

LISTA PUBBLICAZIONI 2025

Aggiornato al 30 Agosto 2025

1.

Modulation of NCX1 expression in monocytes associates with multiple sclerosis progression

Heliyon

Rubino V, Cammarota M, Criscuolo C, Cianflone A, De Martino M, de Rosa V, Esposito F, Abbadessa G, Carriero F, Terrazzano G, Chieffi P, Bonavita S, Bresciamorra V, Annunziato L, Ruggiero G, Boscia F

2.

Pharmacological inhibition of carbonic anhydrases with a positively charged pyridinium sulfonamide phenocopies the neuroprotective effects of Car9 genetic ablation in a murine setting of oxygen/glucose deprivation followed by re-oxygenation and is associated with improved neuronal function in ischemic rats

Heliyon

Amiranda S, Succio M, Anzilotti S, Cuomo O, Petrozziello T, Tedeschi V, Finizio A, Mele G, Parkkila S, Annunziato L, De Simone G, Pignataro G, Secondo A, Zambrano N

3.

The E3-ligase Siah2 activates mitochondrial quality control in neurons to maintain energy metabolism during ischemic brain tolerance

Cell Death Dis.

Sisalli MJ, D'Apolito E, Cuomo O, Lombardi G, Tufano M, Annunziato L, Scorziello A

4.

Modulation of ZnT-1 by Let7a unveils a therapeutic potential in amyotrophic lateral sclerosis

Neurotherapeutics

Anzilotti S, Franco C, Valsecchi V, Cuomo O, Lombardi G, Di Muraglia N, De Iesu N, Laudati G, Annunziato L, Canzoniero LMT, Pignataro G

5.

A new nano-encapsulated TSPO ligand reduces neuroinflammation and improves cognitive functions in Alzheimer's disease model

Theranostics

Casamassa A, Brancaccio P, Campani V, Corvino A, Anzilotti S, Pecoraro G, Andreozzi G, Daniele R, Piccialli I, Pannaccione A, Reveglia P, Lecce L, Paolillo C, Fiorino F, De Rosa G, Caliendo G, Annunziato L, Pignataro G

6.

In vivo MRI of breast cancer using carbonic anhydrase IX proteoglycan-like domain-targeting liposomes

J Control Release

Quattrocioni C, Padovan S, Fagoonee S, Aime S, Menchise V, Castelli DD

7.

Molecular and supramolecular routes to enhance Gadolinium-based contrast agents relaxivity: How far are we from the theoretical optimal value?

Eur J Med Chem.

Palagi L, Longo DL, Tóth É, Quattrocioni CC, van der Molen AJ, Aime S, Gianolio E

8.

Monitoring Glycolysis by Endogenous 31P CEST Magnetic Resonance Imaging

Angew Chem Int Ed Engl.

Vassallo G, Fiorucci C, Garelo F, Aime S, Delli Castelli D

9.

Effect of the Compartmentalization Into Liposome's Cavity on the Relaxation Times of F- and PF6- Anions

NMR Biomed.

Costanzo D, Garelo F, Aime S, Terreno E

10.

Functional neurological disorder in multiple sclerosis: A prospective study

Mult Scler Relat Disord.

Cuoco S, Scannapieco S, Barra F, Giordano C, Gregorio MD, Barone P, Erro R

11.

A smart tool for non expert clinicians for the dissemination of the MDS criteria for progressive supranuclear palsy

Neurol Sci.

Picillo M, Abate F, Canoro V, Tepedino MF, Barone P, Erro R

12.

Biological frameworks for Parkinson's disease: the heterogeneity SA

J Neurol.

Landolfi A, Sorrentino C, Barone P, Erro R

13.

Fist-Palm Test May Identify Mild Cognitive Impairment and Freezing of Gait in Parkinson's Disease: A Machine Learning Approach

Mov Disord Clin Pract

Cuoco S, Russo M, Ricciardi C, D'Arco B, Sorrentino C, Cappiello A, Romano M, Amato F, Aiello M, Erro R, Amboni M, Barone P

14.

A smart tool for non expert clinicians for the dissemination of the MDS criteria for progressive supranuclear palsy

Neurol Sci.

Picillo M, Abate F, Canoro V, Tepedino MF, Barone P, Erro R

15.

Biological frameworks for Parkinson's disease: the heterogeneity SAAgged

J Neurol

Landolfi A, Sorrentino C, Barone P, Erro R

16.

Gender Is the Main Predictor of Wearing-Off and Dyskinesia in Levodopa-Naïve Patients with Parkinson's Disease

Mov Disord Clin Pract.

Pellecchia MT, Picillo M, Russillo MC, Amboni M, Arabia G, Avanzino L, Canesi M, Catania A, Ceravolo R, Cicero CE, Cilia R, Colangelo I, Dati G, De Micco R, De Rosa A, Di Fonzo A, Eleopra R, Fetoni V, Garavaglia B, Giglio A, Giuntini M, Invernizzi F, Lazzeri G, Marchese R, Nicoletti A, Pacchetti C, Panteghini C, Pilleri M, Radicati F, Reale C, Scaglione C, Soricelli A, Stocchi F, Tessitore A, Vacca L, Volontè MA, Volpi G, Zangaglia R, Amato F, Ricciardi C, Russo M, Barone P

17.

Digital Inclusion in Parkinson's Disease: A Case-Control Study

Mov Disord Clin Pract.

Canoro V, Pilotto A, Lena F, Fioravanti V, Longo C, Schirinzi T, Picillo M, Pellecchia MT, Sorrentino C, Cavallieri F, Padovani A, Malaguti MC, Modugno N, Barone P, Erro R

18.

Abnormal electroencephalographic rhythms from quiet wakefulness to light sleep in Alzheimer's disease patients with mild cognitive impairment

Clin Neurophysiol.

Salamone EM, Carpi M, Noce G, Del Percio C, Lopez S, Lizio R, Jakhar D, Eldellaa A, Isaza VH, Bölükbaş B, Soricelli A, Salvatore M, Güntekin B, Yener G, Massa F, Arnaldi D, Famà F, Pardini M, Ferri R, Salemi M, Lanuzza B, Stocchi F, Vacca L, Coletti C, Marizzoni M, Taylor JP, Hanoğlu L, Yılmaz NH, Kıyı İ, Kula H, Frisoni GB, Cuoco S, Barone P, D'Anselmo A, Bonanni L, Biundo R, D'Antonio F, Bruno G, Giubilei F, Antonini A, Babiloni C

19.

Resting-state electroencephalographic rhythms depend on sex in patients with dementia due to Parkinson's and Lewy Body diseases: An exploratory study

Neurobiol Dis.

Del Percio C, Lizio R, Lopez S, Noce G, Jakhar D, Carpi M, Bölükbaş B, Soricelli A, Salvatore M, Güntekin B, Yener G, Massa F, Arnaldi D, Famà F, Pardini M, Ferri R, Salerni M, Lanuzza B, Stocchi F, Vacca L, Coletti C, Marizzoni M, Taylor JP, Hanoğlu L, Helvacı Yılmaz N, Kıyı İ, Özbek-İşbitiren Y, Frisoni GB, Cuoco S, Barone P, D'Anselmo A, Bonanni L, Biundo R, D'Antonio F, Bruno G, Giubilei F, De Pandis F, Rotondo R, Antonini A, Babiloni C

20.

Alpha rhythm and Alzheimer's disease: Has Hans Berger's dream come true?

Clin Neurophysiol.

Babiloni C, Arakaki X, Baez S, Barry RJ, Benussi A, Blinowska K, Bonanni L, Borroni B, Bayard JB, Bruno G, Cacciotti A, Carducci F, Carino J, Carpi M, Conte A, Cruzat J, D'Antonio F, Della Penna S, Del Percio C, De Sanctis P, Escudero J, Fabbrini G, Farina FR, Fraga FJ, Fuhr P, Gschwandtner U, Güntekin B, Guo Y, Hajos M, Hallett M, Hampel H, Hanoğlu L, Haraldsen I, Hassan M, Hatlestad-Hall C, Horváth AA, Ibanez A, Infarinato F, Jaramillo-Jimenez A, Jeong J, Jiang Y, Kamiński M, Koch G, Kumar S, Leodori G, Li G, Lizio R, Lopez S, Ferri R, Maestú F, Marra C, Marzetti L, McGeown W, Miraglia F, Moguilner S, Moretti DV, Mushtaq F, Noce G, Nucci L, Ochoa J, Onorati P, Padovani A, Pappalettera C, Parra MA, Pardini M, Pascual-Marqui R, Paulus W, Pizzella V, Prado P, Rauchs G, Ritter P, Salvatore M, Santamaria-García H, Schirner M, Soricelli A, Taylor JP, Tankisi H, Tecchio F, Teipel S, Kodamullil AT, Triggiani AI, Valdes-Sosa M, Valdes-Sosa P, Vecchio F, Vossel K, Yao D, Yener G, Ziemann U, Kamondi A

21.

Resting-State EEG Alpha Rhythms Are Related to CSF Tau Biomarkers in Prodromal Alzheimer's Disease

Int J Mol Sci.

Del Percio C, Lizio R, Lopez S, Noce G, Carpi M, Jakhar D, Soricelli A, Salvatore M, Yener G, Güntekin B, Massa F, Arnaldi D, Famà F, Pardini M, Ferri R, Carducci F, Lanuzza B, Stocchi F, Vacca L, Coletti C, Marizzoni M, Taylor JP, Hanoğlu L, Yılmaz NH, Kıyı İ, Özbek-İşbitiren Y, D'Anselmo A, Bonanni L, Biundo R, D'Antonio F, Bruno G, Antonini A, Giubilei F, Farotti L, Parnetti L, Frisoni GB, Babiloni C

22.

The compensatory effect of education as revealed by resting-state electroencephalographic alpha rhythms in patients with dementia due to Parkinson's disease: findings from an exploratory study

Geroscience

Lopez S, Del Percio C, Lizio R, Noce G, Jakhar D, Soricelli A, Salvatore M, Güntekin B, Yener G, Massa F, Arnaldi D, Famà F, Pardini M, Ferri R, Carducci F, Lanuzza B, Stocchi F, Vacca L, Coletti C, Marizzoni M, Taylor JP, Hanoğlu L, Yılmaz NH, Kızı İ, Özbek-İşbitiren Y, D'Anselmo A, Bonanni L, Biundo R, D'Antonio F, Bruno G, Antonini A, Giubilei F, Cuoco S, Barone P, Frisoni GB, Rotondo R, De Pandis F, Babiloni C

23.

Educational attainment, electroencephalographic rhythms, cortical structure, and cognitive performance over 2 years in older adults with subjective memory complaints and brain amyloidosis

Alzheimers Dement.

Lopez S, Hampel H, Percio CD, Noce G, Lizio R, Teipel SJ, Dyrba M, González-Escamilla G, Bakardjian H, Chiesa PA, Cavedo E, Vergallo A, Lemercier P, Spinelli G, Grothe MJ, Potier MC, Stocchi F, Coletti C, Ferri R, Pardini M, Habert MO, Marziali S, Dubois B, Babiloni C; and INSIGHT-preAD study group

24.

Association between cognitive functioning and microbiota-gut-brain axis mediators in a memory clinic population

Front Cell Neurosci.

Singh Solorzano C, Festari C, Mirabelli P, Mombelli E, Coppola L, Luongo D, Naviglio D, Soricelli A, Quattrini G, Salvatore M, Pievani M, Cattaneo A, Frisoni GB, Marizzoni M

25.

Microstructural assessment of the locus coeruleus-entorhinal cortex pathway and association with ATN markers in cognitive impairment

Alzheimers Dement.

Aiello M, Marizzoni M, Borrelli P, Cavaliere C, Ribaldi F, Garibotto V, Scheffler M, Jelescu IO, Jovicich J, Catani M, Salvatore M, Frisoni GB, Pievani M

26.

[18F]flutemetamol uptake in the colon of a memory clinic population and its association with brain amyloidosis and the gut microbiota profile: an exploratory study

Eur J Nucl Med Mol Imaging

Quattrini G, Gatti E, Peretti DE, Aiello M, Chevalier C, Lathuiliere A, Park R, Pievani M, Salvatore M, Scheffler M, Cattaneo A, Frisoni GB, Garibotto V, Marizzoni M

27.

Stability of radiomic features in magnetic resonance imaging of the female pelvis: A multicentre phantom study

Phys Med.

Sghedoni R, Origgi D, Cucurachi N, Minischetti GC, Alio D, Savini G, Botta F, Marzi S, Aiello M, Rancati T, Cusumano D, Politi LS, Didonna V, Massafra R, Petrillo A, Esposito A, Imparato S, Anemoni L, Bortolotto C, Preda L, Boldrini L

28.

Dual-task-related gait patterns as possible marker of precocious and subclinical cognitive alterations in Parkinson disease

Sci Rep.

Di Filippo F, De Biasi G, Russo M, Ricciardi C, Pisani N, Volzone A, Aiello M, Cuoco S, Calabrese M, Romano M, Barone P, Amboni M

29.

Spleen volume assessment in Ph-negative chronic myeloproliferative neoplasms: a real-life study comparing ultrasonography vs. magnetic resonance imaging scans

Ann Hematol.

Pugliese N, Cavaliere C, Basso L, Fazio L, Malafronte R, Giordano C, Vincenzi A, Varricchio S, Mascolo M, Martinelli V, Picardi M, Salvatore M, Pane F

30.

Deficits in reaching movements under visual interference as a novel diagnostic marker for mild cognitive impairment

Sci Rep.

Ilardi CR, Federico G, La Marra M, Amato R, Iavarone A, Soricelli A, Santangelo G, Chieffi S

31.

Left parietal structural connectivity mediates typical and atypical language laterality in temporal lobe epilepsy

Epilepsia

Citro S, Javidi SS, Ankeeta Ankeeta, He X, Zhang Q, Kry Y, Sperling MR, Tracy JI

32.

Visual mental imagery in typical imagers and in aphantasia: A millimeter-scale 7-T fMRI study

Cortex.

Liu J, Zhan M, Hajhajate D, Spagna A, Dehaene S, Cohen L, Bartolomeo P

33.

Reliability assessment of accelerated MR sequences for the estimation of structural and vascular markers in dementia

Sci Rep.

Verdicchio M, Grassi F, Esposito G, Cavaliere C, Alfano V, Cerrone M, Pappatà S, Salvatore E, Di Cecca A, Salvatore M, Aiello M

34.

Lack of pre-movement facilitation as neurophysiological hallmark of fatigue in patients with Parkinson's disease: A single pulse TMS study

Neurobiol Dis.

Buonocore A, Cafaro C, De Luca C, Vermiglio G, Sepe G, Rocco G, Aiello M, Soricelli A, Papa M, Cavaliere C, Cirillo G

35.

ApoC-III and ectopic fat accumulation in individuals with type 2 diabetes: an exploratory analysis from the MEDEA randomised controlled study

Diabetologia.

Costabile G, Salamone D, Della Pepa G, Testa R, Vitale M, Brancato V, Salvatore M, Soricelli A, Annuzzi G, Rivellese AA, Bozzetto L

36.

Theta Burst TMS over the Pre-SMA Improves Inhibitory Control in Gambling Disorder Subjects as Assessed with Stop Signal Task

Brain Sci.

Gavazzi G, Cavaliere C, Salvatore M, Makris N, Pallanti S

37.

External validation of a predictive model for post-treatment persistent disease by ¹³¹I whole-body scintigraphy in patients with differentiated thyroid cancer

Eur J Nucl Med Mol Imaging

Nappi C, Megna R, Zampella E, Volpe F, Piscopo L, Falzarano M, Vallone C, Pace L, Petretta M, Cuocolo A, Klain M

38.

Implementation of guideline-directed medical therapy in patients with heart failure with reduced ejection fraction (OpTIMa-HF Registry)

ESC Heart Fail.

Paolillo S, Basile C, Marzano F, Bruzzese D, Agostoni P, Mattavelli I, Aloisio A, Ameri P, Solimano M, Brunetti ND, Calabrò P, Cesaro A, Cameli M, Mandoli GE, Carluccio E, Belardinelli C, Carugo S, Casalino L, Chiuini E, Cosmi D, Dini FL, Di Santo M, Esposito G, Ferrara F, Fierro MF, Galasso G, Gallo L, Rispoli A, Gargiulo P, Grigioni F, Segreti A, Guarnaccia F, Guarnaccia N, Guerra F, Cicchirillo E, Indolfi C, Larcher M, Lillo A, Metra M, Montisci R, Marchetti MF, Nodari S, Fioretti F, Nardi E, Oliviero U, Palazzuoli A, Patti G, Pepe M, Pacelli F, Perrone Filardi P, Putortì G, Santoro G, Senni M, D'Elia E, Severino P, D'Amato A, Soriano S, Sinagra G, Rossi M, Franzese M, Smaldone G, Zito GB, Perrone Filardi P

39.

Guiding patient-specific cardiac simulations through data-assimilation of soft tissue kinematics from dynamic CT scan

Comput Biol Med.

Scarpolini MA, Piumini G, Gasparotti E, Maffei E, Cademartiri F, Celi S, Viola F

40.

Prognostic value of myocardial flow reserve by PET imaging in patients with suspected coronary artery disease: A systematic review and meta-analysis

Int J Cardiol Heart Vasc

D'Antonio A, Assante R, Zampella E, Cantoni V, Green R, Gaudieri V, Mannarino T, Falzarano M, Volpicelli F, Cuttillo P, Matrisciano F, Buongiorno P, Panico M, Nappi C, Cozzolino D, Petretta M, Cuocolo A, Acampa W

41.

NAXCARE: A Clinical Outcome Registry for Naxos Disease and Related Cardio-cutaneous Syndromes

Hellenic J Cardiol.

Tsatsopoulou A, Abrahms DJ, Anastasakis A, Antoniadis L, Arbello E, Arbustini E, Ashley EA, Asimaki A, Basso C, Bossone E, Cadrin-Turigny J, Calkins H, Carbone A, Elliott PM, Efthimiadis G, Franzese M, Frogoudaki A, Gimeno JR, McGrath J, Ingles J, Kaski JP, Keren A, Kohiadakis G, Lazarou E, Lazaros G, Lerakis S, Limongelli G, Meditskou S, Mestroni L, Metaxa I, Monda E, Papatheodorou E, Parharidou D, Patrianakos A, Pilichou K, Protonotarios A, Protonotarios I, Rega S, Rigopoulos A, Saffitz J, Syrris P, Taylor M, Tintelen JPV, Vlachopoulos C, Xylouri Z, McKenna WJ

42.

Current and future applications of photon-counting computed tomography in cardiovascular medicine

Heart.

Cademartiri F, Maffei E, Cau R, Positano V, De Gori C, Celi S, Saba L, Bossone E, Meloni A

43.

Doughnut Sign: A Mixed Plaque Phenotype Unraveled Only by the Photon Counting CCTA Circ Cardiovasc Imaging.

Revaiah PC, Serruys PW, Hynes SO, Bourantas CV, Precht H, Onuma Y, Maffei E, Cademartiri F

44.

A Half-Sandwich Os(II) Glucoconjugated NHC Complex as a Modulator of Amyloid Aggregation

Inorg Chem.

Florio D, Annunziata A, Panzetta V, Netti PA, Ruffo F, Marasco D

45.

Exploring thymic stromal lymphopoietin in the breast cancer microenvironment: A preliminary study

Oncol Lett.

Marcella S, Braile M, Grimaldi AM, Soricelli A, Smaldone G

46.

Fmoc-FF Nanogel-Mediated Delivery of Doxorubicin and Curcumin in Thyroid Cancer Cells

Pharmaceutics.

Gallo E, Smaldone G, Cimmino L, Braile M, Orlandella FM, Luciano N, Accardo A, Salvatore G

47.

Co-modulation of a circular form of PCDH11Y during neuroendocrine differentiation of prostate cancer

Front Oncol

Pecoraro G, Leone I, Nuzzo S, Negueruela S, Smaldone G, Buono L

48.

Ex.50.T aptamer impairs tumor-stroma cross-talk in breast cancer by targeting gremlin1

Cell Death Discov.

Quintavalle C, Ingenito F, Roscigno G, Pattanayak B, Esposito CL, Affinito A, Fiore D, Petrillo G, Nuzzo S, Della Ventura B, D'Aria F, Giancola C, Mitola S, Grillo E, Pirozzi M, Donati G, Di Leva FS, Marinelli L, Minic Z, De Micco F, Thomas G, Berezovski MV, Condorelli G

49.

Investigating the Interactions of Peptide Nucleic Acids with Multicomponent Peptide Hydrogels for the Advancement of Healthcare Technologies

Gels.

Giordano S, Terracciano M, Gallo E, Diaferia C, Falanga AP, Accardo A, Franzese M, Salvatore M, Piccialli G, Borbone N, Oliviero G

50.

Cellular senescence as a prognostic marker for predicting breast cancer progression in 2D and 3D organoid models

Biomed Pharmacother

Niro F, Pecoraro G, Balestrieri A, Soricelli A, D'aiuto M, Mossetti G, Ciaramella V

51.

Circulating miR-10b-5p, miR-193a-3p, and miR-1-3p Are Deregulated in Patients with Heart Failure and Correlate with Hormonal Deficiencies

Int J Mol Sci.

Grimaldi AM, D'Assante R, Fiore F, Marcella S, Paolillo S, Cacciatore F, Mercurio V, Bossone E, Cittadini A, Tocchetti CG, Incoronato M

52.

The effects of platinum(IV) complexes on A β 1-42 aggregation: a synergistic inhibition upon axial coordination

Dalton Trans.

La Manna S, Florio D, Platts JA, Gabano E, Ravera M, Marasco D

53.

Feature Selection and Network-Driven Analyses to Unveil Common RNA Signatures in Colon and Pancreatic KRAS-Mutant Cancers

Cancer Med.

Pane K, Zanfardino M, Grimaldi AM, Leone I, Nuzzo S, Salvatore M, Franzese M

54.

PCSK9 Inhibitors "Fast Track" Use Versus "Stepwise" Lipid-Lowering Therapy in Patients with Acute Coronary Syndrome: A Retrospective Single-Center Study in a "Real-World" Population

J Clin Med.

D'Andrea D, Capone V, Bellis A, Castaldo R, Franzese M, Carpinella G, Furbatto F, La Rocca F, Marsico F, Marfella R, Paolisso G, Paolisso P, Fumagalli C, Cappiello M, Bossone E, Mauro C

55.

Subtypes detection of papillary thyroid cancer from methylation assay via Deep Neural Network

Comput Struct Biotechnol J.

Colacino A, Soricelli A, Ceccarelli M, Affinito O, Franzese M

56.

Virtual cardiac histology: Towards a radiodensitometric characterization of left ventricular cardiac muscle in healthy and pathological conditions

Comput Methods Programs Biomed.

Forni R, Colacino A, Punzo B, Cavaliere C, Franzese M, Ulfarsson AO, Corsi C, Gargiulo P

57.

Ejtm3 experiences after ChatGPT and other AI approaches: values, risks, countermeasures

Eur J Transl Myol

Fanò-Illic G, Coraci D, Maccarone MC, Masiero S, Quadrelli M, Morra A, Ravara B, Pond A, Forni R, Gargiulo P