. Associate Professor of Applied Medical Sciences Techniques; teaching courses: Speech Therapist (3 teaching courses); Techniques of Medical Radiology, Imaging, and Radiotherapy (1 teaching course); Physiotherapy (1 teaching course); Occupational Therapy (1 teaching course); Rehabilitation Sciences for the Health Professions (1 teaching course); Specialization school in Orthodontics (1 teaching course)
- Occupation or position held Associate Professor, Dean of the academic field “Applied Medical Sciences Techniques”
- Main activities and responsibilities Research and didactic activities, integrative teaching, and service to students. Member of the Permanent Departmental Commission for Quality Assurance, the Didactic Commission, and the Subcommittee for Research. Member of the Quality Committee of the Professional Activities Committee, Speech Therapy and Occupational Therapy Degree Courses. Vice-President, Member of the Quality Committee, and Member of License Exam and Degree Course Ceremony Committee, Physiotherapy and Occupational Therapy Degree Courses, Academic field: 06/N1 (Sciences of Health Professions and Applied Medical Sciences Techniques). Member of the License Exam and Degree Course Ceremony Committee, Medicine and Surgery Degree Course. Member of the Steering Committee, Physiotherapy Degree Course. Reference teacher: Speech Therapy; Rehabilitation Sciences of the Health Professions.
  
- Dates (from – to) *FROM DECEMBER 2020 TO NOVEMBER 2021 AND FROM OCTOBER 2022 TO TODAY*
- Name and address of employer University of Catania, in agreement with the Oasi Research Institute – IRCCS, Troina (Italy) – Collaborating Center of the World Health Organization (WHO) for Research and Training in Neuroscience.
- Type of business or sector Department of Neurology IC
- Occupation or position held Consultant Neurologist
- Main activities and responsibilities Clinical and Lab activities, neurodegenerative diseases, sleep disorders, epilepsy, basic and clinical research
  
- Dates (from – to) *FROM NOVEMBER 2018 TO OCTOBER 2021*
- Name and address of employer University of Catania, Catania (Italy)
- Type of business or sector Sciences of Health Professions, Department of General Surgery and Medical-Surgical Specialties. Assistant professor of Applied Medical Sciences Techniques; teaching courses: Speech Therapist (2 teaching courses); Techniques of Medical Radiology, Imaging, and Radiotherapy (1 teaching course); Physiotherapy (1 teaching course); Occupational Therapy (1 teaching course)
- Occupation or position held Senior Academic Researcher
- Main activities and responsibilities Research and didactic activities, integrative teaching, and service to students. Member of the Quality Committee and Professional Activities Committee, Speech Therapy Degree Course. Member of the Quality Committee, Physiotherapy Degree Course Academic field: 06/N1

(Sciences of Health Professions and Applied Medical Sciences Techniques). Referent of the Minister of University and Research (MUR) during the Physiotherapy License exam and Degree Course Ceremony Committee (April 20-21, 2021); Component of the Speech Therapy License exam and Degree Course Ceremony Committee (October 21-22, 2021)

- Dates (from – to) *FROM MAY 2013 TO OCTOBER 2018*
- Name and address of employer Oasi Research Institute – IRCCS. Via Conte Ruggero, 73 – 94018, Troina (Italy) – Collaborating Center of the World Health Organization (WHO) for Research and Training in Neuroscience.  
Department of Neurology IC  
Consultant Neurologist and Clinical Researcher
- Type of business or sector
- Occupation or position held
- Main activities and responsibilities Clinical and Lab activities, neurodegenerative diseases, sleep disorders, epilepsy, basic and clinical research

- Dates (from – to) *FROM MARCH 2008 TO MARCH 2013*
- Name and address of employer School of Neurology, University of Catania. Via Santa Sofia, 78 – 95123, Catania (Italy)  
Neurology Unit, “Policlinico – Vittorio Emanuele” University Hospital, Catania (Italy)  
Acute Cerebrovascular Disease Unit, “Policlinico – Vittorio Emanuele” University Hospital, Catania (Italy)
- Type of business or sector
- Occupation or position held Resident in Neurology
- Main activities and responsibilities Clinical care, Clinical Neurophysiology, Neurosonology, clinical and basic research

- Dates (from – to) *FROM MARCH 2013 TO OCTOBER 2018*
- Name and address of employer Outpatient Clinic “Casa Salute”, Vizzini (Italy)  
Outpatient Clinic “Centro Polispecialistico Multimedical”, Misterbianco (Italy)
- Type of business or sector Associated Medical Specialties
- Occupation or position held Neurology Specialist
- Main activities and responsibilities Clinical duties, neurological examinations

- Dates (from – to) *FROM SEPTEMBER TO NOVEMBER 2013*
- Name and address of employer University of Catania, Catania (Italy)  
Department of Electrical, Electronic and Computer Engineering
- Type of business or sector
- Occupation or position held Assistant Investigator
- Main activities and responsibilities Clinical support to Transcranial Magnetic Stimulation (TMS), Electroencephalography (EEG) and their integration for the experimental study of the processes underlying neurotransmission and neuroplasticity involved in the regulation and deterioration of cognitive functions.

- Dates (from – to) *FROM OCTOBER 2015 TO OCTOBER 2018 AND FROM NOVEMBER 2021 TO OCTOBER 2023*
- Name and address of employer “Kore” University of Enna, Enna (Italy)  
School of Motor and Sport Activities Sciences
- Type of business or sector
- Occupation or position held Contract Professor of Neurology, academic years 2015-2016, 2016-2017, 2017-2018, 2021-2022, and 2022-2023
- Main activities and responsibilities Lessons and exams of Neurology. Supervisor of students’ dissertation. Teacher at seminar.

## **EDUCATION AND TRAINING**

- Dates (from – to) *2001-2017*
- Name and type of organization providing education and training Minister of University and Research, University of Catania, Catania (Italy)
- Principal subjects/occupational skills covered General Neurology, Cerebrovascular diseases, Dementia and other Cognitive Disorders, Neurosonology, Neurophysiology, and Transcranial Magnetic Stimulation
- Title of qualification awarded
  - *October 2007*: Medical Degree at the University of Catania (degree mark: 110 /110 *cum laude* and proposal to the “*Barbagallo Award*”). Dissertation title: “Evaluation of the possible effect of repetitive Transcranial Magnetic Stimulation on the cognitive aspects of Alzheimer’s disease” – Supervisor: Prof. Giovanni Pennisi
  - *February 2008*: License to practice (license mark: 27.000/27.000).
  - *March 2013*: Specialization in Neurology at the University of Catania (degree mark: 70 /70 *cum laude*). Dissertation title: “Vascular Cognitive Impairment: a Transcranial Magnetic Stimulation Study” – Supervisor: Prof. Rita Bella
  - *February 2017*: International PhD in “*Basic and applied biomedical sciences*” (XXIX Program),

University of Catania, Catania (Italy). Dissertation title: "Identification of early neurophysiological markers related to cognitive-behavioral disorders and progression of Vascular Cognitive Impairment: a Transcranial Magnetic Stimulation study" – Supervisor: Prof. Giovanni Pennisi

- From November 2017: National Scientific Qualification as Associate Professor (procedure for the Italian University Professor position recruiting, based on scientific qualification criteria) – Academic field: 06/N1 (Sciences of Health Professions and Applied Medical Techniques)
- From June 2020: National Scientific Qualification as Full Professor (procedure for the Italian University Professor position recruiting, based on scientific qualification criteria) – Academic field: 06/N1 (Sciences of Health Professions and Applied Medical Techniques)
- From April 2021: National Scientific Qualification as Associate Professor (procedure for the Italian University Professor position recruiting, based on scientific qualification criteria) – Academic field: 06/D6 (Neurology)
- June 2021: CME-based Advanced Course on Dementia

- Dates (from – to) *From March 2008*
- Name and type of organization Official Register of Physicians of Catania (Italy)
- Principal subjects/occupation Full Registration
  
- Dates (from – to) *From June 2012*
- Name and type of organization General Medical Council (UK)
- Principal subjects/occupational skills covered Full Registration to the as a Medical Practitioner; registration on the Principal List of the Register of Medical Practitioner
  
- Dates (from – to) *March 2013*
- Name and type of organization European Federation of Neurological Societies (EFNS)
- Principal subjects/occupational skills covered Selected participant for one the six Scientific Fellowship 2013; Project Title: "Visual hallucinations in dementia with Lewy bodies: a combined TMS/EEG study"
  
- Dates (from – to) *From January to October 2017*
- Name and type of organization Pegaso e-University (Italy), academic year 2016-2017
- Principal subjects Master of Science in "*Clinical Research in Healthcare*" (degree mark: 30/30)
  
- Dates (from – to) *From October 2002 to December 2003*
- Name and type of organization providing education and training Section of General and Cellular Biology and Molecular Genetics, Department of Biomedical Sciences, University of Catania, Catania (Italy)
- Principal subjects/occupational skills covered Internship; participation to academic and scientific activities
  
- Dates (from – to) *July 2004*
- Name and type of organization providing education and training International Federation of Medical Students Associations (IFMSA) at Sahlgrenska University Hospital, Gothenburg (Sweden)
- Principal subjects/occupational skills covered Professional exchange program, participation to clinical, academic and scientific activities
  
- Dates (from – to) *August 2005*
- Name and type of organization providing education and training International Federation of Medical Students Associations (IFMSA) at Toho University Omori Hospital, Tokyo (Japan)
- Principal subjects/occupational skills covered Professional exchange program, participation to clinical, didactic and scientific activities
  
- Dates (from – to) *August 2006*
- Name and type of organization providing education and training International Federation of Medical Students Associations (IFMSA) at Ioannina University Hospital, Ioannina (Greece)
- Principal subjects/occupational skills covered Professional exchange program, participation to clinical, academic and scientific activities

- Dates (from – to) *From November 2006 to the February 2008*
- Name and type of organization providing education and training *Neurology Unit, Policlinico University Hospital, University of Catania, Catania (Italy)*
- Principal subjects/occupational skills covered *Internship; participation to clinical, academic and scientific activities*
  
- Dates (from – to) *From January to July 2009*
- Name and type of organization providing education and training *Neuroradiology Unit, Policlinico University Hospital, University of Catania, Catania (Italy)*
- Principal subjects/occupational skills covered *Training in Neuroradiology; participation to clinical, academic and scientific activities*
  
- Dates (from – to) *September 2011*
- Name and type of organization providing education and training *Neurology Unit, Sant'Andrea Civic Hospital, NHS ASL n. 5 "Spezzino", La Spezia (Italy)*
- Principal subjects/occupational skills covered *Training in Neurovascular medicine, stroke care and Neurosonology; participation to clinical, academic and scientific activities*
  
- Dates (from – to) *From September 2012 to March 2013*
- Name and type of organization providing education and training *- Department of Clinical Neurophysiology, Royal Victoria Infirmary, Newcastle University, Newcastle-upon-Tyne (UK)*
- Principal subjects/occupational skills covered *Training in Clinical Neurophysiology (EMG, EEG, Evoked Potentials, sleep study); participation to clinical, academic and scientific activities*
- Institute of Neuroscience, Newcastle University, Newcastle-upon-Tyne (UK)*
- Clinical Research Fellow. Project title: "Study of the corticomuscular coherence in subjects under the rubber hand illusion", Laboratory of Movement Control*
  
- Dates (from – to) *From 8 to 13 September 2014*
- Name and type of organization providing education and training *Selected participant at the "2nd TMS-EEG Summer School: Probing Brain Dynamics", promoted by the Department of Biomedical Engineering and Computational Science (BECS) at Aalto University School of Science, Helsinki (Finland)*
  
- Dates (from – to) *From July 25 to August 07, 2021*
- Name and type of organization providing education and training *Participant at the "A Comprehensive Review of Movement Disorders for the Clinical Practitioner" promoted by The International Parkinson and Movement Disorder Society (MDS)*

**PERSONAL SKILLS AND COMPETENCES**

MOTHER TONGUE  
OTHER LANGUAGES

ITALIAN

- Reading/Writing/Verbal skills
- Reading/Writing/Verbal skills

- ENGLISH ("FIRST" CERTIFICATE OF UNIVERSITY OF CAMBRIDGE – ESOL EXAMINATION)  
EXCELLENT  
- FRENCH  
BASIC

**SOCIAL SKILLS AND COMPETENCES**

I ACTIVELY WORK IN TEAM WITH MEDICAL AND PARAMEDICAL STAFF IN PATIENT CARE AND IN CLINICAL AND SCIENTIFIC ACTIVITIES. I COLLABORATE WITH CLINICIANS AND RESEARCHERS FROM OTHER DEPARTMENTS AND HOSPITALS FOR PATIENT CARE AND SCIENTIFIC DUTIES

**ORGANIZATIONAL SKILLS AND COMPETENCES**

I AM THE SCIENTIFIC REFERENT OF THE TMS LAB OF THE UNIVERSITY HOSPITAL OF CATANIA AND DEAL WITH CLINICAL ACTIVITIES, SCIENTIFIC PROJECTS, COLLABORATIONS, AND BUDGET ADMINISTRATION

**TECHNICAL SKILLS AND COMPETENCES**

KNOWLEDGE AND USE OF COMPUTER AND BASIC APPLICATIONS. USE OF NEUROPHYSIOLOGICAL (TMS, EMG, EEG) AND NEUROSONOLOGICAL (EPIAORTIC AND INTRACRANIC VESSELS) EQUIPMENT. ICH GOOD CLINICAL PRACTICE E6 (R2), WITH A SCORE OF 100% - E-LEARNING COURSE CERTIFIED BY THE GLOBAL HEALTH NETWORK ON JUNE 15, 2022

## DRIVING LICENSES

EUROPEAN DRIVING LICENSE, CLASS A (MOTORCYCLE) AND B (CARS)

## CONGRESS ACTIVITY

- FOUNDER MEMBER OF THE ITALIAN SOCIETY FOR THE TRANSLATIONAL RESEARCH AND HEALTH-CARE PROFESSIONS (SIRTEPS)

- COMMITTEE MEMBER OF THE ITALIAN SOCIETY OF NEUROSONOLOGY AND CEREBRAL HEMODYNAMICS (SINSEC)

- FULL MEMBER OF THE FOLLOWING SCIENTIFIC SOCIETIES:

- \* EUROPEAN ACADEMY OF NEUROLOGY (EAN)
- \* EUROPEAN STROKE ORGANIZATION (ESO)
- \* ITALIAN NEUROLOGICAL SOCIETY (SIN)
- \* ITALIAN SOCIETY OF HOSPITAL NEUROLOGISTS, NEUROSURGEONS AND NEURORADIOLOGISTS (SNO)
- \* ITALIAN SOCIETY OF PARKINSON'S AND MOVEMENT DISORDERS (LIMPE-DISMOV ETS) ("ACCADEMIA LIMPE-DISMOV")
- \* ITALIAN STROKE ASSOCIATION – ASSOCIAZIONE ITALIANA ICTUS (ISA-AII)
- \* ITALIAN ASSOCIATION AGAINST STROKE (ALICE)
- \* ITALIAN ASSOCIATION OF SLEEP MEDICINE (AIMS)
- \* ITALIAN SOCIETY OF CLINICAL NEUROPHYSIOLOGY (SINC)
- \* WORLD SLEEP SOCIETY (WSS)
- \* INTERNATIONAL NEUROMODULATION SOCIETY (INS)
- \* INTERNATIONAL RESTLESS LEGS SYNDROME STUDY GROUP (IRLSSG)
- \* ITALIAN SOCIETY OF NEUROSONOLOGY AND CEREBRAL HEMODYNAMICS (SINSEC)
- \* ITALIAN ASSOCIATION OF EMERGENCY-URGENCY NEUROLOGY (ANEU)
- \* ITALIAN ASSOCIATION OF OUTPATIENT CLINIC AND TERRITORIAL NEUROLOGISTS (AINAT)
- \* ITALIAN SOCIETY OF GENDER MEDICINE IN NEUROSCIENCES (SIMEGEN)
- \* INTERNATIONAL PARKINSON AND MOVEMENT DISORDER SOCIETY (MDS)
- \* INTERNATIONAL SOCIETY OF GLOBAL HEALTH (ISoGH)
- \* ITALIAN ASSOCIATION OF TELEMEDICINE AND MEDICAL INFORMATICS (AITIM)

- E-MEMBER OF THE AMERICAN CONGRESS OF REHABILITATION MEDICINE (ACRM)

- PARTICIPATION AT SEVERAL INTERNATIONAL, NATIONAL AND LOCAL MEETINGS AND CONFERENCES

- SPEAKER AT NATIONAL AND INTERNATIONAL CONFERENCES AND SEMINAR, INCLUDING:

- \* THE ANNUAL MEETING (MARCH 2015) OF THE WORLD ASSOCIATION OF SLEEP MEDICINE (WASM) IN SEOUL (SOUTH KOREA)
- \* THE 9<sup>TH</sup> INTERNATIONAL CONGRESS ON VASCULAR DEMENTIA (ICVD) (OCTOBER 2015) IN LJUBLJANA (SLOVENIA)
- \* THE INTERNATIONAL RLS STUDY GROUP (IRLSSG) AND EUROPEAN RLS STUDY GROUP (EU-RLSSG) RLS/WED SCIENCE SUMMIT (OCTOBER 2015) IN PACIFIC GROVE, CA – USA
- \* FOURTH NEUROMI INTERNATIONAL MEETING. BRAIN STIMULATION AND BRAIN PLASTICITY: FROM BASIC RESEARCH TO CLINICAL PRACTICE (NOVEMBER 2018) IN MILAN (ITALY)
- \* 5<sup>TH</sup> CONGRESS OF THE EUROPEAN ACADEMY OF NEUROLOGY (EAN) (JUNE 29-JULY 02, 2019) IN OSLO (NORWAY)
- \* 15<sup>TH</sup> WORLD SLEEP CONGRESS (WSC) (SEPTEMBER 2019) IN VANCOUVER (CANADA)
- \* 25<sup>TH</sup> CONGRESS OF THE EUROPEAN SLEEP RESEARCH SOCIETY (ESRS) (SEPTEMBER 2020), VIRTUAL EDITION
- \* 7<sup>TH</sup> HUAXIA INTERNATIONAL NEUROLOGY FORUM, BEIJING (CHINA), NOVEMBER 20-21, 2021
- \* 16<sup>TH</sup> WORLD SLEEP CONGRESS (WSC) (MARCH 2022) IN ROME (ITALY)
- \* 5<sup>TH</sup> ACADEMIC ANNUAL MEETING OF NEUROLOGY COMMITTEE OF CHINESE MEDICAL EDUCATION ASSOCIATION - INTERNATIONAL NEUROLOGICAL DISORDERS & NEUROPHYSIOLOGY CONFERENCE (INNOC 2022), NOVEMBER 4-6, 2022, SHIJIAZHUANG (CHINA)

- INVITED CHAIR OF THE SESSION POSTER "EPO2015 – CEREBROVASCULAR DISEASES 3" DURING THE EUROPEAN ACADEMY OF NEUROLOGY (EAN) VIRTUAL CONGRESS. JUNE 18-22, 2021

- TEACHER AT SEVERAL LOCAL, NATIONAL, AND INTERNATIONAL CME EVENTS.
- SCIENTIFIC DIRECTOR OF THE CME EVENT TITLED:
  - \* "ATYPICAL PARKINSONISM: FROM CORRECT IDENTIFICATION TO MULTIDISCIPLINARY MANAGEMENT", AT OASI RESEARCH INSTITUTE – IRCCS, TROINA, ITALY – MAY 14, 2016;
  - \* "NEW CLINICAL-PATHOPHYSIOLOGICAL ASSESSMENT OF VASCULAR DEMENTIA", AT OASI RESEARCH INSTITUTE – IRCCS, TROINA, ITALY – JUNE 17, 2017.
- ORGANIZER AND DIDACTIC REFERENT OF THE EDUCATIONAL EVENT "ASPECTS OF NEUROPSYCHOMOTRICITY AND OCCUPATIONAL THERAPY IN TEAM WORK WITH THE SPEECH THERAPY, AIMED AT STUDENTS OF SPEECH THERAPY AND OCCUPATIONAL THERAPY DEGREE COURSE, UNIVERSITY OF CATANIA, IN COOPERATION WITH THE OASI RESEARCH INSTITUTE – IRCCS, TROINA, ITALY – MAY 27, 2021
- POSTERS PRESENTER AT NATIONAL AND INTERNATIONAL MEETINGS, INCLUDING THE:
  - \* ANNUAL MEETING (2011), AMERICAN ACADEMY OF NEUROLOGY (AAN), HONOLULU (HAWAII, USA)
  - \* 6<sup>TH</sup> INTERNATIONAL CONFERENCE ON TRANSCRANIAL BRAIN STIMULATION (2016) IN GÖTTINGEN (GERMANY)
  - \* 2<sup>ND</sup> INTERNATIONAL BRAIN STIMULATION CONFERENCE (2017) IN BARCELONA (SPAIN)
  - \* 4<sup>TH</sup> CONGRESS OF THE EUROPEAN ACADEMY OF NEUROLOGY (2018) IN LISBON (PORTUGAL)
  - \* FOURTH NEUROMI INTERNATIONAL MEETING. BRAIN STIMULATION AND BRAIN PLASTICITY: FROM BASIC RESEARCH TO CLINICAL PRACTICE (NOVEMBER 2018) IN MILAN (ITALY)
  - \* 3<sup>RD</sup> INTERNATIONAL BRAIN STIMULATION CONFERENCE (2019) IN VANCOUVER (CANADA)
  - \* 14<sup>TH</sup> INTERNATIONAL NEUROMODULATION SOCIETY'S WORLD CONGRESS (2019) IN SYDNEY (AUSTRALIA)
  - \* 6<sup>TH</sup> VIRTUAL CONGRESS OF THE EUROPEAN ACADEMY OF NEUROLOGY (EAN) (2020)
  - \* 7<sup>TH</sup> INTERNATIONAL CONFERENCE ON NON-INVASIVE BRAIN STIMULATION & 4<sup>TH</sup> EUROPEAN CONFERENCE OF BRAIN STIMULATION IN PSYCHIATRY (2020), VIRTUAL EDITION
  - \* 16<sup>TH</sup> WORLD SLEEP CONGRESS (WSC) (MARCH 2022) IN ROME (ITALY)
  - \* 32<sup>ND</sup> INTERNATIONAL CONGRESS OF CLINICAL NEUROPHYSIOLOGY (SEPTEMBER 2022), GENÈVE (SWITZERLAND)
- PRINCIPAL INVESTIGATOR OF THE FOLLOWING SCIENTIFIC PROJECTS:
  - \* STUDY OF THE POSSIBLE EFFECTS OF LOW-FREQUENCY (INHIBITORY) REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION ON SENSORY-MOTOR CORTEX OF PATIENTS WITH RESTLESS LEGS SYNDROME (2015-2016), PROMOTED AND FINANCED BY THE ITALIAN MINISTER OF HEALTH ("*RICERCA CORRENTE*")
  - \* STUDIO DELLE MODIFICAZIONI DELL'ECCITABILITÀ CORTICALE TRAMITE STIMOLAZIONE MAGNETICA TRANSCRANICA (TMS) IN PAZIENTI AFFETTI DA REM SLEEP BEHAVIOR DISORDER (RBD)" (2017), PROMOTED AND FINANCED BY THE ITALIAN MINISTER OF HEALTH ("*RICERCA CORRENTE*")
  - \* STUDIO CON STIMOLAZIONE MAGNETICA TRANSCRANICA (TMS) DI MARCATORI PRECOCI DI NEURODEGENERAZIONE IN PAZIENTI AFFETTI DA REM-SLEEP BEHAVIOR DISORDER" (2018-2021), PROMOTED AND FINANCED BY THE ITALIAN MINISTER OF HEALTH ("*RICERCA CORRENTE*")
  - \* DEMO-STUDY. "STIMOLAZIONE MAGNETICA TRANSCRANICA NELLE DEMENZE E DEPRESSIONE GERIATRICA: RUOLO DELLE NEUROTROFINE COME MARKERS DI MALATTIA ED OUTCOME MEASURES" (2020-2022), PROMOTED AND FINANCED BY THE UNIVERSITY OF CATANIA (ITALY)
  - \* RUOLO DIAGNOSTICO E PROGNOSTICO DI MARKERS ELETTROFISIOLOGICI ALLA STIMOLAZIONE MAGNETICA TRANSCRANICA E LORO CORRELATI NEUROCHIMICI NEL DECLINO COGNITIVO E NEI DISTURBI DEL SONNO (2022-2023), PROMOTED AND FINANCED BY THE ITALIAN MINISTER OF HEALTH ("*RICERCA CORRENTE*")
  - \* TRANSLATIONAL CORRELATES OF MULTIMODAL ELECTROPHYSIOLOGICAL MARKERS OF DISEASE PROCESS IN REM SLEEP BEHAVIOR DISORDER (RBD) AND ITS PROGRESSION INTO NEURODEGENERATIVE DISORDERS: DIAGNOSTIC HINTS AND THERAPEUTIC IMPLICATIONS (2023-2025), SELECTED AFTER INTERNATIONAL DOUBLE-BLINDED PEER-REVIEW BY THE ITALIAN MINISTER OF HEALTH ("*RICERCA FINALIZZATA – YOUNG RESEARCHER PROJECT*" – PROJECT CODE: GR-2021-12372863) AND FINANCED WITH 400,000€ TO THE OASI RESEARCH INSTITUTE-IRCCS OF TROINA (ITALY) AND IN COOPERATION WITH THE UNIVERSITY OF CATANIA (ITALY)
- ASSISTANT INVESTIGATOR OF THE FOLLOWING SCIENTIFIC RESEARCH PROJECTS:

- \* FAMOUS-UNICT: IDENTIFICAZIONE E MONITORAGGIO DI MARKERS PRECOCI MULTIORGANO NELLA MALATTIA DI ANDERSON-FABRY (AFD) (2020-2022), PROMOTED AND FINANCED BY THE UNIVERSITY OF CATANIA (ITALY)
- \* DREAMER – ISOLATED REM SLEEP WITHOUT ATONIA AS A RISK FACTOR FOR REM SLEEP BEHAVIOR DISORDER. CONSTITUTION OF A COHORT FOR A LONG-TERM PROSPECTIVE FOLLOW-UP STUDY, SELECTED AFTER INTERNATIONAL DOUBLE-BLINDED PEER-REVIEW BY THE NATIONAL RECOVERY AND RESILIENCE PLAN (PNRR) (CHRONIC NON-COMMUNICABLE DISEASES – PROJECT CODE: PNRR-MAD-2022-12375694) AND FINANCED WITH 800,000€ TO THE OASI RESEARCH INSTITUTE-IRCCS OF TROINA (ITALY) AND IN COOPERATION WITH THE UNIVERSITY OF CATANIA (ITALY)
  
- 2015-2018: MEMBER OF THE MEDICAL AND SCIENTIFIC ADVISORY COMMITTEE OF THE 11<sup>TH</sup> REVISION OF THE INTERNATIONAL CLASSIFICATION OF DISEASES (ICD-11), WORLD HEALTH ORGANIZATION (WHO).
  
- SELECTED FOR 1 OF 8 “YOUNG RESEARCHER SYMPOSIUM” AWARD OF THE XXV NATIONAL CONGRESS OF THE ITALIAN ASSOCIATION OF SLEEP MEDICINE (AIMS) – CAGLIARI, OCTOBER 2015
- SELECTED FOR 1 OF 6 “YOUNG RESEARCHER SYMPOSIUM” AWARD OF THE XXVII NATIONAL CONGRESS OF THE ITALIAN ASSOCIATION OF SLEEP MEDICINE (AIMS) – BOLZANO, SEPTEMBER 2017
- SELECTED FOR A BURSARY GRANT FOR PARTICIPATING TO THE 5<sup>TH</sup> CONGRESS OF THE EUROPEAN ACADEMY OF NEUROLOGY (EAN) – OLSO (NORWAY), JUNE 29 – JULY 02, 2019
- ABSTRACT TITLED “EFFECT OF REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION ON A PATIENT WITH MAJOR DEPRESSIVE DISORDER: CHANGES OF SERUM NEUROTOPHINS LEVELS” SELECTED FOR THE NONINVASIVE BRAIN STIMULATION (NIBS) PRE-CONFERENCE DAY, 14<sup>TH</sup> WORLD CONGRESS OF THE INTERNATIONAL NEUROMODULATION SOCIETY (INS). SYDNEY (AUSTRALIA), MAY 25-30, 2019
- SELECTED FOR THE “ELIO LUGARESI AWARD FOR EDUCATION”, PRESENTED BY THE WORLD SLEEP SOCIETY (WSS) AT THE OPENING CEREMONY OF THE WORLD SLEEP CONGRESS 2019 ON SEPTEMBER 22 IN VANCOUVER (CANADA)
- SELECTED CHAIR AT THE “SINDEM4JUNIORS – 8<sup>TH</sup> WINTER SEMINAR ON DEMENTIA AND NEURODEGENERATIVE DISORDERS”. BRESSANONE (ITALY), JANUARY 22-24, 2020.
- SELECTED FOR A BURSARY GRANT FOR PARTICIPATING TO THE 6<sup>TH</sup> CONGRESS OF THE EUROPEAN ACADEMY OF NEUROLOGY (EAN) – PARIS (FRANCE), MAY 23-26, 2020
- SELECTED AS A “WINNING SCIENTIST AWARD” IN THE 6<sup>TH</sup> INTERNATIONAL SCIENTIST AWARDS ON ENGINEERING, SCIENCE AND MEDICINE – CHENNAI (INDIA), JUNE 20-21, 2020
- SELECTED FOR PRESENTATION AT THE 2021 MDS VIDEO CHALLENGE, CONGRESS OF THE INTERNATIONAL PARKINSON AND MOVEMENT DISORDER SOCIETY. VIRTUAL, SEPTEMBER 17-22, 2021
- ARTICLE “MOGAVERO P, MEZZAPESA DM, SAVARESE M, DELROSSO LM, LANZA G, FERRI R. MORPHOLOGICAL ANALYSIS OF THE BRAIN SUBCORTICAL GRAY STRUCTURE IN RESTLESS LEGS SYNDROME. SLEEP MED 2021;88:74-80. DOI: 0.1016/J.SLEEP.2021.10.025. PMID: 34740168” AWARDED BY THE “WAYNE HENING YOUNG INVESTIGATOR AWARD” TO MARIA P. MOGAVERO DURING THE WORLD SLEEP 2022 IN ROME (ITALY) ON MARCH 13, 2022
- ABSTRACT TITLED “MULTIMODAL EFFECTS OF REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION ON PATIENTS WITH MAJOR DEPRESSION AND VASCULAR DEPRESSION: A PILOT STUDY” SELECTED FOR THE NONINVASIVE BRAIN STIMULATION (NIBS) PRE-CONFERENCE DAY, 15<sup>TH</sup> WORLD CONGRESS OF THE INTERNATIONAL NEUROMODULATION SOCIETY (INS). BARCELONA (SPAIN), MAY 21-26, 2022
- 12/04/2022: CERTIFICATE OF EXCELLENCE (IDENTIFICATION NUMBER: 7243) AWARDED TO “EXCELLENCE IN RESEARCH FOR THE CONTRIBUTION AND HONOURABLE ACHIEVEMENT IN INNOVATIVE RESEARCH” (SHEN 2022 AWARDS) ASSIGNED BY “SCIENCEFATHER, INTERNATIONAL RESEARCH AWARDS ON SCIENCE, HEALTH AND ENGINEERING”, A TRADEMARK OF SCIFAX COMPANY (REG. NO. 130116), APPROVED AND REGISTERED BY MINISTRY OF CORPORATE AFFAIRS, GOVT. OF INDIA
- 19/06/2022: SCIENTIFIC CONTRIBUTION “TELL ME WHAT YOU DREAM AND I WILL TELL YOU WHAT YOU WILL BECOME: EARLY NEUROPHYSIOLOGICAL MARKERS OF PARKINSON’S DISEASE IN PATIENTS WITH REM SLEEP BEHAVIORAL DISORDER (RBD)” SELECTED FOR THE “DA VINCI AWARD” (LIFE SCIENCES AREA) DURING THE XII EDITION OF THE “TAOBUK - TAORMINA INTERNATIONAL BOOK FESTIVAL 2022”; TAORMINA (ITALY), JUNE 16-20, 2022
- SELECTED FOR 1 OF THE 12 ORAL COMMUNICATIONS, ENTITLED “NON-INVASIVE BRAIN STIMULATION TECHNIQUES IN SLEEP DISORDERS: FROM NEUROPHYSIOLOGY TO NEUROMODULATION [P31]” DURING THE 2<sup>ND</sup> MEETING SIRTEPS (ITALIAN SOCIETY OF TRANSLATIONAL RESEARCH AND HEALTHCARE PROFESSIONS), NOVEMBER 3-4, 2022, L’AQUILA (ITALY).
  
- CERTIFIED CONTINUING MEDICAL EDUCATION (CME) CREDITS ACQUIRED (INCLUDING PUBLICATIONS):
  - \* YEAR 2010: 2.0 (PUBLICATIONS ONLY)
  - \* YEAR 2011: 4.0 (PUBLICATIONS ONLY)

- \* YEAR 2012: 4.0 (PUBLICATIONS ONLY)
- \* YEAR 2013 (APRIL-DECEMBER): 35.3
- \* YEAR 2014: 106.6
- \* YEAR 2015: 65.2
- \* YEAR 2016: 233.8
- \* YEAR 2017: 214.9
- \* YEAR 2018: 272.5
- \* YEAR 2019: 153.1
- \* YEAR 2020: 418.1
- \* YEAR 2021: 316.9
- \* YEAR 2022: 284.9
- \* YEAR 2023 (TILL NOW): 100.8

PROFESSIONAL TRAINING FOR PROFESSORS TEACHING AT THE FIRST-YEAR OF DEGREE COURSES, UNIVERSITY OF CATANIA (ITALY)

## SCIENTIFIC ACTIVITY

PARTICIPATION AT SEVERAL NATIONAL AND INTERNATIONAL SCIENTIFIC SURVEYS.

- PUBLONS CERTIFIED "SENTINEL OF SCIENCE" AWARD RECIPIENT (2016), AS ONE OF THE TOP 10% OF RESEARCHERS CONTRIBUTING TO THE PEER REVIEW OF THE FIELD OF MEDICINE
- PUBLONS CERTIFIED "PEER REVIEW AWARD 2017", AS ONE OF THE TOP 1% OF PEER-REVIEWERS IN MULTIDISCIPLINARY.
- PUBLONS CERTIFIED "PEER REVIEW AWARDS 2018", FOR PLACING IN THE TOP 1% OF REVIEWERS IN ASSORTED ON PUBLONS' GLOBAL REVIEWER DATABASE, DETERMINED BY THE NUMBER OF PEER REVIEW REPORTS PERFORMED DURING THE 2017-2018 AWARD YEAR.
- CERTIFIED PUBLONS ACADEMY PEER-REVIEWER (MAY 2019) – GRADUATE OF THE PUBLONS ACADEMY PRACTICAL PEER REVIEW COURSE ENDORSED BY A QUALIFIED MENTOR AFTER COMPLETING PEER-REVIEW COURSE WORK CORRESPONDING TO 10-15 HOURS.
- TOP PEER REVIEWER 2019, FOR PLACING IN THE TOP 1% OF REVIEWERS IN CROSS-FIELD, NEUROSCIENCE AND BEHAVIOR ON PUBLONS GLOBAL REVIEWER DATABASE, DETERMINED BY THE NUMBER OF PEER REVIEW REPORTS PERFORMED DURING THE 2018-19 AWARD YEAR (WEB OF SCIENCE GROUP, A CLARIVATE ANALYTICS COMPANY).
- FROM JANUARY 1, 2018, OFFICIAL RATER FOR THE "MCMASTER ONLINE RATING OF EVIDENCE" (MORE) SYSTEM, OFFERED THROUGH THE HEALTH INFORMATION RESEARCH UNIT OF MCMASTER UNIVERSITY IN HAMILTON (ONTARIO, CANADA).
- MAY 2019: ARTICLE "CORTICAL PLASTICITY IN DEPRESSION" BY CANTONE M, BRAMANTI A, LANZA G, ET AL. MENTIONED AS A "FEATURED ARTICLES" IN THE INTERNATIONAL PEER-REVIEWED JOURNAL "ASN NEURO" (CURRENT IMPACT FACTOR 5.200), OFFICIAL JOURNAL OF THE AMERICAN SOCIETY FOR NEUROCHEMISTRY
- JUNE 2021: ARTICLE "AGE, HEIGHT, AND SEX ON MOTOR EVOKED POTENTIALS: TRANSLATIONAL DATA FROM A LARGE ITALIAN COHORT IN A CLINICAL ENVIRONMENT" SELECTED BY THE CHIEF EDITOR OF THE FRONTIERS IN HUMAN NEUROSCIENCE (CURRENT IMPACT FACTOR 3.473), TO BE FEATURED IN "BRAIN IMAGING AND STIMULATION EDITOR'S PICK 2021" ARTICLE COLLECTION.
- JANUARY 2023: ARTICLE "PHENOLIC ACIDS AND PREVENTION OF COGNITIVE DECLINE: POLYPHENOLS WITH A NEUROPROTECTIVE ROLE IN COGNITIVE DISORDERS AND ALZHEIMER'S DISEASE" SELECTED AMONG THE EDITOR'S CHOICE ARTICLES OF NUTRIENTS (CURRENT IMPACT FACTOR 6.706).
- CO-AUTHOR THE FIRST OPEN DATABASE "RELISH" (RELEVANT LITERATURE SEARCH) CONSORTIUM, AN ARTICLE-BASED PUBMED SEARCH ENGINE (APSE).
- FROM FEBRUARY 2019: FELLOW OF THE ACADEMY OF TRANSLATIONAL MEDICINE PROFESSIONALS (FACADTM – ACADEMY NO: 1530C), EUROPEAN SOCIETY FOR TRANSLATIONAL MEDICINE (EUSTM).
- FROM MARCH 2019: PROFESSIONAL CERTIFICATION IN TRANSLATIONAL MEDICINE (PCTM), PROMOTED BY THE ACADEMY OF TRANSLATIONAL MEDICINE PROFESSIONALS (ATMP) TO SET THE STANDARDS FOR EXCELLENCE IN FIELD OF TRANSLATIONAL MEDICINE AND TO PROMOTE AND MAINTAIN HIGH QUALITY IN BIOMEDICAL RESEARCH.



MEMBER OF THE FOLLOWING RESEARCH CENTERS OF THE UNIVERSITY OF CATANIA:

- FROM MARCH 2019: "RESEARCH CENTER ON MOTOR ACTIVITIES (CRAM)", AS CO-FOUNDER MEMBER;
- FROM SEPTEMBER 2020: "MULTIDISCIPLINARY RESEARCH CENTER FOR THE DIAGNOSIS AND THERAPY OF FABRY'S DISEASE AND FOR ORGAN TRANSPLANTS", AS ORDINARY MEMBER;
- FROM SEPTEMBER 2021: "RESEARCH CENTER ON NUTRACEUTICALS AND HEALTH PRODUCTS (CERNUT)", AS CO-FOUNDER MEMBER;
- FROM JANUARY 2022: "RESEARCH CENTER IN HUMAN NUTRITION AND MEDITERRANEAN FOODS (NUTREA)", AS CO-FOUNDER MEMBER.

- FROM JUNE 2019: MEMBER OF THE EUROPEAN ACADEMY OF NEUROLOGY (EAN) SCIENTIFIC PANEL (SP) "NEUROSCIENCE/TRANSLATIONAL NEUROLOGY" AND, FROM DECEMBER 2021, ELECTED MEMBER OF THE MANAGEMENT GROUP OF THE EAN SP "NEUROSCIENCE/TRANSLATIONAL NEUROLOGY" (FROM DECEMBER 2022, CHANGED IN "COORDINATING PANEL ON NEUROSCIENCE/TRANSLATIONAL NEUROLOGY").

- FROM SEPTEMBER 2019: MEMBER OF THE "INS RESEARCH AND SCIENTIFIC OVERSIGHT COMMITTEE", INTERNATIONAL NEUROMODULATION SOCIETY (INS)

- FROM JUNE 2020: MEMBER OF THE "ELSEVIER HEALTH PANEL", A COMMUNITY PANEL OPEN TO ALL HEALTHCARE PROFESSIONALS AND STUDENTS.

- FROM MARCH 2020: MEMBER OF THE BRAIN STIMULATION SPECIAL INTEREST GROUP (BS-SIG) ON OF THE INTERNATIONAL FEDERATION OF CLINICAL NEUROPHYSIOLOGY (IFCN).

- FROM FEBRUARY 16, 2021: CHIEF OF THE RESEARCH UNIT "CLINICAL NEUROPHYSIOLOGY", DEPARTMENT OF NEUROLOGY IC, OASI RESEARCH INSTITUTE-IRCCS, TROINA (ITALY), IN COOPERATION WITH THE UNIVERSITY OF CATANIA.

- FROM MARCH 15, 2021: INVITED FELLOW OF THE "SCHOLARS ACADEMIC & SCIENTIFIC SOCIETY", REGISTERED UNDER SOCIETY REGISTRATION ACT XXI OF 1860, INDIA

- FROM JULY 2021: INVITED EXPERT OF THE FOLLOWING SECTIONS OF THE INTERNATIONAL SOCIETY OF GLOBAL HEALTH (ISoGH - MEMBERSHIP NUMBER: 00960): GLOBAL MENTAL HEALTH; COVID-19 PANDEMIC AND PANDEMIC PREPAREDNESS; HEALTH PROBLEMS OF AGING POPULATIONS.

- EDITOR-IN-CHIEF OF THE FOLLOWING JOURNALS:

- \* INTERNATIONAL EPILEPSY JOURNAL
- \* JOURNAL OF ALZHEIMER'S & NEURODEGENERATIVE DISEASES
- \* JOURNAL OF NEUROLOGY & BRAIN RESEARCH
- \* JOURNAL OF PSYCHOLOGY AND NEUROSCIENCE
- \* OSP JOURNAL OF NEUROLOGY AND NEUROLOGICAL DISORDERS

CO-EDITOR OF THE FOLLOWING PEER-REVIEWED, PUBMED AND SCOPUS INDEXED, JOURNAL: THE OPEN NEUROIMAGING JOURNAL

- EXECUTIVE EDITOR OF THE FOLLOWING JOURNALS: JOURNAL OF NEUROLOGY AND NEUROLOGICAL INFECTIONS

- HONORABLE EDITOR OF THE FOLLOWING INTERNATIONAL JOURNALS:

- \* OPEN ACCESS JOURNAL OF GERONTOLOGY & GERIATRIC MEDICINE
- \* SLEEP MEDICINE AND DISORDERS INTERNATIONAL JOURNAL

- ASSOCIATE EDITOR OF THE FOLLOWING PEER-REVIEWED INTERNATIONAL JOURNALS:

- \* AMERICAN JOURNAL OF NEUROSCIENCE RESEARCH
- \* EXAMINES IN PHYSICAL MEDICINE & REHABILITATION
- \* FRONTIERS IN HUMAN NEUROSCIENCE
- \* JOURNAL OF INTEGRATED HEALTH (SECTION "NEUROSCIENCE")
- \* GLOBAL JOURNAL OF INTELLECTUAL & DEVELOPMENTAL DISABILITIES
- \* SUNKRIST NEUROLOGY, NEUROSURGERY AND STROKE JOURNAL

SECTION EDITOR OF THE FOLLOWING PEER-REVIEWED INTERNATIONAL JOURNALS:

- \* CURRENT MEDICINAL CHEMISTRY (*PUBMED AND SCOPUS INDEXED*)
- \* FOREFRONT IN BIOMEDICAL ENGINEERING – SENSORS, MECHANICS & MATERIALS

- GUEST EDITOR OF THE FOLLOWING PEER-REVIEWED INTERNATIONAL JOURNALS (*SCOPUS AND PUBMED INDEXED*):

- \* FRONTIERS IN NEUROLOGY, SECTION NEUROREHABILITATION (TWO EDITIONS)
- \* FRONTIERS IN NEUROLOGY, "APPLICATION OF NONINVASIVE NEUROMODULATION IN COGNITIVE REHABILITATION"
- \* FRONTIERS IN HUMAN NEUROSCIENCE, SECTION BRAIN HEALTH AND CLINICAL NEUROSCIENCE
- \* JOURNAL OF CLINICAL MEDICINE, "SLEEP DISORDERS: FROM CLINICAL RESEARCH TO DAILY PRACTICE"
- \* INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH, "AGE-RELATED COGNITIVE DECLINE AND NEURODEGENERATIVE DISORDERS"
- \* LIFE, "STATE-OF-THE-ART IN NON-INVASIVE BRAIN STIMULATION"

- TOPICAL ADVISORY PANEL OF THE FOLLOWING PEER-REVIEWED INTERNATIONAL JOURNALS:

- \* LIFE (*SCOPUS AND PUBMED INDEXED*)
- \* PSYCHIATRY INTERNATIONAL

- EDITORIAL BOARD MEMBER OF THE FOLLOWING PEER-REVIEWED INTERNATIONAL JOURNALS, *PUBMED, SCOPUS AND/OR WEB OF SCIENCE INDEXED*:

- \* AIMS BIOENGINEERING
- \* AIMS NEUROSCIENCE
- \* ANNALS OF TRANSLATIONAL MEDICINE
- \* BMC NEUROLOGY
- \* BRAIN SCIENCES
- \* CLINICAL PRACTICE (THERAPY)
- \* CURRENT ALZHEIMER RESEARCH
- \* CURRENT DRUG RESEARCH REVIEWS
- \* CURRENT PSYCHIATRY RESEARCH AND REVIEWS
- \* DISEASES
- \* EC NEUROLOGY
- \* EUROPEAN JOURNAL OF INVESTIGATION IN HEALTH, PSYCHOLOGY AND EDUCATION
- \* FRONTIERS IN BIOSCIENCE-LANDMARK
- \* FRONTIERS IN NEUROLOGY
- \* FRONTIERS IN NEUROSCIENCE
- \* INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH
- \* INTERNATIONAL JOURNAL OF PHARMACEUTICAL RESEARCH AND ALLIED SCIENCES
- \* JOURNAL OF CLINICAL MEDICINE
- \* JOURNAL OF ETHNOPHARMACOLOGY AND MEDICINAL FOODS
- \* JOURNAL OF INTEGRATIVE NEUROSCIENCE
- \* JOURNAL OF MEDICAL CASES
- \* LIFE
- \* PEERJ LIFE AND ENVIRONMENT
- \* PLOS ONE
- \* SURGERIES
- \* VESSEL PLUS

- INVITED REVIEWER OF MORE THAN 500 SCIENTIFIC MANUSCRIPTS FOR THE FOLLOWING INTERNATIONAL JOURNALS (IN ALPHABETIC ORDER):

- \* ACTA NEUROLOGICA BELGICA
- \* ACTA NEUROLOGICA SCANDINAVICA
- \* ADVANCE RESEARCH JOURNAL OF MEDICAL AND CLINICAL SCIENCES
- \* ADVANCES IN MEDICAL SCIENCES
- \* ADVANCES IN RESEARCH
- \* AGING CLINICAL AND EXPERIMENTAL RESEARCH
- \* AIMS NEUROSCIENCE
- \* ALTERNATIVE & INTEGRATIVE MEDICINE
- \* ALZHEIMER'S & DEMENTIA

- \* ALZHEIMER'S DISEASE & PARKINSONISM
- \* AMERICAN JOURNAL OF MEDICAL CASE REPORTS
- \* AMERICAN JOURNAL OF NURSING RESEARCH
- \* AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY
- \* AMERICAN JOURNAL OF PSYCHIATRY AND NEUROSCIENCE
- \* AMERICAN RESEARCH JOURNAL OF NEUROLOGY
- \* ANNALS OF MEDICAL AND HEALTH SCIENCES RESEARCH
- \* ANNALS OF MULTIPLE SCLEROSIS AND RELATED DISORDERS
- \* ANNALS OF NEUROLOGY RESEARCH AND STUDIES
- \* ANNUAL RESEARCH & REVIEW IN BIOLOGY
- \* ANTIOXIDANTS
- \* APPLIED NEUROPSYCHOLOGY: ADULT
- \* ARCHIVES ITALIENNES DE BIOLOGIE
- \* ARCHIVES OF SPORTS MEDICINE
- \* ARQUIVOS DE NEURO-PSIQUIATRIA
- \* ASIA PACIFIC JOURNAL OF CLINICAL TRIALS: NERVOUS SYSTEM DISEASES
- \* AUSTIN JOURNAL OF CLINICAL NEUROLOGY
- \* BEHAVIOURAL BRAIN RESEARCH
- \* BIOLOGICAL PSYCHIATRY
- \* BIOLOGY AND MEDICINE
- \* BIOMED RESEARCH INTERNATIONAL
- \* BIOMEDICINES
- \* BIOMOLECULES
- \* BMC MEDICINE
- \* BMC NEUROLOGY
- \* BMC PSYCHIATRY
- \* BMJ OPEN
- \* BMJ PAEDIATRICS OPEN
- \* BRAIN AND BEHAVIOR
- \* BRAIN RESEARCH
- \* BRAIN RESEARCH BULLETIN
- \* BRAIN SCIENCES
- \* CARDIOLOGY AND ANGIOLOGY: AN INTERNATIONAL JOURNAL
- \* CELLS
- \* CEREBRAL CORTEX
- \* CHILD AND ADOLESCENT PSYCHIATRY AND MENTAL HEALTH
- \* CLINICAL AND TRANSLATIONAL MEDICINE
- \* CLINICAL CASE REPORTS
- \* CLINICAL INTERVENTIONS IN AGING
- \* CLINICAL MEDICAL REVIEWS AND CASE REPORTS
- \* CLINICAL PRACTICE & EPIDEMIOLOGY IN MENTAL HEALTH
- \* CLINICS
- \* CNS NEUROSCIENCE & THERAPEUTICS
- \* COGENT MEDICINE
- \* COMPREHENSIVE PSYCHIATRY
- \* COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE
- \* CUREUS JOURNAL OF MEDICAL SCIENCE
- \* CURRENT AGING SCIENCE
- \* CURRENT ALZHEIMER RESEARCH
- \* CURRENT MEDICINAL CHEMISTRY
- \* CURRENT NEUROBIOLOGY
- \* CURRENT NEUROPHARMACOLOGY
- \* CURRENT PSYCHIATRY RESEARCH AND REVIEWS
- \* DEGENERATIVE INTELLECTUAL & DEVELOPMENTAL DISABILITIES
- \* DEVELOPMENTAL MEDICINE & CHILD NEUROLOGY
- \* DIAGNOSTIC TECHNIQUES & BIOMEDICAL ANALYSIS
- \* DIAGNOSTICS
- \* DIALOGUES IN CLINICAL NEUROSCIENCE
- \* DISABILITY AND REHABILITATION

- \* DRUG DESIGN, DEVELOPMENT AND THERAPY
- \* ECLINICAL MEDICINE (THE LANCET GROUP)
- \* EPILEPSY JOURNAL
- \* EUROPEAN JOURNAL OF BIOLOGY AND BIOTECHNOLOGY
- \* EUROPEAN JOURNAL OF CLINICAL INVESTIGATION
- \* EUROPEAN JOURNAL OF INTEGRATIVE MEDICINE
- \* EUROPEAN JOURNAL OF MEDICAL & HEALTH SCIENCES
- \* EUROPEAN JOURNAL OF NEUROLOGY
- \* EUROPEAN NEUROLOGICAL REVIEW
- \* EUROPEAN NEUROLOGY
- \* EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE
- \* EXPERIMENTAL BRAIN RESEARCH
- \* EXPERIMENTAL NEUROLOGY
- \* EXPERT REVIEW OF NEUROTHERAPEUTICS
- \* EXPLORATION OF MEDICINE
- \* FRONTIERS IN AGING NEUROSCIENCE
- \* FRONTIERS IN BEHAVIORAL NEUROSCIENCE
- \* FRONTIERS IN BIOSCIENCE-ELITE
- \* FRONTIERS IN HUMAN NEUROSCIENCE
- \* FRONTIERS IN NETWORK PHYSIOLOGY
- \* FRONTIERS IN NEUROLOGY
- \* FRONTIERS IN NEUROSCIENCE
- \* FRONTIERS IN PHYSIOLOGY
- \* FRONTIERS IN PSYCHIATRY
- \* FUTURE RARE DISEASES
- \* GENERAL PRACTICE
- \* GERONTOLOGY AND GERIATRIC MEDICINE
- \* GLOBAL JOURNAL OF OTOLARYNGOLOGY
- \* HEALTHCARE
- \* JOURNAL OF GLOBAL HEALTH
- \* HEALTH SCIENCE REPORTS
- \* HEREDITARY GENETICS: CURRENT RESEARCH
- \* IEEE REVIEWS IN BIOMEDICAL ENGINEERING
- \* INSIGHTS OF BIOMEDICAL RESEARCH
- \* INTERDISCIPLINARY NEUROSURGERY: ADVANCED TECHNIQUES AND CASE MANAGEMENT
- \* INTERNAL MEDICINE: OPEN ACCESS
- \* INTERNATIONAL JOURNAL OF CARDIOVASCULAR RESEARCH
- \* INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL MEDICINE RESEARCH
- \* INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL NEUROLOGY
- \* INTERNATIONAL JOURNAL OF CLINICAL PRACTICE
- \* INTERNATIONAL JOURNAL OF DEVELOPMENTAL DISABILITIES
- \* INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH
- \* INTERNATIONAL JOURNAL OF EXPERIMENTAL PATHOLOGY
- \* INTERNATIONAL JOURNAL OF GERIATRIC PSYCHIATRY
- \* INTERNATIONAL JOURNAL OF MEDICAL AND HEALTH SCIENCE
- \* INTERNATIONAL JOURNAL OF MEDICAL AND PHARMACEUTICAL CASE REPORTS
- \* INTERNATIONAL JOURNAL OF MEDICAL SCIENCES
- \* INTERNATIONAL JOURNAL OF MODERN BIOLOGICAL RESEARCH
- \* INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES
- \* INTERNATIONAL JOURNAL OF NEUROLOGY RESEARCH
- \* INTERNATIONAL JOURNAL OF NEUROREHABILITATION
- \* INTERNATIONAL JOURNAL OF NEUROSCIENCE
- \* INTERNATIONAL JOURNAL OF NEUROSURGERY
- \* INTERNATIONAL JOURNAL OF PEDIATRIC RESEARCH
- \* INTERNATIONAL JOURNAL OF PHYSICAL MEDICINE & REHABILITATION
- \* INTERNATIONAL JOURNAL OF PSYCHOPHYSIOLOGY
- \* INTERNATIONAL JOURNAL OF RARE DISEASES AND DISORDERS
- \* INTERNATIONAL JOURNAL OF STROKE
- \* INTERNATIONAL NEUROPSYCHIATRIC DISEASE JOURNAL

- \* INTERNATIONAL PHYSICAL MEDICINE & REHABILITATION JOURNAL
- \* INTERNATIONAL REVIEW OF PSYCHIATRY
- \* JACOBS JOURNAL OF SPINE
- \* JAMA NETWORK OPEN
- \* JOJ SCIENCES
- \* JOURNAL OF ADVANCED RESEARCH IN MEDICAL AND HEALTH SCIENCE
- \* JOURNAL OF ADVANCED RESEARCH IN NEUROSCIENCE
- \* JOURNAL OF ADVANCED TECHNIQUES IN BIOLOGY AND MEDICINE
- \* JOURNAL OF ADVANCES IN MEDICINE AND MEDICAL RESEARCH
- \* JOURNAL OF ADVANCES IN SLEEP DISORDERS AND THERAPY
- \* JOURNAL OF ALZHEIMER'S & NEURODEGENERATIVE DISEASES
- \* JOURNAL OF ALZHEIMER'S DISEASE
- \* JOURNAL OF ANESTHESIA AND ADVANCED RESEARCH
- \* JOURNAL OF BIOMEDICAL ENGINEERING AND MEDICAL DEVICES
- \* JOURNAL OF CHEMICAL BIOLOGY & THERAPEUTICS
- \* JOURNAL OF CLINICAL MEDICINE
- \* JOURNAL OF CLINICAL NEUROSCIENCE
- \* JOURNAL OF COMPLEMENTARY MEDICINE RESEARCH
- \* JOURNAL OF DIABETES AND ITS COMPLICATIONS
- \* JOURNAL OF EMERGENCY MEDICINE AND INTENSIVE CARE
- \* JOURNAL OF ETHNOPHARMACOLOGY AND MEDICINAL FOODS (*SCOPUS INDEXED*)
- \* JOURNAL OF EXPERIMENTAL NEUROSCIENCE
- \* JOURNAL OF FOOD AND NUTRITION RESEARCH
- \* JOURNAL OF GERIATRIC PSYCHIATRY AND NEUROLOGY
- \* JOURNAL OF GERONTOLOGY: BIOLOGICAL SCIENCES
- \* JOURNAL OF HEALTHCARE ENGINEERING
- \* JOURNAL OF INFECTION AND PUBLIC HEALTH
- \* JOURNAL OF INSOMNIA AND SLEEP DISORDERS
- \* JOURNAL OF INTEGRATIVE MEDICINE
- \* JOURNAL OF INTEGRATIVE NEUROSCIENCE
- \* JOURNAL OF MEDICAL DIAGNOSTIC METHODS
- \* JOURNAL OF MULTIDISCIPLINARY HEALTHCARE (*SCOPUS AND PUBMED INDEXED*)
- \* JOURNAL OF MUSCLE HEALTH
- \* JOURNAL OF MUSCULOSKELETAL DISORDERS AND TREATMENT
- \* JOURNAL OF NEUROENDOCRINOLOGY RESEARCH
- \* JOURNAL OF NEUROLOGY
- \* JOURNAL OF NEUROLOGY AND NEUROBIOLOGY
- \* JOURNAL OF NEUROLOGY, NEUROLOGICAL SCIENCE AND DISORDERS
- \* JOURNAL OF NEUROPSYCHOLOGY AND COGNITIVE PSYCHOLOGY
- \* JOURNAL OF NEUROSCIENCE AND NEUROLOGICAL DISORDERS
- \* JOURNAL OF NEUROSCIENCE AND NEUROPSYCHOLOGY
- \* JOURNAL OF NEUROSCIENCE METHODS
- \* JOURNAL OF NEUROSCIENCES IN RURAL PRACTICE
- \* JOURNAL OF NOVEL PHYSIOTHERAPIES
- \* JOURNAL OF NURSING & CARE
- \* JOURNAL OF NURSING AND HEALTH SCIENCES
- \* JOURNAL OF NUTRITIONAL MEDICINE AND DIET CARE
- \* JOURNAL OF OBESITY AND OVERWEIGHT
- \* JOURNAL OF PAIN MANAGEMENT & MEDICINE
- \* JOURNAL OF PAIN RESEARCH
- \* JOURNAL OF PEDIATRIC NEUROLOGY
- \* JOURNAL OF PEDIATRIC NEUROLOGY AND MEDICINE
- \* JOURNAL OF PERSONALIZED MEDICINE (*PUBMED AND SCOPUS INDEXED*)
- \* JOURNAL OF PSYCHIATRIC RESEARCH (*PUBMED AND SCOPUS INDEXED*)
- \* JOURNAL OF PSYCHIATRY AND MENTAL HEALTH
- \* JOURNAL OF PSYCHIATRY AND NEUROSCIENCE
- \* JOURNAL OF PSYCHIATRY: OPEN ACCESS
- \* JOURNAL OF RESEARCH AND DEVELOPMENT
- \* JOURNAL OF SLEEP DISORDERS & THERAPY

- \* JOURNAL OF SLEEP DISORDERS AND MANAGEMENT
- \* JOURNAL OF SLEEP DISORDERS AND MEDICAL CARE
- \* JOURNAL OF SLEEP DISORDERS: TREATMENT & CARE
- \* JOURNAL OF SLEEP RESEARCH
- \* JOURNAL OF SPINE
- \* JOURNAL OF SPINE AND NEUROSURGERY
- \* JOURNAL OF SPORTS MEDICINE & DOPING STUDIES
- \* JOURNAL OF SUBSTANCE ABUSE AND REHABILITATION
- \* JOURNAL OF TISSUE SCIENCE & ENGINEERING
- \* JOURNAL OF TRADITIONAL MEDICINE & CLINICAL NATUROPATHY
- \* JOURNAL OF TRANSLATIONAL MEDICINE
- \* JOURNAL OF TRAUMA & TREATMENT
- \* JOURNAL OF VASCULAR MEDICINE & SURGERY
- \* JRESLIT JOURNAL OF CASE REPORTS
- \* JSM ALLERGY AND ASTHMA
- \* JSM BRAIN SCIENCE
- \* LIFE
- \* LIFE SPAN AND DISABILITY
- \* LONGHUA CHINESE MEDICINE
- \* MADRIDGE JOURNAL OF PHARMACEUTICAL RESEARCH
- \* MATERIAL SCIENCE: CURRENT RESEARCH
- \* MED ONE
- \* MEDCOMM
- \* MEDICAL REPORTS & CASE STUDIES
- \* MEDICAL SCIENCE MONITOR
- \* MICROORGANISMS
- \* MINERVA ENDOCRINOLOGY
- \* MOLECULES
- \* MULTIPLE SCLEROSIS JOURNAL: EXPERIMENTAL, TRANSLATIONAL AND CLINICAL
- \* NATURE AND SCIENCE OF SLEEP
- \* NET JOURNAL OF SOCIAL SCIENCES
- \* NEURAL PLASTICITY
- \* NEUROIMAGE: CLINICAL
- \* NEUROLOGICAL RESEARCH
- \* NEUROLOGY
- \* NEUROMODULATION: TECHNOLOGY AT THE NEURAL INTERFACE
- \* NEUROPHYSIOLOGIE CLINIQUE
- \* NEUROPSYCHIATRIC DISEASE AND TREATMENT
- \* NEUROPSYCHOBIOLOGY
- \* NEUROREHABILITATION AND NEURAL REPAIR
- \* NEUROSCIENCE AND PSYCHIATRY: OPEN ACCESS
- \* NEUROSCIENCE LETTERS
- \* NOVEL APPROACHES IN DRUG DESIGNING & DEVELOPMENT
- \* NUCLEAR MEDICINE & RADIATION THERAPY
- \* NUTRIENTS
- \* NUTRITION, METABOLISM AND CARDIOVASCULAR DISEASES
- \* OA JOURNAL OF NEUROPSYCHIATRY
- \* OPEN ACCESS JOURNAL OF GERONTOLOGY & GERIATRIC MEDICINE
- \* ORGANIC & MEDICINAL CHEMISTRY INTERNATIONAL JOURNAL
- \* OXFORD MEDICAL CASE REPORTS
- \* OXIDATIVE MEDICINE AND CELLULAR LONGEVITY
- \* PALLIATIVE CARE & MEDICINE
- \* PALLIATIVE MEDICINE AND CARE INTERNATIONAL JOURNAL
- \* PARKINSON'S DISEASE
- \* PATHOGENS
- \* PATHOLOGY – RESEARCH AND PRACTICE
- \* PEDIATRICS & THERAPEUTICS
- \* PEERTECHZ JOURNAL OF BIOMEDICAL ENGINEERING
- \* PHARMACEUTICALS

- \* PHYSIOLOGY & BEHAVIOR
- \* PLoS ONE
- \* POSTGRADUATE MEDICINE
- \* PSYCHIATRY INVESTIGATION
- \* PSYCHIATRY RESEARCH
- \* PSYCHOLOGY & PSYCHOTHERAPY
- \* PSYCHOLOGY AND BEHAVIORAL SCIENCE INTERNATIONAL JOURNAL
- \* RESEARCH & INVESTIGATIONS IN SPORTS MEDICINE
- \* RISK MANAGEMENT AND HEALTHCARE POLICY
- \* SCIENTIFIC REPORTS
- \* SCIFED JOURNAL OF NEUROSCIENCE
- \* SENSORS
- \* SLEEP
- \* SLEEP MEDICINE
- \* SLEEP MEDICINE REVIEWS
- \* SM JOURNAL OF NEUROLOGY AND NEUROSCIENCE
- \* SOMATOSENSORY AND MOTOR RESEARCH
- \* SPINE RESEARCH
- \* SYMMETRY
- \* TECHNIUM: ROMANIAN JOURNAL OF APPLIED SCIENCES AND TECHNOLOGY
- \* THE CLINICAL RESPIRATORY JOURNAL
- \* THE JOURNAL OF HEADACHE AND PAIN
- \* THE SCIENTIFIC PAGES OF ANATOMY AND PHYSIOLOGY
- \* THE ULTRASOUND JOURNAL
- \* THERAPEUTIC ADVANCES IN CHRONIC DISEASE
- \* THERAPEUTIC ADVANCES IN NEUROLOGICAL DISORDERS
- \* THERAPEUTICS AND CLINICAL RISK MANAGEMENT
- \* THROMBOSIS AND CIRCULATION: OPEN ACCESS
- \* TISSUE AND CELL
- \* TRANSLATIONAL NEURODEGENERATION
- \* TRANSLATIONAL NEUROSCIENCE
- \* TURKISH JOURNAL OF BIOCHEMISTRY
- \* VACCINES
- \* VESSEL PLUS
- \* WORLD JOURNAL OF CLINICAL CASES
- \* WORLD JOURNAL OF MEDICINE AND MEDICAL SCIENCE RESEARCH
- \* WORLD JOURNAL OF PSYCHIATRY
- \* WORLD JOURNAL OF SURGICAL ONCOLOGY

- INVITED GRANT REVIEWER FOR THE "BIOMED ALZHEIMER'S SOCIETY JUNIOR FELLOWSHIP 2018" OF THE "ALZHEIMER'S SOCIETY – UNITED AGAINST DEMENTIA", LONDON (UK).

- MEMBER OF "REPRISE" (*REGISTER OF EXPERT PEER REVIEWERS FOR ITALIAN SCIENTIFIC EVALUATION*), AN OFFICIAL REGISTER OF INDEPENDENT NATIONAL AND INTERNATIONAL SCIENTIFIC EXPERTS, BASED AT THE ITALIAN MINISTRY OF EDUCATION, UNIVERSITY, AND RESEARCH. THESE EXPERTS CAN BE APPOINTED BY THE MINISTRY FOR ACTIVITIES RELATED TO THE EVALUATION AND/OR FUNDING OF RESEARCH PROJECTS.

- FROM MAY 2019: MEMBER OF THE REGIONAL TECHNICAL-SCIENTIFIC COMMITTEE OF THE "POLITRAUMA NETWORK", PROMOTED BY THE SICILIAN DEPARTMENT OF HEALTH.

- FROM MARCH 2023: MEMBER OF THE REGIONAL TECHNICAL-SCIENTIFIC COMMITTEE OF THE "DEMENTIAS", PROMOTED BY THE SICILIAN DEPARTMENT OF HEALTH.

- FROM JUNE 2019: ALETEIA EXPERT IN APPLIED NEUROSCIENCES AND BIOFEEDBACK (LEVEL I).

- FROM SEPTEMBER 2020: ASSOCIATE MEMBER OF THE WORLD ACADEMY OF SCIENCE (WAS), SPANDIDOS PUBLICATIONS

- FROM SEPTEMBER 2020: MEMBER OF THE "MULTIDISCIPLINARY RESEARCH CENTER FOR THE

DIAGNOSIS AND THERAPY OF FABRY DISEASE AND FOR ORGAN TRANSPLANTS”, UNIVERSITY OF CATANIA (ITALY)

- FROM DECEMBER 2020: COMPONENT OF THE “NEUROPHYSIOLOGY TASK” (TMS SECTION) OF THE IRCCS NETWORK OF NEUROSCIENCE AND NEUROREHABILITATION (RIN)

- CERTIFICATE OF “*OUTSTANDING CONTRIBUTION IN REVIEWING*”, IN RECOGNITION OF THE CONTRIBUTION MADE TO THE QUALITY OF THE FOLLOWING JOURNALS:

\* BRAIN RESEARCH (SEPTEMBER 2015; JANUARY 2017)

\* SLEEP MEDICINE (APRIL 2017; NOVEMBER 2018)

\* PHYSIOLOGY & BEHAVIOR (JUNE 2017)

\* INTERNATIONAL JOURNAL OF PSYCHOPHYSIOLOGY (APRIL 2018)

- “COVER EDITOR” OF THE WORLD JOURNAL OF PSYCHIATRY (WORLD J PSYCHIATRY 2020 OCTOBER 19;10(10):223-244); CURRENT IMPACT FACTOR 3.500.

- FROM JANUARY 18, 2021: INVITED REVIEWER OF THE ARES SYSTEM, AN USER-FRIENDLY MANUSCRIPT AND PEER-REVIEW PLATFORM DEDICATED TO OPTIMIZING THE SUBMISSION AND REVIEW PROCESS FOR AUTHORS, EDITORS AND REVIEWERS, AND PROVIDING A SAFE AND EFFICIENT MANUSCRIPT PROCESSING SYSTEM FOR PUBLISHERS.

- FROM APRIL 25, 2021: INVITED PEER REVIEWER FOR THE QATAR NATIONAL RESEARCH FUND.

- JANUARY 2021: CERTIFICATE OF EXCELLENCE “CERTIFIED PEER REVIEWER COURSE”, ELSEVIER RESEARCHER ACADEMY

- FROM JULY 2021: INVITED MEMBER OF THE ASIAN COUNCIL OF SCIENCE EDITORS (ACSE), THE FIRST AND THE FOREMOST ORGANIZATION IN ASIA, THAT AIMS TO PROVIDE A UNIFIED AND ACTIVE PLATFORM FOR ASIAN EDITORS AND SCHOLARS.

- FROM AUGUST 2021: INVITED MEMBER OF THE SHIFT LEARNING, SHIFT INSIGHT EDUCATION A& RESEARCH PANEL, A LEADING EDUCATION MARKET RESEARCH AGENCY, BASED IN THE UK WITH A GLOBAL REACH, AND WINNER OF THE EDUCATION INVESTOR AWARD 2019.

- FROM SEPTEMBER 2021: INVITED MEMBER OF THE MDS POST STROKE MOVEMENT DISORDER STUDY GROUP, INTERNATIONAL PARKINSON AND MOVEMENT DISORDER SOCIETY (MDS).

- FROM JANUARY 2021: INVITED MEMBER OF THE “NEUROSTIMULATION AND DIAGNOSTIC-THERAPEUTIC NEUROMODULATION STUDY GROUP” OF THE ITALIAN SOCIETY OF CLINICAL NEUROPHYSIOLOGY (SINC).

- DECEMBER 2021: EXPERT IN COGNITIVE DYSFUNCTION, ACCORDING TO THE EXPERTSCAPE’S PUBMED-BASED ALGORITHMS THAT PLACED PROF. LANZA IN THE TOP 0.4% OF SCHOLARS WORLDWIDE WRITING ABOUT COGNITIVE DYSFUNCTION OVER THE PAST 10 YEARS, A LEVEL LABELED AS “EXPERT” (1°-PLACE SCHOLAR AT UNIVERSITY OF CATANIA, 2-PLACE° SCHOLAR AT THE OASI RESEARCH INSTITUTE-IRCCS OF TROINA, AND 38°-PLACE SCHOLAR IN ITALY).

- FROM JANUARY 2022: NOMINATED FULL MEMBER OF THE “SIGMA XI, THE SCIENTIFIC RESEARCH HONOR SOCIETY”, THE INTERNATIONAL HONOR SOCIETY OF SCIENCE AND ENGINEERING AND ONE OF THE OLDEST AND LARGEST SCIENTIFIC ORGANIZATIONS IN THE WORLD.

- FROM JULY 2, 2022: INVITED MEMBER OF THE SCOPE DATABASE - INTERNATIONAL ADVISORY BOARD (CERTIFICATE ID: IAB0000490), JOURNAL INDEXING & CITATION ANALYSIS, CHENNAI (INDIA).

- OCTOBER 18-29, 2022: CONTACT PERSON OF THE INTERNATIONAL INTERNSHIP FOR THE PROJECT “CZ.02.1.01/0.0/0.0/16\_019/0000867 – RESEARCH CENTRE OF ADVANCED MECHATRONIC SYSTEMS” AT THE OASI RESEARCH INSTITUTE-IRCCS OF TROINA AND UNIVERSITY OF CATANIA (ITALY) BY PROFESSORS RADEK MARTINEK AND MICHAL PRAUZEK, FROM THE DEPARTMENT OF CYBERNETICS AND BIOMEDICAL ENGINEERING, TECHNICAL UNIVERSITY OF OSTRAVA (CZECH REPUBLIC).

- AUTHOR OF 218 SCIENTIFIC PUBLICATIONS (INCLUDING CONGRESS ABSTRACTS AND POSTERS)

ORCID: 0000-0002-5659-662X



SCOPUS ID: 7102249540  
RESEARCHER ID: R-3065-2017

TOTAL ARTICLES INDEXED IN SCOPUS AND/OR WEB OF SCIENCE: 122  
H-INDEX (SCOPUS): 35  
TOTAL NUMBER OF CITATIONS (SCOPUS): 2,451  
TOTAL IMPACT FACTOR PEER-REVIEW PUBLICATIONS (JOURNAL CITATION REPORTS): 583.438

## ANNEXES

- LIST OF PUBLICATIONS
- SHORT BIOGRAPHY

*PERSONAL CONSENT PROVIDED ACCORDING WITH THE REGULATION (EU) 2016/679 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 27 APRIL 2016 ON THE PROTECTION OF NATURAL PERSONS WITH REGARD TO THE PROCESSING OF PERSONAL DATA AND ON THE FREE MOVEMENT OF SUCH DATA, AND REPEALING DIRECTIVE 95/46/EC (GENERAL DATA PROTECTION REGULATION) (OJ L 119, 4.5.2016, P. 1).*

## LIST OF PUBLICATIONS

*PUBLICATIONS IN INDEXED PEER-REVIEWED INTERNATIONAL JOURNALS (\* = corresponding author; # = co-first/co-last author)*

- 1) Bella R, Pennisi G, Cantone M, Palermo F, Pennisi M, **Lanza G**, Zappia M, Paolucci S. Clinical presentation and outcome of geriatric depression in subcortical ischemic vascular disease. *Gerontology* 2010;56(3):298-302. doi: 10.1159/000272003. PMID: 20051663.
- 2) Faro A, Giordano D, Kavasidis I, Pino C, Spampinato C, Cantone MG, **Lanza G**, Pennisi M. An interactive tool for customizing clinical transcranial magnetic stimulation (TMS) experiments. XII Mediterranean Conference on Medical and Biological Engineering and Computing 2010 IFMBE Proceedings 2010;29:200-3. doi: 10.1007/978-3-642-13039-7\_50.
- 3) Pennisi G, Ferri R, Cantone M, **Lanza G**, Pennisi M, Vinciguerra L, Malaguarnera G, Bella R. A review of transcranial magnetic stimulation in vascular dementia. *Dement Geriatr Cogn Disord* 2011;31(1):71-80. doi: 10.1159/000322798. PMID: 21242688.
- 4) Pennisi G, Ferri R, **Lanza G**, Cantone M, Pennisi M, Puglisi V, Malaguarnera G, Bella R. Transcranial magnetic stimulation in Alzheimer's disease: a neurophysiological marker of cortical hyperexcitability. *J Neural Transm (Vienna)* 2011;118(4):587-98. doi: 10.1007/s00702-010-0554-9. PMID: 21207079.
- 5) Bella R, Ferri R, Pennisi M, Cantone M, **Lanza G**, Malaguarnera G, Spampinato C, Giordano D, Alagona G, Pennisi G. Enhanced motor cortex facilitation in patients with vascular cognitive impairment-no dementia. *Neurosci Lett* 2011;503(3):171-5. doi: 10.1016/j.neulet.2011.08.022. PMID: 21875648.
- 6) Bella R, Ferri R, Cantone M, Pennisi M, **Lanza G**, Malaguarnera G, Spampinato C, Giordano D, Raggi A, Pennisi G. Motor cortex excitability in vascular depression. *Int J Psychophysiol* 2011;82(3):248-53. doi: 10.1016/j.ijpsycho.2011.09.006. PMID: 21945481.
- 7) Pennisi M, Raggi A, Barone R, Muglia M, Citrigno L, Cantone M, **Lanza G**, Pennisi G, Ferri R, Bella R. Phenotypic heterogeneity in hereditary motor neuropathy type V: a new case report series. *Acta Neurol Belg* 2012;112(1):57-64. doi: 10.1007/s13760-012-0042-0. PMID: 22427291.

- 8) Kavasidis I, Pino C, Spampinato C, Maiorana F, **Lanza G**. Performance Evaluation of Classifiers in Distinguishing Mental Tasks from EEG Signals. Proceedings of the 9<sup>th</sup> IASTED International Conference on Biomedical Engineering 2012;764:171-7. doi: 10.2316/P.2012.764-167.
- 9) **Lanza G**, Bella R, Giuffrida S, Cantone M, Pennisi G, Spampinato C, Giordano D, Malaguarnera G, Raggi A, Pennisi M. Preserved transcallosal inhibition to Transcranial Magnetic Stimulation in nondemented elderly patients with leukoaraiosis. Biomed Res Int 2013;2013:351680. doi: 10.1155/2013/351680. PMID: 23984349.
- 10) Bella R, Ferri R, **Lanza G**, Cantone M, Pennisi M, Puglisi V, Vinciguerra L, Spampinato C, Mazza T, Malaguarnera G, Pennisi G. TMS follow-up study in patients with Vascular Cognitive Impairment – No Dementia. Neurosci Lett 2013;534:155-9. doi: 10.1016/j.neulet.2012.12.017. PMID: 23274709.
- 11) Spampinato C, Aguglia E, Concerto C, Pennisi M, **Lanza G**, Bella R, Cantone M, Pennisi G, Kavasidis I, Giordano D. Transcranial Magnetic Stimulation in the Assessment of Motor Cortex Excitability and Treatment of Drug-Resistant Major Depression. IEEE Trans Neural Syst Rehabil Eng 2013;21(3):391-403. doi: 10.1109/TNSRE.2013.2256432. PMID: 23559064.
- 12) Concerto C, **Lanza G**, Cantone M, Pennisi M, Giordano D, Spampinato C, Ricceri R, Pennisi G, Aguglia E, Bella R. Different patterns of cortical excitability in major depression and vascular depression: a transcranial magnetic stimulation study. BMC Psychiatry 2013;13:300. doi: 10.1186/1471-244X-13-300. PMID: 24206945.
- 13) Giuffrida S, Carpinteri G, Modica D, Pennisi M, Catalano A, Bella R, Pennisi G, Cornelius C, **Lanza G\***. Focal neurological deficit in acute anemia: case reports and review of the literature. World J Neurosci 2013;3(2):53-56. doi:10.4236/wjns.201332007.
- 14) **Lanza G\***, Vinciguerra L, Puglisi V, Modica D, Catalano A, Zelante G, Ricceri R, Lupo L, Giuffrida S, Pennisi M. Course of atypical manifestations of a case of Charcot-Marie-Tooth disease over 35 years of clinical observation. Neurosci Med 2013;4(3):145-149.
- 15) **Lanza G\***, Papotto M, Pennisi G, Bella R, Ferri R. Epileptic seizure as a precipitating factor of vascular progressive supranuclear palsy: a case report. J Stroke Cerebrovasc Dis 2014;23(5):e379-81. doi: 10.1016/j.jstrokecerebrovasdis.2013.12.043. PMID: 24656241.
- 16) Pennisi G, **Lanza G**, Giuffrida S, Vinciguerra L, Puglisi V, Cantone M, Pennisi M, D'Agate CC, Naso P, Aprile G, Malaguarnera G, Ferri R, Bella R. Excitability of the motor cortex in de novo patients with celiac disease. PLoS ONE 2014;9(7):e102790. doi: 10.1371/journal.pone.0102790. PMID: 25062250.
- 17) **Lanza G\***, Ferri R. Transcranial Magnetic Stimulation For Restless Legs Syndrome: Probing The Neurophysiological Basis Towards A Novel Therapeutic Tool? Neurol Res Ther OA 2014;1:105-6. doi: 10.14437/NRTOA-1-105.
- 18) **Lanza G\***, Lanuzza B, Aricò D, Cantone M, Cosentino FII, Pennisi M, Bella R, Pennisi G, Ferri R. Direct comparison of cortical excitability to transcranial magnetic stimulation in obstructive sleep apnea syndrome and restless legs syndrome. Sleep Med 2015;16(1):138-42. doi: 10.1016/j.sleep.2014.08.016. PMID: 25534710.
- 19) Concerto C, **Lanza G\***, Cantone M, Ferri R, Pennisi G, Bella R, Aguglia E. Repetitive transcranial magnetic stimulation in patients with drug-resistant major depression: A six-month clinical follow-up study. Int J Psychiatry Clin Pract 2015;19(4):252-8. doi: 10.3109/13651501.2015.1084329. PMID: 26398527.
- 20) **Lanza G\***, Cantone M, Lanuzza B, Pennisi M, Bella R, Pennisi G, Ferri R. Distinctive patterns of cortical excitability to transcranial magnetic stimulation in obstructive sleep apnea syndrome, restless legs

- syndrome, insomnia, and sleep deprivation. *Sleep Med Rev* 2015;19:39-50. doi: 10.1016/j.smrv.2014.04.001. PMID: 24849846.
- 21) Pennisi G, Bella R, **Lanza G**. Motor cortex plasticity in subcortical ischemic vascular dementia: what can TMS say? *Clin Neurophysiol* 2015;126:851–2. doi: 10.1016/j.clinph.2014.09.001. PMID: 25270240.
  - 22) **Lanza G\***, Papotto M, Pennisi G, Bella R, Ferri R. Unusual presentation of atypical akinetic-rigid syndrome after liver transplantation: a case report and review of the literature. *Acta Medica Medit* 2015;31:647-50.
  - 23) Bella R, **Lanza G**, Cantone M, Giuffrida S, Puglisi V, Vinciguerra L, Pennisi M, Ricceri R, D'Agate CC, Malaguarnera G, Ferri R, Pennisi G. Effect of a gluten-free diet on cortical excitability in adults with celiac disease. *PLoS ONE* 2015;10(6):e0129218. doi: 10.1371/journal.pone.0129218. PMID: 26053324.
  - 24) **Lanza G**, Vinciguerra L, Puglisi V, Giuffrida S, Foti P, Zelante G, Pennisi G, Bella R. Acute isolated trochlear nerve palsy in a patient with cavernous carotid aneurysm and visit-to-visit variability in systolic blood pressure. *Int J Stroke* 2015;10:E61. doi: 10.1111/ij.s.12552. PMID: 26202714.
  - 25) **Lanza G**. Editorial Board member interview. *Eur Med J Neurol* 2015;31:38.
  - 26) Pennisi M, **Lanza G**, Cantone M, Ricceri R, Spampinato C, Pennisi G, Di Lazzaro V, Bella R. Correlation between motor cortex excitability changes and cognitive impairment in Vascular Depression: pathophysiological insights from a longitudinal TMS study. *Neural Plast* 2016;2016:8154969. doi: 10.1155/2016/8154969. PMID: 27525127.
  - 27) Bella R, Cantone M, **Lanza G**, Ferri R, Vinciguerra L, Puglisi V, Pennisi M, Ricceri R, Di Lazzaro V, Pennisi G. Cholinergic circuitry functioning in patients with vascular cognitive impairment-no dementia. *Brain Stimul* 2016;9(2):225-33. doi: 10.1016/j.brs.2015.09.013. PMID: 26515786.
  - 28) **Lanza G\***, Lanuzza B, Aricò D, Cantone M, Cosentino FII, Pennisi M, Bella R, Pennisi G, Ferri R. Response to the Letter to the Editor “Cortical excitability in Restless Legs Syndrome”. *Sleep Med* 2016;21:175. doi: 10.1016/j.sleep.2015.09.002. PMID: 26459686.
  - 29) **Lanza G\***, Bachmann CG, Ghorayeb I, Wang Y, Ferri R, Paulus W. Central and peripheral nervous system excitability in Restless Legs Syndrome. *Sleep Med* 2017;31:49-60. doi: 10.1016/j.sleep.2016.05.010. PMID: 27745789.
  - 30) **Lanza G**, Ferri R, Bella R, Ferini-Strambi L. The impact of drugs for Multiple Sclerosis on sleep. *Mult Scler* 2017;23(1):5-13. doi: 10.1177/1352458516664034. PMID: 27503906.
  - 31) **Lanza G\***, Bramanti P, Cantone M, Pennisi M, Pennisi G, Bella R. Vascular Cognitive Impairment through the looking glass of Transcranial Magnetic Stimulation. *Behav Neurol* 2017;2017:1421326. doi: 10.1155/2017/1421326. PMID: 28348458.
  - 32) Cantone M, **Lanza G\***, Pennisi M, Bella R, Schepis C, Siragusa M, Barone R, Ferri R. Prominent neurological involvement in Dercum Disease. *J Neurol* 2017; 264(4):796-8. doi: 10.1007/s00415-017-8415-1. PMID: 28194532.
  - 33) Pennisi M, **Lanza G\***, Cantone M, Ricceri R, Ferri R, D'Agate CC, Pennisi G, Di Lazzaro V, Bella R. Cortical involvement in celiac disease before and after long-term gluten-free diet: a Transcranial Magnetic Stimulation study. *PLoS ONE* 2017;12(5):e0177560. doi: 10.1371/journal.pone.0177560. PMID: 28489931.
  - 34) Bordet R, Ihl R, Korczyn AD, **Lanza G**, Jansa J, Hoerr R, Guekht A. Towards the concept of disease-modifier in post-stroke or vascular cognitive impairment. *BMC Med* 2017;15(1):107. doi: 10.1186/s12916-017-0869-6. PMID: 28539119.

- 35) Cantone M, Bramanti A, **Lanza G\***, Pennisi M, Bramanti P, Pennisi G, Bella R. Cortical plasticity in depression. *ASN Neuro* 2017;9(3):1759091417711512. doi: 10.1177/1759091417711512. PMID: 28629225.
- 36) Pennisi M, **Lanza G\***, Cantone M, Schepis C, Ferri R, Barone R, Bella R. Unusual neurological presentation of Nevoid Basal Cell Carcinoma Syndrome (Gorlin-Goltz Syndrome). *J Clin Neurol* 2017;13(4):1-3. doi: 10.3988/jcn.2017.13.4.439. PMID: 28884983.
- 37) **Lanza G**, Kosac A, Trajkovic G, Whittaker RG. Nerve conduction studies as a measure of disease progression: objectivity or illusion? *J Neuromuscul Dis* 2017;4(3):209-15. doi: 10.3233/JND-170243. PMID: 28869485.
- 38) Pennisi M, Bramanti A, Cantone M, Pennisi G, Bella R, **Lanza G\***. Neurophysiology of the “Celiac Brain”: Disentangling Gut-brain Connections. *Front Neurosci* 2017;11:498. doi: 10.3389/fnins.2017.00498. PMID: 28928632.
- 39) Zelante G, Ricceri R, **Lanza G\***, Fiumanò G, Pennisi G, Bella R. Retroclival subdural haematoma after lumbar puncture: an uncommon complication for a common procedure. *Neurol India* 2017;65(6):1400-1. doi: 10.4103/0028-3886.217963. PMID: 29133721
- 40) **Lanza G\***, Cantone M, Aricò D, Lanuzza B, Cosentino FII, Paci D, Papotto M, Pennisi M, Bella R, Pennisi G, Paulus W, Ferri R. Clinical and electrophysiological impact of low-frequency rTMS on the sensory-motor network in patients with restless legs syndrome. *Ther Adv Neurol Disord* 2018;11:1-12. doi: 10.1177/1756286418759973. PMID: 29511386.
- 41) **Lanza G\***, Cantone M, Musso S, Borgione E, Scuderi C, Ferri R. Early-onset subcortical ischemic vascular dementia in an adult with mtDNA mutation 3316G>A. *J Neurol* 2018;265(4):968-969. doi: 10.1007/s00415-018-8795-x. PMID: 29464373.
- 42) **Lanza G\***, Lanuzza B, Aricò D, Cantone M, Cosentino FII, Bella R, Pennisi G, Ferri R, Pennisi M. Impaired short-term plasticity in Restless Legs Syndrome: a pilot rTMS study. *Sleep Med* 2018;46:1-4. doi: 10.1016/j.sleep.2018.02.008. PMID: 29773202.
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- 44) **Lanza G\***, Centonze SS, Destro G, Vella V, Bellomo M, Pennisi M, Bella R, Ciavardelli D. Shiatsu as an adjuvant therapy for depression in patients with Alzheimer’s disease: a pilot study. *Complement Ther Med* 2018;38:74-8. doi: 10.1016/j.ctim.2018.04.013. PMID: 29857884.
- 45) Puglisi V, Bramanti A, **Lanza G**, Cantone M, Vinciguerra L, Pennisi M, Bonanno L, Pennisi G, Bella R. Impaired cerebral haemodynamics in Vascular Depression: insights from Transcranial Doppler ultrasonography. *Front Psychiatry* 2018;9:316. doi: 10.3389/fpsy.2018.00316. PMID: 30061847.
- 46) **Lanza G**. Editorial Board member interview. *Eur Med J Neurol* 2018;6(1):39-42.
- 47) **Lanza G\***, Bella R, Cantone M, Pennisi G, Ferri R, Pennisi M. Cognitive impairment and Celiac Disease: is Transcranial Magnetic Stimulation a trait d’union between gut and brain? *Int J Mol Sci* 2018;19:2243. doi:10.3390/ijms19082243. PMID: 30065211.
- 48) **Lanza G\***. Giuseppe Lanza Research Interest. *JSM Health Educ Prim Health Care* 2018;3(1):1041.
- 49) Cali F, Cantone M, Cosentino FII, **Lanza G**, Ruggeri G, Chiavetta V, Salluzzo R, Ragalmuto A, Vinci M, Ferri R. Interpreting genetic variants: hints from a family cluster of Parkinson’s disease. *J Parkinsons Dis* 2019;9(1):203-6. doi: 10.3233/JPD-171292. PMID: 30400105.

- 50) **Lanza G\***, Centonze SS, Destro G, Vella V, Bellomo M, Pennisi M, Bella R, Ciavardelli D. Comment on “Shiatsu as an adjuvant therapy for depression in patients with Alzheimer’s disease: a pilot study”. *J Evid Based Integr Med* 2019;24:1-4. doi: 10.1177/2515690X18825105. PMID: 30789056.
- 51) **Lanza G\***, Ferri R. The Neurophysiology of Hyperarousal in RLS: Hints for a Role of Glutamate/GABA. *Adv Pharmacol* 2019;84(5):101-19. doi: 10.1016/bs.apha.2018.12.002. PMID: 31229167.
- 52) Pennisi M, Di Bartolo G, Malaguarnera G, Bella R, **Lanza G**, Malaguarnera M. Vitamin D serum levels in patients with statin induced musculoskeletal pain. *Dis Markers* 2019;2019:3549402. doi: 10.1155/2019/3549402. PMID: 31019583.
- 53) Vinciguerra L, **Lanza G\***, Puglisi V, Pennisi M, Cantone M, Bramanti A, Pennisi G, Bella R. Transcranial Doppler ultrasound in vascular cognitive impairment-no dementia. *PLoS ONE* 14(4):e0216162. doi: 10.1371/journal.pone.0216162. PMID: 31017968.
- 54) Cantone M, **Lanza G\***, Vinciguerra L, Puglisi V, Ricceri R, Fiscaro F, Vagli C, Bella R, Ferri R, Pennisi G, Di Lazzaro V, Pennisi M. Age, Height, and Sex on Motor Evoked Potentials: Translational Data from a Large Italian Cohort in a Clinical Environment. *Front Hum Neurosci* 2019;13:185. doi: 10.3389/fnhum.2019.00185. PMID: 31214003.
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- 57) Fiscaro F, **Lanza G\***, Grasso AA, Pennisi G, Bella R, Paulus W, Pennisi M. Repetitive transcranial magnetic stimulation in stroke rehabilitation: review of the current evidences and pitfalls. *Ther Adv Neurol Disord* 2019;12:1-22. doi: 10.1177/1756286419878317. PMID: 31598137.
- 58) Pennisi M, Malaguarnera G, Di Bartolo G, **Lanza G**, Bella R, Chisari EM, Cauli O, Vicari E, Malaguarnera M. Decrease in serum Vitamin D level of older patients with fatigue. *Nutrients* 2019;11(10). pii: E2531. doi: 10.3390/nu11102531. PMID: 31635199.
- 59) Vinciguerra L, Cantone M, **Lanza G**, Bramanti A, Santalucia P, Puglisi V, Pennisi G, Bella R. Migrainous infarction and cerebral vasospasm: case report and literature review. *J Pain Res* 2019;12:2941-50. doi: 10.2147/JPR.S209485. PMID: 31695483.
- 60) **Lanza G**, Cantone M, Puglisi V, Vinciguerra L, Fiscaro F, Vagli C, Bella R, Pennisi G, Di Lazzaro V, Pennisi M. “Mute” plantar response: does the cortico-spinal tract “speak”? *Brain Stimul* 2019;12:1579-80. doi: 10.1016/j.brs.2019.07.008. PMID: 31362869.
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ABSTRACTS ACCEPTED AT NATIONAL OR INTERNATIONAL MEETINGS, PUBLISHED IN INDEXED INTERNATIONAL JOURNALS (\* = presenting author)

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- 25) **Lanza G\***, Cosentino FII, Lanuzza B, Tripodi M, Aricò D, Cumbo E, Fisicaro F, Bella R, Pennisi M, Ferri R. Electrocortical similarity between isolated RBD and Parkinson's disease with RBD: a pilot single- and paired-pulse TMS study. 66<sup>o</sup> National Congress of the Italian Society of Clinical Neurophysiology (SINC). Palermo (Italy), May 18-21, 2022.
- 26) **Lanza G\***, Cosentino FII, Lanuzza B, Tripodi M, Aricò D, Cumbo E, Fisicaro F, Bella R, Pennisi M, Ferri R. Electrocortical overlap between isolated RBD and Parkinson's disease with RBD: A pilot TMS study. XXXII National Congress of the Italian Association of Sleep Medicine (AIMS). Rimini (Italy), September 15-17, 2022.
- 27) **Lanza G\***, Fisicaro F, Ferri R, Pennisi G, Bella R, Pennisi M. Non-invasive brain stimulation techniques in sleep disorders: from neurophysiology to neuromodulation. 2<sup>nd</sup> Meeting della Società Italiana Ricerca Traslationale e Professioni Sanitarie (SIRTEPS): Translational research, biotechnology and health care: a wink to the future. L'Aquila (Italy), November 3-4, 2022.
- 28) Kavasidis I, Pennisi Matteo, Spitaleri A, Spampinato C, Pennisi Manuela, **Lanza G**, Bella R, Giordano D. REHASTART: Cognitive Tele-Rehabilitation Empowered by Vision Transformers. International Conference on Biomedical and Health Informatics (ICBHI 2022). Concepción (Chile), November 24-26, 2022.
- 29) **Lanza G\***, Cosentino FII, Lanuzza B, Tripodi M, Morreale M, Toscano G, Aricò D, Galeano A, Bella R, Fisicaro F, Pennisi M, Ferri R. Neurophysiological markers of cognition in patients with sleep disorders: hints from Transcranial Magnetic Stimulation. II Annual Meeting of the IRCCS Network of Neurosciences and Neurorehabilitation (RIN). Bologna (Italy), December 15-16, 2022.
- 30) Salemi M, Marchese G, Salluzzo MG, **Lanza G**, Ravo M, Ferri R. Study of the transcriptome in the "Substantia nigra" of subjects with Parkinson's disease. II Annual Meeting of the IRCCS Network of Neurosciences and Neurorehabilitation (RIN). Bologna (Italy), December 15-16, 2022.

#### SCIENTIFIC PUBLICATIONS IN ITALIAN JOURNALS

- 1) Arizza L, Barbarino G, Calà N, D'Amico E, **Lanza G**, Modica D, Quattrocchi G. Approccio clinico e possibilità di trattamento nella SLA. *Formazione Psichiatrica* n. 1 e 2, Gennaio – Giugno 2008.
- 2) Arizza L, Barbarino G, Calà N, D'Amico E, **Lanza G**, Modica D, Quattrocchi G. Morfometria delle strutture del tronco encefalico in pazienti affetti da atassia spino-cerebellare tipo 2 (SCA 2): indicatore diagnostico e riabilitativo? *Formazione Psichiatrica* n. 1 e 2, Gennaio – Giugno 2008.
- 3) Arizza L, Barbarino G, Calà N, D'Amico E, **Lanza G**, Modica D, Quattrocchi G. La sindrome disesecutiva nel Mild Cognitive Impairment: aspetti clinici e possibilità riabilitative. *Formazione Psichiatrica* n. 1 e 2, Gennaio – Giugno 2008.

#### OTHER PUBLICATIONS, ORAL COMMUNICATIONS, AND LECTURES

- 1) Clinical Case presentations at the School of Neurology Educational Meeting Series (2008-2012), University of Catania, Catania (Italy).
- 2) Role of Transcranial Doppler in the acute stroke. Educational and update meeting on Transient Ischemic Attacks (TIA). University of Catania, Catania (Italy), December 5-6, 2011.
- 3) Presentation of 10 clinical cases. Educational and update meeting on Transient Ischemic Attacks (TIA). Catania (Italy), December 12-13, 2011.

- 4) Transcranial Magnetic Stimulation in Vascular Cognitive Impairment: neurophysiological and clinical implications. “*Cheese & Wine seminars*”, Institute of Neuroscience, Newcastle University, Newcastle-upon-Tyne (UK), February 20, 2013
- 5) Transcranial Magnetic Stimulation in Vascular Cognitive Impairment. The 10<sup>th</sup> update course on brain aging and dementia. Catania (Italy), April 3-6, 2013.
- 6) Sleep and dreams. Launching meeting promoted by the social and cultural association “*Millementi*”, Public Library of Niscemi (Italy), December 13, 2013.
- 7) Sleep and dreams. Launching meeting promoted by the “*Società Operaia Cooperativa di Mutuo Soccorso*”, Vizzini (Italy), January 26, 2014.
- 8) Sleep and dreams. “*Coffee & Science Seminars*”, promoted by the social and cultural association “*Stelle e Ambiente*”, Herborarium Museum of Catania (Italy), October 5, 2014.
- 9) Signs and symptoms of Parkinson’s disease. Meeting on Parkinson’ disease: diagnosis, treatment and patient management. Oasi Research Institute – IRCCS, Troina (Italy), November 15, 2014
- 10) Stroke and TIA. Outpatient Clinic “*Casa Salute*”, Vizzini (CT)
- 11) Effects of the modulation of sensory or motor cortical excitability by rTMS in RLS. Symposium S46: Advances in experimental studies of RLS: neurophysiological and neuropharmacological aspects. 6<sup>th</sup> World Congress on Sleep Medicine, World Association of Sleep Medicine (WASM) – Seoul (Korea), March 21-25, 2015.
- 12) Repetitive TMS on primary sensorimotor areas of patients with RLS: a “proof of evidence” study. XXV National Congress of the Italian Association of Sleep Medicine (AIMS). Cagliari (Italy), October 1-3, 2015.
- 13) Is there an evidence of the disease-modifying effect of the non-pharmacological strategies? 9<sup>th</sup> International Congress on Vascular Dementia (ICVD), Ljubljana (Slovenia), 16-18 October, 2015.
- 14) Discussion on spinal and cortical excitability hyperarousal. International RLS Study Group (IRLSSG) and European RLS Study Group (EU-RLSSG) 2015 Science Summit. Monterey (California, USA), 22-26 October, 2015.
- 15) Vascular Depression in elderly patients with leukoaraiosis: a Transcranial Magnetic Stimulation follow-up study. Regional Congress of the Italian Neurological Society (SIN). Siracusa (Italy), January 22-23, 2016.
- 16) Clinical assessment of stroke in young adults. Education and update meeting on cerebral stroke in paediatric age and young adults. University of Catania, Catania (Italy), April 4-5, 2016.
- 17) Introduction of the CME event titled “Atypical parkinsonism: from correct identification to pluridisciplinar management”, at Oasi Research Institute – IRCCS, Troina (Italy), May 14, 2016.
- 18) Impaired short-term cortical plasticity in Restless Legs Syndrome: a pilot rTMS study. XXVI National Congress of the Italian Association of Sleep Medicine (AIMS). Bologna (Italy), September 12-13, 2016.
- 19) Physiology and pathophysiology of the cerebral circulation. Basic course of Neurosonology. University of Catania (Italy), September 22-23, 2016.
- 20) Pharmacological innovations in depression. First Regional Congress of the Italian Association of Outpatient clinic and territorial Neurologists (AINAT). Catania (Italy), November 17-18, 2016.
- 21) Sleep and dreams. Conference promoted by the “*Centro Polispecialistico Multimedical*”, Misterbianco (Italy), February 18, 2017.
- 22) Vascular Cognitive Impairment: symptomatology, classification and pathophysiology. CME event titled “New clinical-pathophysiological assessment of Vascular Dementia”, at Oasi Research Institute – IRCCS, Troina (Italy), June 17, 2017

- 23) Clinical-electrophysiological impact of low-frequency rTMS over the sensory-motor network in Restless Legs Syndrome. XXVII National Congress of the Italian Association of Sleep Medicine (AIMS). Bolzano (Italy), September 28-30, 2017.
- 24) Vascular Cognitive Impairment and Neuroplasticity. 9<sup>th</sup> National Congress of the Italian Society of Neurosonology and Cerebral Hemodynamic (SINSEC). Catania (Italy), October 26-28, 2017.
- 25) Nutrition and Psyche: Psychopathology, Psychotherapy and Psychonutraceutical. International Scientific Seminars «Mind in the Clouds». Superior Institute for the Cognitive Sciences – Clinical Center “Aleteia”. Enna (Italy), November 10, 2017.
- 26) Cognitive Impairment of vascular origin: diagnosis and management. Second Regional Congress of the Italian Association of Outpatient Clinic and Territorial Neurologists (AINAT). Acicastello (Italy), November 16-18, 2017.
- 27) Clinical cases. Education and update meeting on stroke and related medical diseases. University of Catania, Catania (Italy), November 24, 2017.
- 28) First Aid of the epileptic subjects. Seminar on “Elements of First Aid in Sports”. “Kore” University of Enna (Italy), February 28, 2018.
- 29) User assessment tools in TAA / EAA in patients with Parkinson’s disease. Basic course for TAA/EAA project managers and intervention referents (N° ID: 118C18), promoted by the Italian National Health Institute and the Oasi Research Institute – IRCCS, Troina (Italy), in cooperation with the University of Messina (Italy). April 18, 2018.
- 30) Electromagnetic waves and sleep disorders. Outpatient Clinic “*Casa Salute*”, Vizzini (Italy). April 28, 2018.
- 31) Physiology and pathophysiology of the cerebral circulation and cerebral vasoreactivity evaluation. Theory-Practical course of basic and advanced Neurosonology. University of Catania (Italy), May 10-11, 2018.
- 32) Transcranial magnetic stimulation study of early markers of neurodegeneration in patients with Rem-sleep Behavior Disorder. XXVIII National Congress of the Italian Association of Sleep Medicine (AIMS). Taormina (Italy), October 04-06, 2018.
- 33) Clinical and neuroplastic effect of inhibitory rTMS on the sensory-motor cortical areas in RLS: a proof of concept study. Fourth NeuroMI International Meeting. Brain Stimulation and Brain Plasticity: from Basic Research to Clinical Practice. Milan (Italy), November 21-23, 2018.
- 34) Effects of age, height, and sex on motor evoked potentials to magnetic stimulation: data from a large Italian cohort in a real-world clinical setting. 5<sup>th</sup> Congress of the European Academy of Neurology (EAN). Oslo (Norway), June 29 – July 02, 2019.
- 35) Facilitatory/inhibitory intracortical imbalance in REM sleep Behavior Disorder: markers elettrofisiologici precoci di neurodegenerazione? XXIX National Congress of the Italian Association of Sleep Medicine (AIMS). Genoa (Italy), September 13-15, 2019.
- 36) Non-invasive brain stimulation and RLS: Clinical, electrophysiological and neuroplastic effects. 15<sup>th</sup> World Sleep Congress (WSC). Vancouver (Canada), September 20-25, 2019.
- 37) Cortical excitability and dementia: the contribution of Transcranial Magnetic Stimulation. CME event titled “New perspectives in the diagnosis and treatment of dementias”, at Oasi Research Institute – IRCCS, Troina (Italy), October 24, 2019.
- 38) Mild Cognitive Impairment: diagnostic framework and therapeutic strategies. CME event titled “Cognitive disorders and dementia: from integrated management to care pathways” organized by the

Department of Mental Health - UOSD Alzheimer's and Psychogeriatrics Center, Local Health Agency of Catania (ASP 3). Viagrande (Italy), November 29-30, 2019.

- 39) Trigger C12: In-Hospital stroke. CME event “The Global Trigger Tool Methodology”, Policlinico University Hospital, Catania. December 03, 2019.
- 40) Reti Cliniche Tempo-Dipendenti. Rete del Trauma Maggiore – Percorso Diagnostico Terapeutico Assistenziale. Allegato n. 1) al D.A. 547 - Regione Siciliana, published on the Official Regional Journal – suppl. 2 (p. I), n. 38 of July 10, 2020 (n. 24).
- 41) TMS and cortical excitability in REM behavior disorder. Neurology symposium “The neurophysiology of RBD: from the brainstem and beyond.” 25<sup>th</sup> Congress of the European Sleep Research Society (ESRS), September 22-24, 2020 – Virtual Edition.
- 42) Epiaortic color Doppler and transcranial Doppler sonography. Approach to the Neurosonology Symposium. 51<sup>o</sup> National Congress of the Italian Neurological Society (SIN) – Virtual Edition. November 28-30, 2020.
- 43) Parenchymal cerebral transcranial sonography: uptodate. XIX National Course Ultrasonology Diagnosis and Therapy. Bertinoro, September 29 – October 02, 2021.
- 44) Dementias: correlation between neuroimaging and clinical manifestations. CME event titled “The psychogeriatric patient between soma, psyche and cognition” organized by the Department of Mental Health -UOSD Alzheimer's and Psychogeriatrics Center, Local Health Agency of Catania (ASP 3). Viagrande (Italy), November 05-06, 2021.
- 45) Transcranial Doppler (TCD) and Transcranial Color Doppler (TCCD) in the study of the cerebral arterial circulation - Collateral flows and vasomotor reserve. 28<sup>o</sup> National Congress of the Italian Society of Ultrasonology in Medicine and Biology (SIUMB). November 13-16, 2021.
- 46) Neurological involvement and diagnostic. Multidisciplinary diagnostic-therapeutic pathway of the patient with Anderson-Fabry disease (AFD). Virtual Project of CME 2021, November 18, 2021.
- 47) Non-invasive brain stimulation techniques in Restless Legs Syndrome: from electrophysiology to neuromodulation. 7<sup>th</sup> Huaxia International Neurology Forum, Beijing (China), November 20-21, 2021.
- 48) Electrocortical overlap between isolated RBD and Parkinson’s disease with RBD: a pilot TMS study. 16<sup>th</sup> World Sleep Congress (WSC). Rome (Italy), March 11-16, 2022.
- 49) ISS COVID-19 Report No. 61/2020. The management of the patient with dementia in the care relationship. Oasi Research Institute – IRCCS, Troina (Italy), June 08, 2022.
- 50) Pharmacological intervention for non-cognitive disorders. The management of the patient with dementia in the care relationship. Oasi Research Institute – IRCCS, Troina (Italy), June 14 and November 18, 2022.
- 51) “Tell me what you dream and I'll tell you what you will become”: early neurophysiological markers of Parkinson's disease in patients with REM sleep Behavioral Sleep Disorder (RBD). TaoBuk Taormina Book Festival – XII Edition. Taormina (Italy), June 16-20, 2022.
- 52) REM Sleep Behavior Disorder. Encyclopedia 2022; <https://encyclopedia.pub/entry/24398>.
- 53) Non-invasive brain stimulation techniques in sleep disorders: from neurophysiology to neuromodulation. 2<sup>nd</sup> Meeting SIRTEPS (Italian Society for Translational Research and Healthcare Professionals): Translational research, biotechnology and health care: a wink to the future. L’Aquila (Italy), November 3-4, 2022.
- 54) Dementia and protective factors: from neurotrophics to nutraceuticals. CME event titled “Dementia and cognitive disorders. The value of prevention” organized by the Regional Congress of the Italian Association of Psychogeriatrics. Viagrande (Italy), November 25-26, 2022.

55) Neurosonology in Aging. 52° National Congress of the Italian Neurological Society (SIN). Milan (Italy),  
December 03-06, 2022.

A handwritten signature in black ink, appearing to read 'Giuseppe Lanza', written in a cursive style.

**PROFESSOR GIUSEPPE LANZA**

**CATANIA, APRIL 13, 2023**