SILVIA PAOLA CAMINITI, PhD

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MAIN RESEARCH INTERESTS AND COMPETENCES

Neuroimaging specialist focused on aging and neurodegenerative diseases, blending academic Neuroscience background with extensive research in molecular neuroimaging. Explored brain anatomy, function, and connectivity under normal and pathological conditions. Passionate about uncovering brain vulnerability using advanced technical and computational methods, seeking insights into diverse clinical phenotypes. Committed to pushing boundaries and contributing to the understanding of neurological health and evolution.

CURRENT POSITION

Researcher (RTD-A) Supported by PNRR (2023-2026)

Department of Brain and Behavioral Sciences, University of Pavia, Pavia, Italy

Honorary Senior Research Fellow (2023-2027)

University of Exeter, Exeter, UK

Honorary Senior Research Fellow (2023-2027)

San Raffaele Hospital, Milan, Italy

PREVIOUS POSITIONS

Research Assistant (2012-2013)

Vita-Salute San Raffaele University

Study of functional network connectivity correlates of emotion attribution in the behavioral variant of Frontotemporal Dementia

Supervisor: Prof. Nicola Canessa

Research Fellow (2014-2015)

Vita-Salute San Raffaele University

Analysis of Neuroimaging and Neuropsychological data for the Multicenter EU FP7 INMIND Consortium

Supervisor: Prof. Daniela Perani

Visiting Research Scientist (2017-2018)

King's College London

Study of molecular Imaging – Mitochondria Associated Proteins & Synapses – in Parkinson's disease

Supervisor: Prof. Marios Politis

Adjunct Professor (2019-2023)

Vita-Salute San Raffaele University

Faculty of Psychology:

- Mandatory Course: Fundamentals of Neuroscience of Neural Systems (40h - 6 CFU)
- Optional Course: Principles of Applied Neuroanatomy (20h - 3 CFU)

Specialization School in Neuropsychology:

- Mandatory Course: Neuroimaging of Cognitive Functions (12h – 1.5 CFU)

Post-doctoral Researcher (2019-2022)

San Raffaele Scientific Institute, Division of Neuroscience

Analysis of Neuroimaging and Neuropsychological data for the Multicenter "Interceptor Project"

Supervisor: Prof. Daniela Perani

Visiting Research Scientist (2021)

University of Brescia

Analysis of SPECT data for brain dopaminergic imaging and extraction of connectivity measures in DLB and PD cohorts of patients

Supervisor: Prof. Andrea Pilotto

ADDITIONAL INFORMATION

Professional Registrations:

Psychologist registered in the Order of Psychologists of Lombardia (Italy)

National Academic Qualification as Associate Professor in Psychology (11/E1 - General Psychology, Psychobiology and Psychometrics)

National Academic Qualification as Associate Professor in Medicine (06/N1 - Health Professions and Medical Technologies)

Committee Memberships:

Steering Committee Member, Molecular Connectivity Working Group

Steering Committee Member, GdS Neurology, Associazione Italiana Medicina Nucleare (AIMN)

Editorial Roles:

Reviewer for Elsevier Book: Computational Techniques for Neurodegenerative Disease Management with Advanced Medical Imaging

Associate Editor: Clinical and Translational Imaging

Associate Editor: Frontiers in Neuropsychology; Guest Associate Editor: Frontiers in Brain Imaging and Stimulation; Review Editor: Frontiers in Brain Imaging and Stimulation.

EDUCATION

University of Vita-Salute San Raffaele (Milan, Italy)

PhD (2018) - Molecular Medicine

MSc (2013) - Cognitive Neuroscience

BSc (2011) - Psychology

University of Padua (Padua, Italy)

Workshop (2014) - Neuroanatomy and Tractography

Harvard University (Cambridge, USA)

Internship (2014) - Mapping Brain Connectivity in mice brain

King's College London (London, UK)

Workshop (2017) - Simultaneous PET-MR

University of Amsterdam (Amsterdam, Netherlands)

Workshop (2015) - PET Tracer Pharmacokinetics

Data Science Academy (Rome, Italy)

Master (2022) - Statistics and Data Analysis

University of Pavia (Pavia, Italy)

Training Course (2025) – English as a Medium of Instruction

Centro Linguistico di Ateneo, 24-hour program on higher education instruction in English

FELLOWSHIPS AND SCIENTIFIC AWARDS

- Grant supported by the MUR – FIS2 Starting Grant (Principal Investigator)
- Grant supported by the FRRB - Early Career Award 2nd Edition (Team Member)
- Grant supported by the Italian Ministry of Health – Ricerca Finalizzata Giovani Ricercatori GR-2021-12373993 (Head of Unit)
- Sponsorship for the Brain and Brain PET 2022 Satellite symposium "PET for brain connectivity: back to the future"
- Parkinson's Foundation Visiting Scholar Award (2018) for the project "Molecular Imaging of Neurodegenerative Disease: Mitochondria Associated Proteins & Synapses & Parkinson's disease (MIND-MAPS-PD)"
- Research Grant “Assegno di Ricerca” (2019) for the project "Identification of neuroimaging biomarkers for diagnosis and prognosis and therapeutic monitoring of inflammatory-related amyloid angiogenic angiopathy (CAA-ri)" Vita-Salute San Raffaele University of Milan (11/E1)
- Travel Grant, European Academy of Neurology 2018, Lisbon, Portugal
- Distinguished Oral Communication Award, ECCN – Rome, Italy
- Best Poster in Neuroimaging, RIN 2022 – Bologna, Italy
- PhD fellowship supported by the Italian Ministry of Health
- Early-stage researcher fellowship supported by the EU FP7 INMIND Project FP7-HEALTH-2013

ORGANIZATION OR PARTICIPATION AS INVITED SPEAKER

2018: Invited Speaker, Neuroyoung, Ospedale San Raffaele, Milan

2019: Invited Speaker, Symposium “Incontro con la Follia,” Reggio Calabria

2019: Invited Speaker, Symposium “XVIII Congresso Nazionale SINS”

2019: Invited Speaker, “Alzheimer’s Café,” Reggio Calabria

2020: Invited Speaker, Centre de la mémoire des Hôpitaux Universitaires de Genève - HUG - Scientific forum, Online

2021: Invited Speaker, “Moviews - Proteinopathies in Parkinson’s disease,” Online

2021: Seminar Organizer, "Neurobiology of psychopathology" – Invited Expert M Vaghi, Milan

2021: Invited Speaker, “III° Convegno Annuale Neuropsicologia e Neurologia Comportamentale in Ospedale,” Online

2021: Invited Speaker, OHBM: PET Imaging of Brain Connectivity: Hype or Future? Online

2022: Chair for the Brain&BrainPET satellite symposium, Glasgow

2023: Chair for the FAD “Update on Parkinson Disease: Management and treatment,” Online

2023: Invited Speaker, “Corso avanzato in Neurologia Nucleare - Molecular imaging of the brain,” Pesaro

2023: Invited Speaker, “SiNAPSA Neuroscience Conference '23 (SNC'23),” Ljubljana

2023: Invited Speaker, “Scuola di Neuro-Imaging Molecolare. Dalla analisi visiva a quella semiquantitativa con piattaforma DO-Lab Research Edition”, Prato

2024: Invited Speaker, “Corso base di Neurologia Nucleare”, Pesaro

2024: Workshop Organizer, “Connettomica cerebrale e neuro-imaging molecolare”, Pesaro

2024: Workshop Organizer, Annual Symposium of the Molecular Connectivity Working Group. "Molecular Imaging of Brain Connectivity: towards standardized nomenclature" Munich and Streamed Live

ONGOING EXTERNAL COLLABORATIONS

University of Exeter – Prof. Marios Politis

University of Brescia – Prof. Alessandro Padovani

University of Brescia – Prof. Andrea Pilotto

San Raffaele Hospital – Prof. Arturo Chiti

University of Turin – Prof. Silvia Morbelli

Technische Universität München – Prof. Igor Yakushev

Tor Vergata University of Rome – Prof. Nicola Toschi

University of Pavia – Prof. Enza Maria Valente

University of Pisa – Prof. Mazzoni

University of Parma - Prof. Annalena Venneri

University of Rome Tor Vergata - Prof. Augusto Carlesimo

University of Rome Tor Vergata - Prof. Claudio Liguori

Karolinska Institutet- Prof. Joana Pereira

NATIONAL AND INTERNATIONAL WORKGROUPS

Mnesys PNRR

A multiscale integrated approach to the study of the nervous system in health and disease. Neural and clinical correlates of rehabilitation in neurodegenerative conditions (Leader: UNIPV; others: UNIPR, UniTOV, FDG, ISNB).

Task Force PET Connectivity

International collaboration (Europe, Australia, USA) with experts in the field of molecular neuroimaging focusing on brain connectivity.

GdS Neurology - Associazione Italiana Medicina Nucleare (AIMN)

The Nuclear Neurology Study Group aims to enhance diagnosis, treatment, monitoring, and understanding of brain diseases. The group promotes interdisciplinary collaboration, basic research on radiopharmaceuticals and brain mechanisms, imaging technique optimization, education, and the use of advanced technologies such as PET/MRI, CZT detectors, and AI.

InMind Consortium

A multidisciplinary consortium of 28 partners from 12 European countries including an Australian partner and 6 SMEs (21.4%), covering fields such as molecular and cellular biology, chemistry, bio- and radiochemistry, pharmacology, imaging, clinical neuroscience, and psychiatry.

MEMBERSHIP IN SCIENTIFIC AND PROFESSIONAL SOCIETIES

2021: Organization for Human Brain Mapping (OHBM)

2021: International Society for Cerebral Blood Flow and Metabolism (ISCBFM)

2022: Italian Neurological Dementia Association (SINDEM)

2023: International Parkinson and Movement Disorder Society (MDS)

2023: European Association of Nuclear Medicine (EANM)

2023: Fondazione LIMPE

SCIENTIFIC REVIEWING EXPERIENCE

Neurology

Cerebral Cortex

Frontiers

Neuroimage: Clinical

European Journal of Nuclear Medicine and Molecular Imaging

Neurology Journal of Alzheimer's disease

Scientific Reports

Cortex

Neurological Sciences

Alzheimer's Research and Therapy

SCIENTIFIC PUBLICATIONS

Caminiti, S. P., Canessa, N., Cerami, C., Dodich, A., Crespi, C., Iannaccone, S., Marcone, A., Falini, A., & Cappa, S. F. (2015). Affective mentalizing and brain activity at rest in the behavioral variant of frontotemporal dementia. NeuroImage: Clinical, 9, 484–497. https://doi.org/10.1016/j.nicl.2015.08.012

Caminiti, S. P., Siri, C., Guidi, L., Antonini, A., & Perani, D. (2015). The neural correlates of spatial and object working memory in elderly and Parkinson's disease subjects. Behavioural Neurology, 2015. https://doi.org/10.1155/2015/123636

Perani, D., Cerami, C., Caminiti, S. P., Santangelo, R., Coppi, E., Ferrari, L., Pinto, P., Passerini, G., Falini, A., Iannaccone, S., Cappa, S. F., Comi, G., Gianolli, L., & Magnani, G. (2016a). Cross-validation of biomarkers for the early differential diagnosis and prognosis of dementia in a clinical setting. European Journal of Nuclear Medicine and Molecular Imaging, 43(3), 499–508. https://doi.org/10.1007/s00259-015-3170-y

Perani, D., Cerami, C., Caminiti, S. P., Santangelo, R., Coppi, E., Ferrari, L., Pinto, P., Passerini, G., Falini, A., Iannaccone, S., Cappa, S. F., Comi, G., Gianolli, L., & Magnani, G. (2016b). Erratum to: Cross-validation of biomarkers for the early differential diagnosis and prognosis of dementia in a clinical setting (European Journal of Nuclear Medicine and Molecular Imaging, 10.1007/s00259-015-3170-y). European Journal of Nuclear Medicine and Molecular Imaging, 43(1), 202–203. https://doi.org/10.1007/s00259-015-3205-4

Perani, D., Iaccarino, L., Sala, A., & Caminiti, S. P. (2017). The emerging role of PET imaging in dementia. F1000Research, 6. https://doi.org/10.12688/f1000research.11603.1

Sala, A., Caminiti, S. P., Presotto, L., Premi, E., Pilotto, A., Turrone, R., Cosseddu, M., Alberici, A., Paghera, B., Borroni, B., Padovani, A., & Perani, D. (2017). Altered brain metabolic connectivity at multiscale level in early Parkinson's disease. Scientific Reports, 7(1). https://doi.org/10.1038/s41598-017-04102-z

Presotto, L., Ballarini, T., Caminiti, S. P., Bettinardi, V., Gianolli, L., & Perani, D. (2017). Validation of 18F–FDG-PET Single-Subject Optimized SPM Procedure with Different PET Scanners. Neuroinformatics, 15(2), 151–163. https://doi.org/10.1007/s12021-016-9322-9

Caminiti, S. P., Alongi, P., Majno, L., Volontè, M. A., Cerami, C., Gianolli, L., Comi, G., & Perani, D. (2017). Evaluation of an optimized [18F]fluoro-deoxy-glucose positron emission tomography voxel-wise method to early support differential diagnosis in atypical Parkinsonian disorders. European Journal of Neurology, 24(5), 687,e26. https://doi.org/10.1111/ene.13269

Caminiti, S. P., Presotto, L., Baroncini, D., Garibotto, V., Moresco, R. M., Gianolli, L., Volonté, M. A., Antonini, A., & Perani, D. (2017). Axonal damage and loss of connectivity in nigrostriatal and mesolimbic dopamine pathways in early Parkinson's disease. NeuroImage: Clinical, 14, 734–740. https://doi.org/10.1016/j.nicl.2017.03.011

Caminiti, S. P., Tettamanti, M., Sala, A., Presotto, L., Iannaccone, S., Cappa, S. F., Magnani, G., & Perani, D. (2017). Metabolic connectomics targeting brain pathology in dementia with Lewy bodies. Journal of Cerebral Blood Flow and Metabolism, 37(4), 1311–1325. https://doi.org/10.1177/0271678X16654497

Caminiti, S. P., Ballarini, T., Sala, A., Cerami, C., Presotto, L., Santangelo, R., Fallanca, F., Vanoli, E. G., Gianolli, L., Iannaccone, S., Magnani, G., Perani, D., Parnetti, L., Eusebi, P., Frisoni, G., Nobili, F., Picco, A., & Scarpini, E. (2018). FDG-PET and CSF biomarker accuracy in prediction of conversion to different dementias in a large multicentre MCI cohort. NeuroImage: Clinical, 18, 167–177. https://doi.org/10.1016/j.nicl.2018.01.019

Iaccarino, L., Sala, A., Caminiti, S. P., Santangelo, R., Iannaccone, S., Magnani, G., & Perani, D. (2018). The brain metabolic signature of visual hallucinations in dementia with Lewy bodies. Cortex, 108, 13–24. https://doi.org/10.1016/j.cortex.2018.06.014

Pilotto, A., Premi, E., Caminiti, S. P., Presotto, L., Turrone, R., Alberici, A., Paghera, B., Borroni, B., Padovani, A., & Perani, D. (2018). Single-subject SPM FDG-PET patterns predict risk of dementia progression in Parkinson disease. Neurology, 90(12), e1029–e1037. https://doi.org/10.1212/WNL.0000000000005161

Niccolini, F., Wilson, H., Hirschbichler, S., Yousaf, T., Pagano, G., Whittington, A., Caminiti, S. P., Erro, R., Holton, J. L., Jaunmuktane, Z., Esposito, M., Martino, D., Abdul, A., Passchier, J., Rabiner, E. A., Gunn, R. N., Bhatia, K. P., & Politis, M. (2018). Disease-related patterns of in vivo pathology in Corticobasal syndrome. European Journal of Nuclear Medicine and Molecular Imaging, 45(13), 2413–2425. https://doi.org/10.1007/s00259-018-4104-2

Beretta, L., Caminiti, S. P., Santangelo, R., Magnani, G., Ferrari-Pellegrini, F., Caffarra, P., & Perani, D. (2019). Two distinct pathological substrates associated with MMSE-pentagons item deficit in DLB and AD. Neuropsychologia, 133. https://doi.org/10.1016/j.neuropsychologia.2019.107174

Castelnovo, V., Caminiti, S. P., Riva, N., Magnani, G., Silani, V., & Perani, D. (2019). Heterogeneous brain FDG-PET metabolic patterns in patients with C9orf72 mutation. Neurological Sciences, 40(3), 515–521. https://doi.org/10.1007/s10072-018-3685-7

Sala, A., Caminiti, S. P., Iaccarino, L., Beretta, L., Iannaccone, S., Magnani, G., Padovani, A., Ferini-Strambi, L., & Perani, D. (2019). Vulnerability of multiple large-scale brain networks in dementia with Lewy bodies. Human Brain Mapping, 40(15), 4537–4550. https://doi.org/10.1002/hbm.24719

Caminiti, S. P., Sala, A., Iaccarino, L., Beretta, L., Pilotto, A., Gianolli, L., Iannaccone, S., Magnani, G., Padovani, A., Ferini-Strambi, L., & Perani, D. (2019). Brain glucose metabolism in Lewy body dementia: Implications for diagnostic criteria. Alzheimer's Research and Therapy, 11(1). https://doi.org/10.1186/s13195-019-0473-4

Wilson, H., Pagano, G., de Natale, E. R., Mansur, A., Caminiti, S. P., Polychronis, S., Middleton, L. T., Price, G., Schmidt, K. F., Gunn, R. N., Rabiner, E. A., & Politis, M. (2020). Mitochondrial Complex 1, Sigma 1, and Synaptic Vesicle 2A in Early Drug-Naive Parkinson's Disease. Movement Disorders, 35(8), 1416–1427. https://doi.org/10.1002/mds.28064

Carli, G., Caminiti, S. P., Galbiati, A., Marelli, S., Casoni, F., Padovani, A., Ferini-Strambi, L., & Perani, D. (2020). In-vivo signatures of neurodegeneration in isolated rapid eye movement sleep behaviour disorder. European Journal of Neurology, 27(7), 1285–1295. https://doi.org/10.1111/ene.14215

Carli, G., Caminiti, S. P., Sala, A., Galbiati, A., Pilotto, A., Ferini-Strambi, L., Padovani, A., & Perani, D. (2020). Impaired metabolic brain networks associated with neurotransmission systems in the α-synuclein spectrum. Parkinsonism and Related Disorders, 81, 113–122. https://doi.org/10.1016/j.parkreldis.2020.10.036

Carotenuto, A., Wilson, H., Giordano, B., Caminiti, S. P., Chappell, Z., Williams, S. C. R., Hammers, A., Silber, E., Brex, P., & Politis, M. (2020). Impaired connectivity within neuromodulatory networks in multiple sclerosis and clinical implications. Journal of Neurology, 267(7), 2042–2053. https://doi.org/10.1007/s00415-020-09806-3

Iaccarino, L., Sala, A., Caminiti, S. P., Presotto, L., & Perani, D. (2020). In vivo MRI Structural and PET Metabolic Connectivity Study of Dopamine Pathways in Alzheimer's Disease. Journal of Alzheimer's Disease, 75(3), 1003–1016. https://doi.org/10.3233/JAD-190954

Perani, D., Caminiti, S. P., Carli, G., & Tondo, G. (2020). PET Neuroimaging in Dementia Conditions. In PET and SPECT in Neurology (pp. 211–282). https://doi.org/10.1007/978-3-030-53168-3_9

Tondo, G., Iaccarino, L., Caminiti, S. P., Presotto, L., Santangelo, R., Iannaccone, S., Magnani, G., & Perani, D. (2020). The combined effects of microglia activation and brain glucose hypometabolism in early-onset Alzheimer's disease. Alzheimer's Research and Therapy, 12(1). https://doi.org/10.1186/s13195-020-00619-0

Santangelo, R., Masserini, F., Agosta, F., Sala, A., Caminiti, S. P., Cecchetti, G., Caso, F., Martinelli, V., Pinto, P., Passerini, G., Perani, D., Magnani, G., & Filippi, M. (2020). CSF p-tau/Aβ42 ratio and brain FDG-PET may reliably detect MCI "imminent" converters to AD. European Journal of Nuclear Medicine and Molecular Imaging, 47(13), 3152–3164. https://doi.org/10.1007/s00259-020-04853-4

Tondo, G., Boccalini, C., Caminiti, S. P., Presotto, L., Filippi, M., Magnani, G., Frisoni, G. B., Iannaccone, S., & Perani, D. (2021). Brain Metabolism and Microglia Activation in Mild Cognitive Impairment: A Combined [18F]FDG and [11C]-(R)-PK11195 PET Study. Journal of Alzheimer's Disease, 80(1), 433–445. https://doi.org/10.3233/JAD-201351

Zerbini, G., Caminiti, S. P., & Perani, D. (2021). Hypoglycemia-induced brain hypometabolism captured in real time by FDG-PET. European Journal of Nuclear Medicine and Molecular Imaging, 48(5), 1686–1687. https://doi.org/10.1007/s00259-020-05141-x

Caminiti, S. P., Sala, A., Presotto, L., Chincarini, A., Sestini, S., Perani, D., Schillaci, O., Berti, V., Calcagni, M. L., Cistaro, A., Morbelli, S., Nobili, F., Pappatà, S., Volterrani, D., & Gobbo, C. L. (2021). Validation of FDG-PET datasets of normal controls for the extraction of SPM-based brain metabolism maps. European Journal of Nuclear Medicine and Molecular Imaging, 48(8), 2486–2499. https://doi.org/10.1007/s00259-020-05175-1

Sala, A., Caminiti, S. P., Presotto, L., Pilotto, A., Liguori, C., Chiaravalloti, A., Garibotto, V., Frisoni, G. B., D'Amelio, M., Paghera, B., Schillaci, O., Mercuri, N., Padovani, A., & Perani, D. (2021). In vivo human molecular neuroimaging of dopaminergic vulnerability along the Alzheimer's disease phases. Alzheimer's Research and Therapy, 13(1). https://doi.org/10.1186/s13195-021-00925-1

Caminiti, S. P., & Carli, G. (2022). Molecular imaging evidence in favor or against PDD and DLB overlap. In Neuroimaging in Parkinson's Disease and Related Disorders (pp. 275–295). https://doi.org/10.1016/B978-0-12-821651-4.00015-4

Tondo, G., Mazzini, L., Caminiti, S. P., Sarnelli, M. F., Corrado, L., Matheoud, R., D'Alfonso, S., Cantello, R., Sacchetti, G. M., Perani, D., Comi, C., & De Marchi, F. (2022). Clinical relevance of single-subject brain metabolism patterns in amyotrophic lateral sclerosis mutation carriers. NeuroImage: Clinical, 36. https://doi.org/10.1016/j.nicl.2022.103222

Caminiti, S. P., Carli, G., Avenali, M., Blandini, F., & Perani, D. (2022). Clinical and Dopamine Transporter Imaging Trajectories in a Cohort of Parkinson's Disease Patients with GBA Mutations. Movement Disorders, 37(1), 106–118. https://doi.org/10.1002/mds.28818

Piazza, F., Caminiti, S. P., Zedde, M., Presotto, L., Difrancesco, J. C., Pascarella, R., Giossi, A., Sessa, M., Poli, L., Basso, G., & Perani, D. (2022). Association of Microglial Activation With Spontaneous ARIA-E and CSF Levels of Anti-Aβ Autoantibodies. Neurology, 99(12), E1265–E1277. https://doi.org/10.1212/WNL.0000000000200892

Catricalà, E., Santi, G. C., Polito, C., Conca, F., Esposito, V., Caminiti, S. P., Boccalini, C., Berti, V., Bessi, V., Marcone, A., Iannaccone, S., Sorbi, S., Perani, D., & Cappa, S. F. (2022). Comprehensive qualitative characterization of linguistic performance profiles in primary progressive aphasia: a multivariate study with FDG-PET. Neurobiology of Aging, 120, 137–148. https://doi.org/10.1016/j.neurobiolaging.2022.09.001

Boccalini, C., Nicastro, N., Peretti, D. E., Caminiti, S. P., Perani, D., & Garibotto, V. (2023). Sex differences in dementia with Lewy bodies: an imaging study of neurotransmission pathways. European Journal of Nuclear Medicine and Molecular Imaging, 50(7), 2036–2046. https://doi.org/10.1007/s00259-023-06132-4

Caminiti, S. P., Boccalini, C., Nicastro, N., Garibotto, V., & Perani, D. (2023). Sex differences in brain metabolic connectivity architecture in probable dementia with Lewy bodies. Neurobiology of Aging, 126, 14–24. https://doi.org/10.1016/j.neurobiolaging.2023.02.004

Caminiti, S. P., & Perani, D. (2023). Impact of sex and gender on neurodegenerative diseases: evidence from molecular neuroimaging. A narrative review. Journal of Sex- and Gender- Specific Medicine, 9(1), 35–46. https://doi.org/10.1723/4031.40064

Caminiti, S. P., Pilotto, A., Premi, E., Galli, A., Ferrari, E., Gipponi, S., Cottini, E., Paghera, B., Perani, D., & Padovani, A. (2023). Dopaminergic connectivity reconfiguration in the dementia with Lewy bodies continuum. Parkinsonism and Related Disorders, 108. https://doi.org/10.1016/j.parkreldis.2023.105288

Polito, C., Conca, F., Santi, G. C., Esposito, V., Caminiti, S. P., Boccalini, C., Berti, V., Morinelli, C., Mazzeo, S., Marcone, A., Iannaccone, S., Bessi, V., Sorbi, S., Perani, D., Cappa, S. F., & Catricalà, E. (2023). Comparing two picture naming tasks in primary progressive aphasia: Insights from behavioural and neural results. Cortex, 166, 1–18. https://doi.org/10.1016/j.cortex.2023.04.014

Imarisio, A., Pilotto, A., Premi, E., Caminiti, S. P., Presotto, L., Sala, A., Zatti, C., Lupini, A., Turrone, R., Paghera, B., Borroni, B., Perani, D., & Padovani, A. (2023). Atypical brain FDG-PET patterns increase the risk of long-term cognitive and motor progression in Parkinson's disease. Parkinsonism and Related Disorders, 115. https://doi.org/10.1016/j.parkreldis.2023.105848

Sala, A., Herfert, K., Gonzalez-Escamilla, G., Caminiti, S. P., & Bertoglio, D. (2023). Editorial: Imaging brain molecular connectivity in health and disease. Frontiers in Human Neuroscience, 17. https://doi.org/10.3389/fnhum.2023.1298382

Sala, A., Lizarraga, A., Caminiti, S. P., Calhoun, V. D., Eickhoff, S. B., Habeck, C., Jamadar, S. D., Perani, D., Pereira, J. B., Veronese, M., & Yakushev, I. (2023). Brain connectomics: time for a molecular imaging perspective? Trends in Cognitive Sciences, 27(4), 353–366. https://doi.org/10.1016/j.tics.2022.11.015

Boccalini, C., Caminiti, S. P., Chiti, A., Frisoni, G. B., Garibotto, V., & Perani, D. (2024). The diagnostic and prognostic value of tau-PET in amnestic MCI with different FDG-PET subtypes. Annals of Clinical and Translational Neurology, 11(5), 1236–1249. https://doi.org/10.1002/acn3.52039

Caminiti, S. P., Bernini, S., Bottiroli, S., Mitolo, M., Manca, R., Grillo, V., Avenali, M., De Icco, R., Capellari, S., Carlesimo, G. A., Venneri, A., & Tassorelli, C. (2024). Exploring the neural and behavioral correlates of cognitive telerehabilitation in mild cognitive impairment with three distinct approaches. Frontiers in Aging Neuroscience, 16. https://doi.org/10.3389/fnagi.2024.1425784

Caminiti, S. P., De Francesco, S., Tondo, G., Galli, A., Redolfi, A., & Perani, D. (2024). FDG-PET markers of heterogeneity and different risk of progression in amnestic MCI. Alzheimer's and Dementia, 20(1), 159–172. https://doi.org/10.1002/alz.13385

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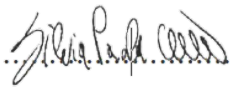

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