

## ELENCO PUBBLICAZIONI SCIENTIFICHE PROF. GIUSEPPE LANZA (AGG. AL 28/01/2023)

### PUBBLICAZIONI SU RIVISTE SCIENTIFICHE INTERNAZIONALI PEER-REVIEWED ED INDICIZZATE (in ordine cronologico; \* = 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. doi: 10.4236/nm.2013.43023.
- 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 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 Nevroid 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: 10.1177/1756285618759973. 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.
- 43) Cantone M, Catalano MA, **Lanza G\***, La Delfa G, Ferri R, Pennisi M, Bella R, Pennisi G, Bramanti A. Motor and perceptual recovery in adult patients with mild intellectual disability. *Neural Plast* 2018;2018: 3273246. doi: 10.1155/2018/3273246. PMID: 29849555.
- 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/fpsyt.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) Calì 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* 2019 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.
- 55) Cantone M, **Lanza G\***, Bella R, Pennisi G, Santalucia P, Bramanti P, Pennisi M. Fear and disgust: case report of two uncommon emotional disturbances evoked by visual disperceptions after a right temporal-insular stroke. *BMC Neurol* 2019;19(1):193. doi: 10.1186/s12883-019-1417-0. PMID: 31409291.
- 56) Cantone M, **Lanza G\***, Le Pira A, Barone R, Pennisi G, Bella R, Pennisi M, Fiumara A. Adjunct diagnostic value of Transcranial Magnetic Stimulation in mucopolysaccharidosis-related cervical myelopathy: a pilot study. *Brain Sci* 2019;9(8):200; doi: 10.3390/brainsci9080200. PMID: 31416150.
- 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.
- 61) Brown P, RELISH Consortium (**Lanza G**), Zhou Y. Large expert-curated database for benchmarking document similarity detection in biomedical literature search. *Database* 2019;2019:baz085. doi: 10.1093/database/baz085. PMID: 33326193.
- 62) **Lanza G\***, Casabona JA, Bellomo M, Cantone M, Fiscaro F, Bella R, Pennisi G, Bramanti P, Pennisi M, Bramanti A. Update on Intensive Motor Training in Spino-cerebellar Ataxia: time to move a step forward? *J Int Med Res* 2020;48(2):300060519854626. doi: 10.1177/0300060519854626. PMID: PMID: 31537137.

- 63) **Lanza G\***, Pino M, Fiscaro F, Vagli C, Cantone M, Pennisi M, Bella R, Bellomo M. Motor activity and Becker's muscular dystrophy: lights and shadows. *Phys Sportsmed*. 2020;48(2):151-160. doi: 10.1080/00913847.2019.1684810. PMID: 31646922.
- 64) **Lanza G\***, Aricò D, Lanuzza B, Cosentino FII, Tripodi M, Giardina F, Bella R, Puligheddu M, Pennisi G, Ferri R, Pennisi M. Facilitatory/inhibitory intracortical imbalance in REM-sleep Behavior Disorder: early electrophysiological marker of neurodegeneration? *Sleep* 2020;40(3):1-10. doi: 10.1093/sleep/zsz242. PMID: 31599326.
- 65) Fiscaro F, **Lanza G\*\***, Bella R, Pennisi M. "Self-neuroenhancement": the last frontier of non-invasive brain stimulation? *J Clin Neurol* 2020;16(1):158-9. doi: 10.3988/jcn.2020.16.1.158. PMID: 31942774.
- 66) **Lanza G\***, Scalise A. The present and the future of Transcranial Magnetic Stimulation in Restless Legs Syndrome. *Sleep Med* 2020;71:122-3. doi: 10.1016/j.sleep.2020.02.002. PMID: 32151506.
- 67) **Lanza G\***. Repetitive TMS for sleep disorders: are we ready? *Sleep Med* 2020;71:111-2. doi: 10.1016/j.sleep.2020.03.001. PMID: 32386885.
- 68) Vinciguerra L, **Lanza G\*\***, Puglisi V, Fiscaro F, Pennisi M, Bella R, Cantone M. Update on the Neurobiology of Vascular Cognitive Impairment: From Lab to Clinic. *Int J Mol Sci* 2020;21(8):E2977. doi: 10.3390/ijms21082977. PMID: 32340195.
- 69) Giardina F, **Lanza G\*\***, Calì F, Ferri R. Late-onset oro-facial dyskinesia in Spinocerebellar Ataxia type 2: a case report. *BMC Neurol* 2020;20(1):156. doi: 10.1186/s12883-020-01739-8. PMID: 32340607.
- 70) Pennisi M, **Lanza G\*\***, Cantone M, D'Amico E, Fiscaro F, Puglisi V, Vinciguerra L, Bella R, Vicari E, Malaguarnera G. Acetyl-L-carnitine in Dementia and Other Cognitive Disorders: a Critical Update. *Nutrients* 2020;12:1389. doi: 10.3390/nu12051389. PMID: 32408706.
- 71) Zanghì A, Cimino S, Urzì D, Privitera S, Zagari F, **Lanza G**, Patti F, D'Amico E. Pharmacotherapeutic management of lower urinary tract symptoms in Multiple Sclerosis patients. *Expert Opin Pharmacother* 2020;21(12):1449-54. doi: 10.1080/14656566.2020.1767068. PMID: 32452702.
- 72) **Lanza G**, Calì F, Vinci M, Cosentino FII, Tripodi M, Spada RS, Cantone M, Bella R, Mattina T, Ferri R. A customized Next-Generation Sequencing-based panel to identify novel genetic variants in dementing disorders: a pilot study. *Neural Plast* 2020;8078103:1-10. doi: 10.1155/2020/8078103. PMID: 32908482.
- 73) Pennisi M, **Lanza G\***, Falzone L, Fiscaro F, Ferri R, Bella R. SARS-CoV-2 and the Nervous System: From Clinical Features to Molecular Mechanisms. *Int J Mol Sci* 2020;21(15):E5475. doi: 10.3390/ijms21155475. PMID: 32751841.

- 74) Vagli C, Fiscaro F, Vinciguerra L, Puglisi V, Rodolico MS, Giordano A, Ferri R, **Lanza G<sup>#</sup>**, Bella R. Cerebral Hemodynamic Changes to Transcranial Doppler in Asymptomatic Patients with Fabry's Disease. *Brain Sci* 2020;10(8):546. doi: 10.3390/brainsci10080546. PMID: 32806660.
- 75) Tsatsakis A, Calina D, Falzone L, Petrakis D, Mitrut R, Siokas V, Pennisi M, **Lanza G**, Libra M, Doukas SG, Doukas PG, Kavali L, Amar B, Gadiparthi C, Vageli DP, Kofteridis DP, Spandidos DA, Paoliello MMB, Aschner M, Docea AO. SARS-CoV-2 pathophysiology and its clinical implications: An integrative overview of the pharmacotherapeutic management of COVID-19. *Food Chem Toxicol* 2020;146:111769. doi: 10.1016/j.fct.2020.111769. PMID: 32979398.
- 76) Veroux M, Monte IP, Rodolico MS, Corona D, Bella R, Basile A, Palmucci S, Pistorio ML, **Lanza G**, De Pasquale C, Veroux P. Screening for Fabry disease in kidney transplant recipients: experience of a multidisciplinary team. *Biomedicines* 2020;8(10):396. doi: 10.3390/biomedicines8100396. PMID: 33036343.
- 77) Cantone M, **Lanza G<sup>#</sup>**, Fiscaro F, Pennisi M, Bella R, Di Lazzaro V, Di Pino G. Evaluation and treatment of vascular cognitive impairment by transcranial magnetic stimulation. *Neural Plast* 2020;8820881:1-17. doi: 10.1155/2020/8820881. PMID: 33193753.
- 78) Catania VE, Malaguarnera G, Fiorenza G, Chisari EM, Lipari AR, Gallina V, Pennisi M, **Lanza G**, Malaguarnera M. Hepatitis C Virus Infection Increases Fatigue in Health Care Workers. *Diseases* 2020;8(4):E37. doi: 10.3390/diseases8040037. PMID: 33076215.
- 79) **Lanza G<sup>\*</sup>**, Puglisi V, Vinciguerra L, Fiscaro F, Vagli C, Cantone M, Pennisi G, Pennisi M, Bella R. TMS Correlates of Pyramidal Tract Signs and Clinical Motor Status in Patients with Cervical Spondylotic Myelopathy. *Brain Sci* 2020;10:806; doi: 10.3390/brainsci10110806. PMID: 33142762.
- 80) Fiscaro F, **Lanza G<sup>#</sup>**, Cantone M, Ferri R, Pennisi G, Nicoletti A, Zappia M, Bella R, Pennisi M. Clinical and Electrophysiological Hints to TMS in *de novo* patients with Parkinson's Disease and Progressive Supranuclear Palsy. *J Pers Med* 2020;10(4): 274. doi: 10.3390/jpm10040274. PMID: 33322688.
- 81) **Lanza G<sup>\*</sup>**. Repetitive TMS for the "cognitive tsunami" of sleep deprivation. *Sleep Med* 2021;77:279-80. doi: 10.1016/j.sleep.2020.11.010. PMID: 33234438.
- 82) Cantone M, **Lanza G<sup>\*</sup>**, Puglisi V, Vinciguerra L, Mandelli J, Fiscaro F, Pennisi M, Bella R, Ciurleo R, Bramanti A. Hypertensive Crisis in Acute Cerebrovascular Diseases Presenting at the Emergency Department: A Narrative Review. *Brain Sci* 2021;11(1):E70. doi: 10.3390/brainsci11010070. PMID: 33430236.
- 83) Fiscaro F, Di Napoli M, Liberto A, Fanella M, Di Stasio F, Pennisi M, Bella R, **Lanza G<sup>#</sup>**, Mansueto G. Neurological Sequelae in Patients with COVID-19: A Histopathological Perspective. *Int J Environ Res Public Health* 2021;18(4):1415. doi: 10.3390/ijerph18041415. PMID: 33546463.



- 84) Fiscaro F, **Lanza G\*#**, Pennisi M, Vagli C, Cantone M, Pennisi G, Ferri R, Bella R. Moderate Mocha Coffee Consumption Correlates with Higher Cognitive and Mood Status in a Non-demented Elderly Population with Subcortical Ischemic Vascular Disease. *Nutrients* 2021;13(2):536; doi: 10.3390/nu13020536. PMID: 33562065.
- 85) Godani M, **Lanza G\*#**, Trevisan L, Ferri R, Bella R. An unusual gait disorder at the Emergency Department: role of the quantitative assessment of parenchymal transcranial Doppler sonography. *Quant Imaging Med Surg* 2021;11(5):2195-200. doi: 10.21037/qims-20-982. PMID: 33936999.
- 86) Fiscaro F, **Lanza G\*#**, D'Agate CC, Ferri R, Cantone M, Falzone L, Pennisi G, Bella R, Pennisi M. Intracortical and Intercortical Motor Disinhibition to Transcranial Magnetic Stimulation in Newly Diagnosed Celiac Disease Patients. *Nutrients* 2021;13(5):1530. doi: 10.3390/nu13051530. PMID: 34062843.
- 87) **Lanza G\***, Cosentino FII, Ferri R, Lanuzza B, Siragusa M, Tripodi M, Schepis C. Cognitive impairment in in-patients with prurigo nodularis and psychiatric comorbidities. *Int J Environ Res Public Health* 2021;18:6265. doi: 10.3390/ijerph18126265. PMID: 34207921.
- 88) Cantone M, **Lanza G**, Ranieri F, Opie GM, Terranova C. Editorial: Non-Invasive Brain Stimulation in the Study and Modulation of Metaplasticity in Neurological Disorders. *Front Neurol* 2021;12:721906. doi: 10.3389/fneur.2021.721906. PMID: 34276553.
- 89) Di Lazzaro V, Bella R, Benussi A, Bologna M, Borroni B, Capone F, Chen KHS, Chen R, Chistyakov AV, Classen J, Kiernan MC, Koch G, **Lanza G**, Lefaucheur JP, Matsumoto H, Nguyen JP, Orth M, Pascual-Leone A, Rektorova I, Simko P, Taylor JP, Tremblay S, Ugawa Y, Dubbioso R, Ranieri F. Diagnostic contribution and therapeutic perspectives of transcranial magnetic stimulation in dementia. *Clin Neurophysiol* 2021;132(10):2568-607. doi: 10.1016/j.clinph.2021.05.035. PMID: 34482205.
- 90) 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: 10.1016/j.sleep.2021.10.025. PMID: 34740168.
- 91) **Lanza G\***, Godani M, Ferri R, Raggi A. Impact of COVID-19 pandemic on the neuropsychiatric status of Wilson's disease. *World J Gastroenterol* 2021;27(39):6733-6. doi: 10.3748/wjg.v27.i39.6733. PMID: 34754164.
- 92) Raggi A, **Lanza G\***, Ferri R. Review on P300 in Obsessive-Compulsive Disorder. *Front Psychiatry* 2021;12:751215. doi: 10.3389/fpsy.2021.751215. PMID: 34887786.
- 93) **Lanza G\***, Fiscaro F, D'Agate CC, Ferri R, Cantone M, Falzone L, Pennisi G, Bella R, Hadjivassiliou M, Pennisi M. Preserved central cholinergic functioning to transcranial magnetic stimulation in *de novo* patients with celiac disease. *PLoS One* 2021;16(12):e0261373. doi: 10.1371/journal.pone.0261373. PMID: 34914787.

- 94) Mogavero MP, Cosentino FII, Lanuzza B, Tripodi M, **Lanza G**, Aricò D, DelRosso LM, Pizza F, Plazzi G, Ferri, R. Increased Serum Prolactin and Excessive Daytime Sleepiness: An Attempt of Proof-of-Concept Study. *Brain Sci* 2021;11:1574. doi: 10.3390/brainsci11121574. PMID: 34942875.
- 95) Figorilli M, **Lanza G**, Congiu P, Lecca R, Casaglia E, Mogavero MP, Puligheddu M, Ferri, R. Neurophysiological Aspects of REM Sleep Behavior Disorder (RBD): A Narrative Review. *Brain Sci* 2021;11:1588. doi: 10.3390/brainsci11121588. PMID: 34942893.
- 96) La Verde M, Torella M, **Lanza G**, Rapisarda AMC, Morlando M, Cianci S, Colacurci N, Capristo C, Torre C, De Franciscis P, Riemma G. Objective and quantitative evaluation of fetal hiccups by computerized cardiotocography: a prospective observational study. *J Gynecol Obstet* 2021;33(4):249-55. doi: 10.36129/jog.33.04.05.
- 97) Raggi A, **Lanza G\***, Ferri R. Auditory Mismatch Negativity in Bipolar Disorder: A Focused Review. *Rev Neurosci* 2022;33(1):17-30. doi: 10.1515/revneuro-2021-0010. PMID: 33837681.
- 98) **Lanza G**, DelRosso LM, Ferri R. Sleep and homeostatic control of plasticity. In: Quartarone A, Ghilardi MF, and Boller F (eds). *Neuroplasticity: From Bench to Bedside*. *Handb Clin Neurol*, San Diego: Elsevier BV, 2022;184:53-72. doi: 10.1016/B978-0-12-819410-2.00004-7. PMID: 35034758.
- 99) Mansueto G, **Lanza G**, Fiscicaro F, Alaouieh D, Hong E, Girolami S, Montella M, Feola A, Di Napoli M. Central and Peripheral Nervous System Complications of Vasculitis Syndromes from Pathology to Bedside: Part 1-Central Nervous System. *Curr Neurol Neurosci Rep* 2022;22:47-69. doi: 10.1007/s11910-022-01172-z. PMID: 35138587.
- 100) Cassarino L, Santoro F, Gelardi D, Panerai S, Papotto M, Tripodi M, Cosentino FII, Neri V, Ferri R, Ferlito S, Modica D, Fiscicaro F, Pennisi M, Bella R, **Lanza G\***. Post-stroke aphasia at the time of COVID-19 pandemic: a telerehabilitation perspective. *J Integr Neurosci* 2022;21(1):1-7. doi: 10.31083/j.jin2101008. PMID: 35164444.
- 101) Salemi M, **Lanza G**, Mogavero MP, Cosentino FII, Borgione E, Iorio R, Ventola GM, Marchese G, Salluzzo MG, Ravo M, Ferri R. A transcriptome analysis of mRNAs and long non-coding RNAs in patients with Parkinson's disease. *Int J Mol Sci* 2022;23:1535. doi: 10.3390/ijms23031535. PMID: 35163455.
- 102) Caruso G, Godos J, Privitera A, **Lanza G**, Castellano S, Chillemi A, Bruni O, Ferri R, Caraci F, Grosso G. Phenolic acids and prevention of cognitive decline: polyphenols with a neuroprotective role in cognitive disorders and Alzheimer's disease. *Nutrients* 2022;14(4):819. doi: 10.3390/nu14040819. PMID: 35215469.
- 103) Puglisi V, Morini E, Biasini F, Vinciguerra L, **Lanza G\***, Bramanti P. Neurological Presentation of Giant Pituitary Tumour Apoplexy: Case Report and Literature Review of a Rare but Life-threatening. *J Clin Med* 2022;11:1581. doi: 10.3390/jcm11061581. PMID: 35329907.

- 104) Fisicaro F, **Lanza G<sup>\*#</sup>**, Pennisi M, Vagli C, Cantone M, Falzone L, Pennisi G, Ferri R, Bella R. Daily mocha coffee intake and psycho-cognitive status in non-demented non-smokers subjects with subcortical ischemic vascular disease. *Int J Food Sci Nutr* 2022;73(6):821-8. doi:10.1080/09637486.2022.2050999. PMID: 35285390.
- 105) Polašek O, Wazny K, Adeloye D, Song P, Chan KY, Bojude DA, Ali S, Bastien S, Becerra-Posada F, Borrescio-Higa F, Cheema S, Cipta DA, Cvjetković S, Castro LD, Ebenso B, Femi-Ajao O, Ganesan B, Glasnović A, He L, Heraud JM, Igwesi-Chidobe C, Iversen PO, Jadoon B, Karim AJ, Khan J, Biswas RK, **Lanza G**, Lee SW, Li Y, Liang LL, Lowe M, Islam MM, Marušić A, Mshelia S, Manyara AM, Htay MN, Parisi M, Peprah P, Sacks E, Akinyemi KO, Shahraki-Sanavi F, Sharov K, Rotarou ES, Stankov S, Supriyatiningih W, Chan BT, Tremblay M, Tsimpida D, Vento S, Glasnović JV, Wang L, Wang X, Ng ZX, Zhang J, Zhang Y, Campbell H, Chopra M, Cousens S, Krstić G, Macdonald C, Mansoori P, Patel S, Sheikh A, Tomlinson M, Tsai AC, Yoshida S, Rudan I. Research priorities to reduce the impact of COVID-19 in low- and middle-income countries. *J Glob Health* 2022;12:09003. doi: 10.7189/jogh.12.09003. PMID: 35475006.
- 106) **Lanza G<sup>\*</sup>**, Cosentino FII, Lanuzza B, Tripodi M, Aricò D, Figorilli M, Puligheddu M, Fisicaro F, Bella R, Ferri R, Pennisi M. Reduced intracortical facilitation to TMS in both isolated REM sleep behavior disorder (RBD) and early Parkinson's disease with RBD. *J Clin Med* 2022;11(9):2291. doi: 10.3390/jcm11092291. PMID: 35566417.
- 107) Monte MA, Veroux M, Rodolico MS, Losi V, Di Pino L, Bella R, **Lanza G<sup>#</sup>**, Monte IP. Fabry's disease: the utility of a Multidisciplinary Screening Approach. *Life* 2022;12(5):623. doi: 10.3390/life12050623. PMID: 35629291.
- 108) Salemi M, Mogavero MP, **Lanza G**, Mongioì LM, Calogero AE, Ferri R. Examples of inverse comorbidity between cancer and neuro-degenerative diseases: A possible role for non-coding RNAs. *Cells* 2022;11:1930. doi.org/10.3390/cells11121930. PMID: 35741059.
- 109) Concerto C, Rodolico A, Meo V, Chiappetta D, Bonelli M, Mineo L, Saitta G, Stuto S, Signorelli MS, Petralia A, **Lanza G<sup>\*</sup>**, Aguglia E. A Systematic Review on the Effect of Nutraceuticals on Anti-depressant-Induced Sexual Dysfunctions: From Basic Principles to Clinical Applications. *Curr Issues Mol Biol* 2022;44(8):3335-50. doi: 10.3390/cimb44080230. PMID: 35892716.
- 110) Concerto C, **Lanza G<sup>\*</sup>**, Fisicaro F, Pennisi M, Rodolico A, Torrisi G, Bella R, Aguglia E. Repetitive transcranial magnetic stimulation for post-traumatic stress disorder: Lights and shadows. *World J Clin Cases* 2022;10(17):5929-33. doi: 10.12998/wjcc.v10.i17.5929. PMID: 35979128.

- 111) Godani M, Beronio A, **Lanza G\***. Post-COVID-19 myoclonus-ataxia syndrome responsive to intravenous immunoglobulins. *Mov Dis Clin Pract* 2022;9(S2):S6-8. doi: 10.1002/mdc3.13534. PMID: 36118515.
- 112) Fiscaro F, **Lanza G\*\***, D'Agate CC, Pennisi M, Cantone M, Pennisi G, Hadjivassiliou M, Bella R. Cerebral Hemodynamic Changes to Transcranial Doppler Sonography in Celiac Disease: A Pilot Study. *Front Hum Neurosci* 2022;16:931727. doi: 10.3389/fnhum.2022.931727. PMID: 36147295.
- 113) **Lanza G\***, Fiscaro F, Dubbioso R, Ranieri F, Chistyakov AV, Cantone M, Pennisi M, Grasso AA, Bella R, Di Lazzaro V. A comprehensive review of transcranial magnetic stimulation in secondary dementia. *Front Aging Neurosci* 2022;14:995000. doi: 10.3389/fnagi.2022.995000. PMID: 36225892.
- 114) Godani M, **Lanza G\***. Diabetic Striatopathy: Parenchymal Transcranial Sonography as a Supplement to Diagnosis at the Emergency Department. *Diagnostics* 2022;12(11):2838. doi: 10.3390/diagnostics12112838. PMID: 36428898.
- 115) Giuffrè M, Gazzin S, Zoratti C, Llido JP, **Lanza G**, Tiribelli C, Moretti R. Celiac Disease and Neurological Manifestations: From Gluten to Neuroinflammation. *Int J Mol Sci* 2022;23(24):15564. doi: 10.3390/ijms232415564. PMID: 36555205.
- 116) **Lanza G\***, Fiscaro F, Cantone M, Pennisi M, Cosentino FII, Lanuzza, B, Tripodi M, Bella R, Paulus W, Ferri R. Repetitive transcranial magnetic stimulation in primary sleep disorders. *Sleep Med Rev* 2023;67:101735. doi: 10.1016/j.smr.2022.101735. PMID: 36563570.
- 117) Francavilla VC, Mingrino O, Di Corrado D, Bellomo M, **Lanza G**, Crescimanno C, Orofino F, Parisi MC. Endothelial Reprogramming in Sports Traumatology: Role of the Widespread Neuro-Immuno-Endocrine-Endothelial System. *Appl Sci* 2023;13:170. doi: 10.3390/app13010170.
- 118) Salemi M, Marchese G, **Lanza G**, Cosentino FII, Salluzzo MG, Schillaci FA, Ventola GM, Cordella A, Ravo M, Ferri R. Role and Dysregulation of miRNA in Patients with Parkinson's Disease. *Int J Mol Sci* 2023;24:712. doi: 10.3390/ijms24010712. PMID: 36614153.
- 119) Salemi M, Cosentino F, **Lanza G**, Cantone M, Salluzzo MG, Giurato G, Borgione E, Lanuzza B, Marchese G, Santa Paola S, Romano C, Ferri R. mRNA expression profiling of mitochondrial subunits in subjects with Parkinson's disease. *Arch Med Sci* 2023;19(1). doi: 10.5114/aoms/131629.
- 120) Mogavero MP, Silvani A, **Lanza G**, DelRosso LM, Ferini-Strambi L, Ferri R. Targeting Orexin Receptors for the Treatment of Insomnia: From Physiological Mechanisms to Current Clinical Evidence and Recommendations. *Nat Sci Sleep* 2023;15:17-38. doi: 10.2147/NSS.S201994.

- 121) Grazzini M, Godani M, Grisanti S, Benedetti L, **Lanza G\***. Acute cerebellar ataxia and myoclonus (ACAM) in SARS-CoV-2-related encephalopathy responsive to immunotherapy: a case series. *Mov Dis Clin Pract*, *in press*. doi: 10.1002/mdc3.13598.
- 122) Currenti W, Godos J, Alanazi AM, **Lanza G**, Ferri R, Caraci F, Galvano F, Castellano S, Grosso G. Dietary Fats and Depressive Symptoms in a Cohort of Italian Adults. *Nutrients*, *in press*.
- 123) Mansueto M, **Lanza G**, Falletti J, Alaouieh D, Hong E, Girolami S, Montella M, Fisicaro, Galdieri A, Singh P, Di Napoli M. Central and peripheral nervous system complications of vasculitis syndromes from pathology to bedside: Part 2 – Peripheral Nervous System. *Curr Neurol Neurosci Rep*, *in press*.

ABSTRACTS CONGRESSUALI, ACCETTATI E PUBBLICATI SU RIVISTE SCIENTIFICHE INTERNAZIONALI INDICIZZATE (in ordine cronologico; \* = presenting author)

- 1) Commodari I, Cavallaro T, Pennisi M, Cantone M, Mistretta SB, **Lanza G**, Pennisi G, Zappia M. Thetered cord syndrome in adult with diastematomyelia. XXXVIII Congresso della Società Italiana di Neurologia. Firenze (Italia), 13-17 Ottobre 2007. *Neurol Sci* 2007;28(Suppl):S222.
- 2) Cantone M, Pennisi M, Commodari I, Casto C, **Lanza G**, Arizza L, Bella R, Pennisi G, Zappia M. Young-onset painful legs and moving toes associated with dysembryogenetic tumor. XXXVIII Congresso della Società Italiana di Neurologia. Firenze (Italia), 13-17 Ottobre 2007. *Neurol Sci* 2007;28(Suppl):S225.
- 3) Casto C, Pennisi M, Di Stefano A, Commodari I, Cantone M, Arizza L, **Lanza G**, Bella R, Zappia M. Corticobasal degeneration without nigrostriatal damage. XXXVIII Congresso della Società Italiana di Neurologia. Firenze (Italia), 13-17 Ottobre 2007. *Neurol Sci* 2007;28(Suppl):S227.
- 4) Cantone M, Pennisi M, **Lanza G**, Bella R, Pennisi G, Zappia M. Course of depression in patients with subcortical vascular disease. XXXIX Congresso della Società Italiana di Neurologia. Napoli (Italia), 18-22 Ottobre 2008. *Neurol Sci* 2008;29(Suppl):S138-9.
- 5) **Lanza G\***, Barone R, Cantone M, Bella R, Pennisi G, Zappia M. Headache as a presenting manifestation of Gorlin-Goltz syndrome. XXXIX Congresso della Società Italiana di Neurologia. Napoli (Italia), 18-22 Ottobre 2008. *Neurol Sci* 2008;29(Suppl):S220.
- 6) Cantone M, Barone R, Montoya J, **Lanza G**, Pennisi M, Bella R, Pennisi G, Zappia M. Cystic lesions of the basal ganglia and familial lipomatosis (Dercum disease variant): a case report. XL Congresso della Società Italiana di Neurologia. Padova (Italia), 21-25 Novembre 2009. *Neurol Sci* 2009;30 (Suppl):S124.
- 7) **Lanza G\***, Pennisi M, Cantone M, Kavasidis I, Spampinato C, Catalano A, Bella R, Pennisi G, Zappia M. Pattern of cortical excitability in patients with geriatric depression and subcortical

- ischemic vascular disease: a paired-pulse TMS study. XLI Congresso della Società Italiana di Neurologia. Catania (Italy), 23-27 Ottobre 2010. *Neurol Sci* 2010;31(Suppl):S204-5.
- 8) Pennisi G, Cantone M, **Lanza G\***, Pennisi M, Puglisi V, Vinciguerra L, Bella R. Motor cortex excitability in patients with Vascular Depression: a paired-pulse TMS study. 63<sup>rd</sup> American Academy of Neurology (AAN) Annual Meeting. Honolulu (Hawaii, USA), 9-16 Aprile 2011. *Neurology* 2011;76(Suppl 4):A169.
  - 9) Concerto C, Cannavò D, **Lanza G**, Pennisi M, Aguglia E. Depressione maggiore e terapia aggiuntiva con rTMS. 16<sup>th</sup> Congresso della Società Italiana di Psicopatologia (SOPSI). Roma (Italia), 14-18 Febbraio 2012. *J Psychopathol* 2012;18(S1):S199.
  - 10) Cantone M, **Lanza G**, Pennisi M, Puglisi V, Vinciguerra L, Ricceri R, Pennisi G, Bella R, Zappia M. Motor cortex excitability in patients with vascular cognitive impairment-no dementia: a follow-up study. 16<sup>th</sup> Congress of the European Federation of Neurological Societies (EFNS). Stoccolma (Svezia), 8-11 Settembre 2012. *Eur J Neurol* 2012;19(Suppl 1):225,P1364. doi: 10.1111/j.1468-1331.2012.03888.x.
  - 11) Magnano F, Concerto C, Cannavò D, **Lanza G**, Pennisi M, Aguglia E. Repetitive transcranial magnetic stimulation and pharmacological treatment in patients with major depressive disorder. 25<sup>th</sup> Congress of the European College of Neuropsychopharmacology (ECNP). Vienna (Austria), 13-17 Ottobre 2012. *Eur Neuropsychopharmacol* 2012;22(Suppl 2):S267. doi: 10.1016/S0924-977X(12)70402-9.
  - 12) Puglisi V, Concerto C, Vinciguerra L, Cantone M, **Lanza G**, Pennisi M, Ricceri R, Bella R, Aguglia E, Pennisi G. Distinctive Pattern of Cortical Excitability in Vascular Depression and Major Depression (P07.184). 65<sup>th</sup> American Academy of Neurology (AAN) Annual Meeting. San Diego (California, USA), 16-23 Marzo 2013. *Neurology* 2013;80 (7 Suppl.):P07.184.
  - 13) Concerto C, Cannavò D, Magnano San Lio F, Ricceri R, **Lanza G**, Aguglia E. P.04.027 Six-month follow-up study of repetitive transcranial magnetic stimulation in the treatment of resistant major depressive disorder. ECNP Workshop for Junior Scientists in Europe. Nizza (Francia), 7-10 Marzo 2013. *Eur Neuropsychopharmacol* 2013;23(Suppl 1):S89-90. doi: 10.1016/S0924-977X(13)70101-9.
  - 14) Concerto C, Costanzo MC, Cannavò D, **Lanza G**, Pennisi M, Aguglia E. P.2.h.003 Transcranial Magnetic Stimulation in Major Depression and Vascular Depression. The 26<sup>th</sup> Congress of the European College of Neuropsychopharmacology (ECNP). Barcellona (Spagna), 5-9 Ottobre 2013. *Eur Neuropsychopharmacol* 2013;23(Suppl 2):S416-7. doi: 10.1016/S0924-977X(13)70659-X.
  - 15) **Lanza G\***, Lanuzza B, Aricò D, Bella R, Cosentino F, Pennisi G, Ferri R. Effects of the modulation of sensory or motor cortical excitability by rTMS in RLS. 6<sup>th</sup> World Congress on Sleep Medicine. Seoul (South Korea), 21-25 Marzo 2015. *Sleep Med* 2015;16:S20-1. doi: 10.1016/j.sleep.2015.02.049.

- 16) Puglisi V, Vinciguerra L, Ricceri R, Cantone M, **Lanza G**, Pennisi M, D'Agate CC, Ferri R, Giuffrida S, Bella R. Neurophysiological follow-up of patients with celiac disease on gluten-free diet: a TMS study. 1<sup>st</sup> Congress of the European Academy of Neurology (EAN). Berlino (Germania), 20-23 Giugno 2015. *Eur J Neurol* 2015;22(suppl 1):427. doi: 10.1111/ene.12807.
- 17) Pennisi G, Bella R, **Lanza G\***, Di Lazzaro V. The contribution of non-invasive brain stimulation techniques in the experimental treatment of cognitive and neuropsychiatric symptoms in Vascular Dementia. 9<sup>th</sup> International Congress on Vascular Dementia (ICVD), Ljubljana (Slovenia), 16-18 Ottobre 2015. *Monduzzi Editore International Proceedings Division* 2016;SX16C0006:13-7.
- 18) **Lanza G**, Cantone M, Pennisi M, Ricceri R, Pennisi G, Bella R. Course of vascular depression in non-demented elderly patients with small vessel disease: a TMS follow-up study. 25<sup>th</sup> European Stroke Conference (ESC). Venezia (Italia), 13-15 Aprile 2016. *Cerebrovasc Dis* 2016;41/S1/16:293. doi: 10.1159/000446380.
- 19) Ricceri R, **Lanza G**, Cantone M, Puglisi V, Vinciguerra L, Pennisi M, Bella R, Zappia M, Pennisi G. Changes of Motor Cortex Excitability in adults with Celiac Disease before and after a gluten-free diet. XLVII Congress of the Italian Neurological Society. Venezia (Italia), 22-25 Ottobre 2016. *Neurol Sci* 2016;37(Suppl):S336.
- 20) **Lanza G\***, Cantone M, Lanuzza B, Aricò D, Cosentino FII, Pennisi M, Bella R, Pennisi G, Ferri R. Impaired rTMS-induced short-term neuroplasticity in restless legs syndrome: a pilot study. 2<sup>nd</sup> International Brain Stimulation Conference. Barcellona (Spagna), 5-8 Marzo 2017. *Brain Stimul* 2017;10:365-6. doi: 10.1016/j.brs.2017.01.078.
- 21) Cantone M, Ricceri R, Pennisi M, Ferri R, Pennisi G, Bella R, **Lanza G\***. Long term neurophysiological effects of the gluten-free diet in adult celiac patients: a TMS study. 6<sup>th</sup> International Conference on Transcranial Brain Stimulation. Göttingen (Germania), 7-10 Settembre 2016. *Clin Neurophysiol* 2017;128:e14–5. doi: 10.1016/j.clinph.2016.10.138.
- 22) Vinciguerra L, Puglisi V, Ricceri R, Vagli C, Fisticaro F, Cantone M, **Lanza G**, Bella R. Transcranial Doppler Study in elderly patients at risk for virtual vascular dementia. 27<sup>th</sup> European Stroke Conference. Atene (Grecia), 11-13 Aprile 2018. *Cerebrovasc Dis* 2018;45(Suppl 1): 351 (P263).
- 23) **Lanza G\***, Aricò D, Lanuzza B, Cosentino FII, Pennisi M, Bella R, Pennisi G, Ferri R. Lack of intracortical facilitation to paired-pulse TMS in patients with “idiopathic RBD”: a preclinical marker of synucleinopathy? 4<sup>th</sup> Congress of the European Academy of Neurology (EAN). Lisbona (Portogallo), 16-19 Giugno 2018. *Eur J Neurol* 2018;25(Suppl 2):275 (EPO3114).
- 24) Vinciguerra L, **Lanza G**, Puglisi V, Cantone M, Pennisi G, Bella R. Transcranial Doppler study in elderly patients at risk for Vascular Dementia. XLIX Congresso della Società Italiana di Neurologia. Roma (Italia), 27-30 Ottobre 2018. *Neurol Sci* 2018;39(Suppl):S379.

- 25) Puglisi V, **Lanza G**, Vinciguerra L, Cantone M, Pennisi G, Bella R. Impaired cerebral haemodynamics in Vascular Depression: insights from Transcranial Doppler Ultrasonography. XLIX Congresso della Società Italiana di Neurologia. Roma (Italia), 27-30 Ottobre 2018. *Neurol Sci* 2018;39(Suppl):S379-80.
- 26) **Lanza G\***, Aricò D, Lanuzza B, Cosentino F, Cantone M, Papotto M, Paci D, Pennisi M, Bella R, Pennisi G, Paulus W, Ferri R. Clinical and neuroplastic effect of inhibitory rTMS on the sensory-motor cortical areas in RLS: a proof of concept study. 3rd International Brain Stimulation Conference. Vancouver (Canada), 24-27 Febbraio 2019. *Brain Stimul* 2019;12:533. doi: 10.1016/j.brs.2018.12.755.
- 27) Vinciguerra L, **Lanza G**, Puglisi V, Cantone M, Pennisi G, Bella R. Transcranial Doppler Ultrasound in Vascular Cognitive Impairment-No Dementia. 5<sup>th</sup> European Stroke Organization Conference (ESOC). Milano (Italia), 22-24 Maggio 2019. *Eur Stroke J* 2019;4(I S): 290-1. doi: 10.1177/2396987319845581.
- 28) Nicoletti VG, **Lanza G\***, Mineo L, Fiscaro F, Saitta G, Meo V, Pennisi M, Bella R, Pennisi G, Aguglia E. Effect of repetitive Transcranial Magnetic Stimulation on a patient with major depressive disorder: changes of serum neurotrophins levels. 14<sup>th</sup> World Congress of the International Neuromodulation Society (INS), 25-30 Maggio 2019. *Neuromodulation* 2019;22:e448. doi: 10.1111/ner.12958.
- 29) Cantone M, **Lanza G\***, Barone R, Fiumara A, Pennisi G, Bella R, Pennisi M. Diagnostic and prognostic value of Transcranial Magnetic Stimulation in Mucopolysaccharidosis-related cervical myelopathy. 14<sup>th</sup> World Congress of the International Neuromodulation Society (INS), 25-30 Maggio, 2019. *Neuromodulation* 2019;22:e584. doi: 10.1111/ner.12958.
- 30) Cantone M, **Lanza G\***, Pennisi M, Vinciguerra L, Puglisi V, Ricceri R, Fiscaro F, Ferri R, Bella R, Pennisi G. 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 (Norvegia), 29 Giugno – 02 Luglio 2019. *Eur J Neurol* 2019;26(Suppl. 1):284.
- 31) **Lanza G\***, Puglisi V, Vinciguerra L, Fiscaro F, Vagli C, Cantone M, Pennisi G, Bella R, Pennisi M. TMS correlates of pyramidal signs and clinical motor status: insights from a spinal perspective. 7<sup>th</sup> International Conference on Non-Invasive Brain Stimulation (NIBS). Virtual, November 10-12, 2020. *Clin Neurophysiol* 2020;131(4):e22-4. doi: 10.1016/j.clinph.2019.12.132.
- 32) **Lanza G\***, Puglisi V, Vinciguerra L, Fiscaro F, Vagli C, Cantone M, Pennisi G, Bella R, Pennisi M. Electrophysiological correlates of pyramidal signs and clinical motor status: a “real world” TMS study. 6<sup>th</sup> Congress of the European Academy of Neurology (EAN). Virtual, 23-26 Maggio 2020. *Eur J Neurol* 2020;27(Suppl. 1):825-6. doi: 10.1111/ene.14308.



- 33) Vinciguerra L, **Lanza G**, Vagli C, Puglisi V, Fisicaro F, Zelante G, Cantone M, Pennisi G, Bella R. Transcranial Doppler study in asymptomatic Fabry's disease. 7<sup>th</sup> European Stroke Organization & World Stroke Organization (ESO-WSO) Conference. Vienna (Austria), 7-9 Novembre 2020. Eur Stroke J 2020, *in press*.
- 34) Vinciguerra L, **Lanza G**, Vagli C, Zelante G, Fisicaro F, Puglisi V, Cantone M, Bella R. Transcranial Doppler sonography in asymptomatic patients with Fabry's disease. 51<sup>st</sup> Congress of the Italian Neurological Society (SIN). Virtual Congress, 28-30 Novembre 2020. Neurol Sci 2020;41(Suppl 1):S112. doi: 10.1007/s10072-020-04753-3.
- 35) Fisicaro F, **Lanza G**, Pennisi M, Vagli C, Cantone M, Pennisi G, Ferri R, Bella R. Mocha coffee consumption correlates with cognitive function in a population with subcortical ischemic vascular disease. 7<sup>th</sup> Congress of the European Academy of Neurology (EAN). Virtual, 19-22 Giugno 2021. Eur J Neurol 2021;28(Suppl. 1):577-8.
- 36) Fisicaro F, **Lanza G**, D'Agate C, Ferri R, Cantone M, Falzone L, Pennisi G, Bella R, Pennisi M. Transcallosal motor disinhibition to transcranial magnetic stimulation in *de novo* patients with Celiac disease. XXV World Congress of Neurology 2021. Virtual, 3-7 Ottobre 2021. J Neurol Sci 2021;429(118075):201-2. doi: 10.1016/j.jns.2021.118559.
- 37) Vinciguerra L, Puglisi V, Paria E, Costanzi C, Giossi A, **Lanza G**, Bella R, Censori B. Transcranial doppler ultrasonography study in migraine patients treated with erenumab. XXV World Congress of Neurology 2021. Virtual, 3-7 Ottobre 2021. J Neurol Sci 2021;429(118056):207. doi: 10.1016/j.jns.2021.119280.
- 38) Fisicaro F, **Lanza G**, D'Agate CC, Ferri R, Cantone M, Falzone L, Pennisi G, Bella R, Hadjivassiliou M, Pennisi M. Central cholinergic functioning to transcranial magnetic stimulation in *de novo* patients with celiac disease. 4<sup>th</sup> International Brain Stimulation Conference. Charleston (South Carolina, USA), 6-9 Dicembre 2021. Brain Stimul 2021, *in press*.
- 39) Mogavero MP, Mezzapesa DM, Savarese M, DelRosso LM, **Lanza G**, Ferri R. Structural changes of the subcortical gray structures in restless legs syndrome. World Sleep Congress 2022. Roma (Italia), 11-16 Marzo 2022. Sleep Med 2022;100:S151-2.
- 40) **Lanza G\***, Cosentino FII, Lanuzza B, Tripodi M, Aricò D, Cumbo E, Fisicaro F, Bella R, Pennisi M, Ferri R. Electro cortical overlap between isolated RBD and Parkinson's disease with RBD: a pilot TMS study. World Sleep Congress 2022. Roma (Italia), 11-16 Marzo 2022. Sleep Med 2022;100:S226-7.
- 41) Mogavero M, Cosentino F, Lanuzza B, Tripodi M, **Lanza G**, Aricò D, DelRosso L, Pizza F, Plazzi G, Ferri R. Is increased serum prolactin associated with excessive daytime sleepiness? A proof-of-concept analysis. SLEEP 2022, the 36th annual meeting of the Associated Professional Sleep Societies Sleep, a joint meeting of the American Academy of Sleep Medicine and the Sleep Research Society. Charlotte (North Carolina, USA), 04-08 June, 2022. Sleep 2022;45(1):A178.

- 42) **Lanza G**, Fiscaro F, Nicoletti VG, Saitta G, Meo V, Pennisi M, Bella R, Aguglia E. Multimodal effects of repetitive transcranial magnetic stimulation on patients with major depression and vascular depression: a pilot study. 15<sup>th</sup> World Congress on Neuromodulation (INS 2022). Barcellona (Spagna), 21-26 Maggio 2022. *Neuromodulation* 2022;25:S1–30.
- 43) **Lanza G\***, Cosentino FII, Lanuzza B, Tripodi M, Aricò D, Cumbo E, Fiscaro F, Bella R, Pennisi M, Ferri R. Electro cortical similarity between isolated RBD and Parkinson's disease with RBD: a pilot single- and paired-pulse TMS study. 66° Congresso Nazionale della Società Italiana di Neurofisiologia Clinica (SINC). Palermo (Italia), 18-21 Maggio 2022. *Neurol Sci* 2022, *in press*.
- 44) Fiscaro F, **Lanza G**, D'Agate C, Pennisi M, Cantone M, Pennisi G, Hadjivassiliou M, Bella R. Cerebral hemodynamic changes to transcranial Doppler sonography in *de novo* patients with celiac disease. 8<sup>th</sup> Congress of the European Academy of Neurology (EAN). Vienna (Austria), 25-28 Giugno 2022. *Eur J Neurol* 2022;29(Suppl. 1):915.
- 45) Cantone M, Fiscaro F, Pennisi M, **Lanza G**, Ferri R, Pennisi G, Zappia M, Bella R. Sex-related electro cortical differences to TMS in patients with mild vascular cognitive impairment. 52° Congresso Nazionale della Società Italiana di Neurologia (SIN). Milano, 3-6 Dicembre 2022. *Neurol Sci* 2022;43(Suppl 1):S142. doi:10.1007/s10072-022-06531-9.
- 46) 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.

ABSTRACTS ACCETTATI E PUBBLICATI COME ATTI DI CONGRESSI, NAZIONALI O INTERNAZIONALI (in ordine cronologico; \* = presenting author)

- 1) **Lanza G\***, Cantone M, Pennisi M, Arizza L, Bella R, Zappia M. Unpleasant emotional response evoked by visual disperceptions after temporo-insular stroke. *Stroke* 2009 – Conferenza Nazionale sull'ictus cerebrale. Firenze (Italia), 12-13 Febbraio 2009.
- 2) Cantone M, Pennisi M, **Lanza G**, Kavasidis I, Spampinato C, Bella R, Pennisi G, Zappia M. Pattern of cortical excitability in patients with geriatric depression and subcortical ischemic vascular disease: a TMS study. *Stroke* 2010 – Conferenza Nazionale sull'ictus cerebrale. Firenze (Italia), 17-19 Febbraio 2010.
- 3) Cantone M, Pennisi M, **Lanza G**, Zelante G, Pennisi G, Bella R, Zappia M. Changes in intracortical excitatory neuronal circuits in patients with Vascular Cognitive Impairment – No Dementia. The 7<sup>th</sup> International Congress on Vascular Dementia. Riga (Lettonia), 20-23 Ottobre 2011.
- 4) **Lanza G\***, Giorli E, Godani M, Benedetti L, Traverso E, Motto A, Del Sette M. Forame ovale pervio quale causa di infarto miocardico ed ischemia acuta periferica. VI Congresso Nazionale

della Società Italiana di Neurosonologia ed Emodinamica Cerebrale (SINSEC). Bologna (Italia), 10-12 Novembre 2011.

- 5) **Lanza G**, Giuffrida S, Pennisi G, Noto P, Carpinteri G. Focal neurological deficit in acute anemia: report of two cases. VIII Congresso Nazionale della Società Italiana d'Emergenza-Urgenza (SIMEU). Rimini (Italia), 18-21 Ottobre 2012.
- 6) Lanuzza B, **Lanza G**, Aricò D, Cantone M, Cosentino F, Ferri R. Eccitabilità corticale alla Stimolazione Magnetica Transcranica: confronto diretto fra Sindrome delle Apnee Ostruttive del Sonno (OSAS) e Sindrome delle Gambe senza Riposo (RLS). XXIV Congresso Nazionale Associazione Italiana Medicina del Sonno (AIMS). Pisa (Italia), 5-8 Novembre 2014.
- 7) Cantone M, **Lanza G**, Pennisi M, Ricceri R, Vinciguerra L, Puglisi V, Giuffrida S, Bella R, Pennisi G. Studio funzionale delle vie colinergiche centrali in pazienti anziani con Vascular Cognitive Impairment – No Dementia. Congresso Regionale della Società Italiana di Neurologia (SIN). Messina (Italia), 12-13 Dicembre 2014.
- 8) **Lanza G\***, Lanuzza B, Aricò D, Cantone M, Cosentino FII, Bella R, Ferri R. Repetitive TMS on primary sensorimotor areas of patients with RLS: a “proof of evidence” study. XXV Congresso Nazionale della Associazione Italiana Medicina del Sonno (AIMS). Cagliari (Italia), 1-3 Ottobre 2015.
- 9) **Lanza G\***, Cantone M, Vinciguerra L, Puglisi V, Ricceri R, Zelante G, Catalano A, Pennisi M, Bella R, Pennisi G. Short latency afferent inhibition in Vascular Cognitive Impairment-No Dementia. 9<sup>th</sup> International Congress on Vascular Dementia (ICVD). Ljubljana (Slovenia), 16-18 Ottobre 2015.
- 10) **Lanza G\***. Spinal and cortical excitability in RLS. International RLS Study Group (IRLSSG) and European RLS Study Group (EU-RLSSG) 2015 Science Summit. Monterey (California, USA), 22-26 Ottobre 2015.
- 11) **Lanza G\***, Cantone M, Pennisi M, Ricceri R, Pennisi G, Bella R. Depressione vascolare in pazienti anziani non-dementi con leucoaraiosi: studio di follow-up con Stimolazione Magnetica Transcranica. Congresso Regionale della Società Italiana di Neurologia (SIN). Siracusa (Italia), 22-23 Gennaio 2016.
- 12) **Lanza G\***, Lanuzza B, Cantone M, Aricò D, Cosentino FII, Bella R, Ferri R. Impaired short-term cortical plasticity in Restless Legs Syndrome: a pilot rTMS study. XXVI Congresso Nazionale dell'Associazione Italiana Medicina del Sonno (AIMS). Bologna (Italia), 12-13 Settembre 2016.
- 13) **Lanza G\***, Cantone M, Aricò D, Lanuzza B, Cosentino FII, Paci D, Papotto M, Pennisi M, Bella R, Pennisi G, Ferri R. Clinical-electrophysiological impact of low-frequency rTMS over the sensory-motor cortex in Restless Legs Syndrome. XXVII Congresso Nazionale dell'Associazione Italiana Medicina del Sonno (AIMS). Bolzano (Italia), 28-30 Settembre 2017.

- 14) Ferri R, Aricò D, Cosentino FII, Lanuzza B, Cantone M, **Lanza G**, Tripodi M. Il sonno REM senza atonia è una RBD subclinica? XXVII Congresso Nazionale dell'Associazione Italiana Medicina del Sonno (AIMS). Bolzano (Italia), 28-30 Settembre 2017.
- 15) Puglisi V, Cantone M, **Lanza G**, Bella R. Transcranial Doppler in the assessment of hypoperfusion in Vascular Depression. 9° Congresso Nazionale della Società Italiana di Neurosonologia ed Emodinamica Cerebrale (SINSEC). Catania (Italia), 26-28 Ottobre 2017.
- 16) Vinciguerra L, Puglisi V, Ricceri R, Vagli C, Fisicaro F, **Lanza G**, Bella R. Transcranial Doppler Study in elderly patients at risk for vascular dementia. 9° Congresso Nazionale della Società Italiana di Neurosonologia ed Emodinamica Cerebrale (SINSEC). Catania (Italia), 26-28 Ottobre 2017.
- 17) **Lanza G\***, Aricò D, Lanuzza B, Cosentino F, Pennisi M, Bella R, Pennisi G, Ferri R. Studio con stimolazione magnetica transcranica di markers precoci di neurodegenerazione in pazienti affetti da REM-sleep behavior disorder. XXVIII Congresso Nazionale dell'Associazione Italiana Medicina del Sonno (AIMS). Taormina (Italia), 04-06 Ottobre 2018.
- 18) **Lanza G\***, Aricò D, Lanuzza B, Cosentino F, Cantone M, Pennisi M, Bella R, Pennisi G, Paulus W, Ferri R. 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. Milano, 21-23 Novembre 2018.
- 19) Cantone M, **Lanza G**, Fisicaro F, Vagli C, Vinciguerra L, Puglisi V, Ricceri R, Bella R, Ferri R, Pennisi G, Di Lazzaro V, Pennisi M. Impact of physical variables on motor evoked potentials: a TMS study from a large Italian cohort. 64° Congresso Nazionale Società Italiana di Neurofisiologia Clinica (SINC). Roma, 29 Maggio – 01 Giugno 2019.
- 20) **Lanza G\***, Aricò D, Lanuzza B, Cosentino FII, Pennisi M, Bella R, Pennisi G, Ferri R. Facilitatory/inhibitory intracortical imbalance in REM-sleep Behavior Disorder: markers elettrofisiologici precoci di neurodegenerazione? XXIX Congresso Nazionale dell'Associazione Italiana Medicina del Sonno (AIMS). Genova, 13-15 Settembre 2019.
- 21) Vagli C, Puglisi V, Vinciguerra L, Fisicaro F, **Lanza G**, Zelante G, Bella R. Transcranial Doppler study in Asymptomatic Fabry's disease. Congresso Nazionale della Società Italiana di Neurosonologia ed Emodinamica Cerebrale (SINSEC). Bologna (Italia), 10-11 Ottobre 2019.
- 22) **Lanza G\***, Bella R, Ferri R, Godani M. Movement disorders presenting at the Emergency Room: the added value of parenchymal transcranial doppler sonography. XV Congresso Nazionale SINdem. 5-7 Novembre 2020, Virtual Edition.
- 23) Fisicaro F, **Lanza G**, et al. Electrocortical overlap between isolated RBD and Parkinson's disease with RBD: a pilot TMS study. 32<sup>nd</sup> International Congress of Clinical Neurophysiology (ICCN). Ginevra (Svizzera), 4-8 Settembre 2022.

- 24) **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. Congresso Nazionale dell'Associazione Italiana Medicina del Sonno (AIMS). Rimini, 15-17 Settembre 2022.
- 25) **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 Traslazionale e Professioni Sanitarie (SIRTEPS): Translational research, biotechnology and health care: a wink to the future. L'Aquila, 3-4 Novembre 2022.
- 26) **Lanza G\***, Cosentino FII, Lanuzza B, Tripodi M, Morreale M, Toscano G, Aricò D, Galeano A, Bella R, Fisicaro F, Pennisi M, Ferri R. Marcatori neurofisiologici di coinvolgimento cognitivo in pazienti con disturbi del sonno: hints dalla Stimolazione Magnetica Transcranica. II Annual Meeting della Rete IRCCS delle Neuroscienze e della Neuroriabilitazione (RIN). Bologna, 15-16 Dicembre 2022.
- 27) Salemi M, Marchese G, Salluzzo MG, **Lanza G**, Ravo M, Ferri R. Studio del trascrittoma nella "Substantia nigra" di soggetti con malattia di Parkinson. II Annual Meeting della Rete IRCCS delle Neuroscienze e della Neuroriabilitazione (RIN). Bologna, 15-16 Dicembre 2022.

#### PUBBLICAZIONI SU RIVISTA SCIENTIFICA IN LINGUA ITALIANA

- 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.

#### ALTRE PUBBLICAZIONI SPECIALISTICHE

- 1) Gruppo di lavoro Comitato Tecnico Scientifico Regionale della Rete del Politrauma (**Lanza G**). Reti Cliniche Tempo-Dipendenti. Rete del Trauma Maggiore – Percorso Diagnostico Terapeutico Assistenziale. Allegato n. 1) al D.A. 547 - Regione Siciliana. *Gazzetta Ufficiale della Regione Siciliana* (p. I);38(Suppl. ord. 2):4-30.
- 2) Figorilli M, **Lanza G**, Congiu P, Lecca R, Casaglia E, Mogavero MP, Puligheddu M, Ferri, R. REM Sleep Behavior Disorder. *Encyclopedia* 2022; <https://encyclopedia.pub/entry/24398>.