

Daniela Perani

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104
papers

3,112
citations

30
h-index

53
g-index

113
ext. papers

3,911
ext. citations

5.3
avg, IF

5.26
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 104 | Neural language networks at birth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 16056-61 | 11.5 | 319 |
| 103 | Heterogeneity of brain glucose metabolism in mild cognitive impairment and clinical progression to Alzheimer disease. <i>Archives of Neurology</i> , 2005 , 62, 1728-33 | | 227 |
| 102 | Functional specializations for music processing in the human newborn brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 4758-63 | 11.5 | 199 |
| 101 | A standardized [18F]-FDG-PET template for spatial normalization in statistical parametric mapping of dementia. <i>Neuroinformatics</i> , 2014 , 12, 575-93 | 3.2 | 177 |
| 100 | A European multicentre PET study of fibrillar amyloid in Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013 , 40, 104-14 | 8.8 | 148 |
| 99 | Validation of an optimized SPM procedure for FDG-PET in dementia diagnosis in a clinical setting. <i>NeuroImage: Clinical</i> , 2014 , 6, 445-54 | 5.3 | 133 |
| 98 | The impact of bilingualism on brain reserve and metabolic connectivity in Alzheimer's dementia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 1690-1695 | 11.5 | 121 |
| 97 | Amyloid-PET and F-FDG-PET in the diagnostic investigation of Alzheimer's disease and other dementias. <i>Lancet Neurology</i> , 2020 , 19, 951-962 | 24.1 | 95 |
| 96 | Brain metabolic maps in Mild Cognitive Impairment predict heterogeneity of progression to dementia. <i>NeuroImage: Clinical</i> , 2015 , 7, 187-94 | 5.3 | 72 |
| 95 | FDG-PET and CSF biomarker accuracy in prediction of conversion to different dementias in a large multicentre MCI cohort. <i>NeuroImage: Clinical</i> , 2018 , 18, 167-177 | 5.3 | 65 |
| 94 | Gender differences in healthy aging and Alzheimer's Dementia: A F-FDG-PET study of brain and cognitive reserve. <i>Human Brain Mapping</i> , 2017 , 38, 4212-4227 | 5.9 | 55 |
| 93 | Cross-validation of biomarkers for the early differential diagnosis and prognosis of dementia in a clinical setting. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016 , 43, 499-508 | 8.8 | 54 |
| 92 | Molecular Imaging of Neuroinflammation in Neurodegenerative Dementias: The Role of In Vivo PET Imaging. <i>International Journal of Molecular Sciences</i> , 2017 , 18, | 6.3 | 50 |
| 91 | FDG-PET and amyloid-PET imaging: the diverging paths. <i>Current Opinion in Neurology</i> , 2014 , 27, 405-13 | 7.1 | 48 |
| 90 | Different FDG-PET metabolic patterns at single-subject level in the behavioral variant of fronto-temporal dementia. <i>Cortex</i> , 2016 , 83, 101-12 | 3.8 | 45 |
| 89 | The Role of Single-Subject Brain Metabolic Patterns in the Early Differential Diagnosis of Primary Progressive Aphasias and in Prediction of Progression to Dementia. <i>Journal of Alzheimeris Disease</i> , 2017 , 55, 183-197 | 4.3 | 42 |
| 88 | Neuropsychiatric subsyndromes and brain metabolic network dysfunctions in early onset Alzheimer's disease. <i>Human Brain Mapping</i> , 2016 , 37, 4234-4247 | 5.9 | 41 |

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|----|--|------|----|
| 87 | Altered brain metabolic connectivity at multiscale level in early Parkinson's disease. <i>Scientific Reports</i> , 2017 , 7, 4256 | 4.9 | 40 |
| 86 | Metabolic connectomics targeting brain pathology in dementia with Lewy bodies. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017 , 37, 1311-1325 | 7.3 | 39 |
| 85 | A survey of FDG- and amyloid-PET imaging in dementia and GRADE analysis. <i>BioMed Research International</i> , 2014 , 2014, 785039 | 3 | 37 |
| 84 | The emerging role of PET imaging in dementia. <i>F1000Research</i> , 2017 , 6, 1830 | 3.6 | 36 |
| 83 | Single-subject SPM FDG-PET patterns predict risk of dementia progression in Parkinson disease. <i>Neurology</i> , 2018 , 90, e1029-e1037 | 6.5 | 36 |
| 82 | A Cross-Validation of FDG- and Amyloid-PET Biomarkers in Mild Cognitive Impairment for the Risk Prediction to Dementia due to Alzheimer's Disease in a Clinical Setting. <i>Journal of Alzheimer's Disease</i> , 2017 , 59, 603-614 | 4.3 | 35 |
| 81 | Brain glucose metabolism in Lewy body dementia: implications for diagnostic criteria. <i>Alzheimer's Research and Therapy</i> , 2019 , 11, 20 | 9 | 35 |
| 80 | Decoding the neural representation of fine-grained conceptual categories. <i>NeuroImage</i> , 2016 , 132, 93-103 | 10.9 | 33 |
| 79 | Brain changes within the visuo-spatial attentional network in posterior cortical atrophy. <i>Journal of Alzheimer's Disease</i> , 2015 , 43, 385-95 | 4.3 | 33 |
| 78 | Cholinergic activity correlates with reserve proxies in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2013 , 34, 2694.e13-8 | 5.6 | 33 |
| 77 | The DCDC2/intron 2 deletion and white matter disorganization: focus on developmental dyslexia. <i>Cortex</i> , 2014 , 57, 227-43 | 3.8 | 33 |
| 76 | Strong motion deficits in dyslexia associated with DCDC2 gene alteration. <i>Journal of Neuroscience</i> , 2015 , 35, 8059-64 | 6.6 | 31 |
| 75 | The semantic variant of primary progressive aphasia: clinical and neuroimaging evidence in single subjects. <i>PLoS ONE</i> , 2015 , 10, e0120197 | 3.7 | 30 |
| 74 | Erratum to "A Survey of FDG- and Amyloid-PET Imaging in Dementia and GRADE Analysis" <i>BioMed Research International</i> , 2014 , 2014, 1-1 | 3 | 30 |
| 73 | Evaluation of an optimized [F]fluoro-deoxy-glucose positron emission tomography voxel-wise method to early support differential diagnosis in atypical Parkinsonian disorders. <i>European Journal of Neurology</i> , 2017 , 24, 687-e26 | 6 | 29 |
| 72 | Brain Molecular Connectivity in Neurodegenerative Diseases: Recent Advances and New Perspectives Using Positron Emission Tomography. <i>Frontiers in Neuroscience</i> , 2019 , 13, 617 | 5.1 | 29 |
| 71 | Validation of F-FDG-PET Single-Subject Optimized SPM Procedure with Different PET Scanners. <i>Neuroinformatics</i> , 2017 , 15, 151-163 | 3.2 | 25 |
| 70 | Neuropsychological and FDG-PET profiles in VGKC autoimmune limbic encephalitis. <i>Brain and Cognition</i> , 2016 , 108, 81-7 | 2.7 | 25 |

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|----|---|-----|----|
| 69 | Right Limbic FDG-PET Hypometabolism Correlates with Emotion Recognition and Attribution in Probable Behavioral Variant of Frontotemporal Dementia Patients. <i>PLoS ONE</i> , 2015 , 10, e0141672 | 3.7 | 24 |
| 68 | Extrastriatal dopaminergic and serotonergic pathways in Parkinson's disease and in dementia with Lewy bodies: a I-FP-CIT SPECT study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019 , 46, 1642-1651 | 8.8 | 23 |
| 67 | The combined effects of microglia activation and brain glucose hypometabolism in early-onset Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2020 , 12, 50 | 9 | 23 |
| 66 | Biomarkers for the diagnosis of Alzheimer's disease in clinical practice: an Italian intersocietal roadmap. <i>Neurobiology of Aging</i> , 2017 , 52, 119-131 | 5.6 | 21 |
| 65 | Primary amnesia of insidious onset with subsequent stabilisation. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1994 , 57, 1366-70 | 5.5 | 20 |
| 64 | Predicting long-term clinical stability in amyloid-positive subjects by FDG-PET. <i>Annals of Clinical and Translational Neurology</i> , 2019 , 6, 1113-1120 | 5.3 | 19 |
| 63 | Semantic feature degradation and naming performance. Evidence from neurodegenerative disorders. <i>Brain and Language</i> , 2015 , 147, 58-65 | 2.9 | 19 |
| 62 | A multimodal neuroimaging study of a case of crossed nonfluent/agrammatic primary progressive aphasia. <i>Journal of Neurology</i> , 2015 , 262, 2336-45 | 5.5 | 19 |
| 61 | An In Vivo C-(R)-PK11195 PET and In Vitro Pathology Study of Microglia Activation in Creutzfeldt-Jakob Disease. <i>Molecular Neurobiology</i> , 2018 , 55, 2856-2868 | 6.2 | 19 |
| 60 | A biomarker study in long-lasting amnesic mild cognitive impairment. <i>Alzheimer's Research and Therapy</i> , 2018 , 10, 42 | 9 | 19 |
| 59 | The neural basis of language talent in bilinguals. <i>Trends in Cognitive Sciences</i> , 2005 , 9, 211-3 | 14 | 19 |
| 58 | The auditory scene: an fMRI study on melody and accompaniment in professional pianists. <i>NeuroImage</i> , 2014 , 102 Pt 2, 764-75 | 7.9 | 16 |
| 57 | The impact of different 18FDG PET healthy subject scans for comparison with single patient in SPM analysis. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2017 , 61, 115-132 | 1.4 | 15 |
| 56 | The brain metabolic signature of visual hallucinations in dementia with Lewy bodies. <i>Cortex</i> , 2018 , 108, 13-24 | 3.8 | 15 |
| 55 | Vulnerability of multiple large-scale brain networks in dementia with Lewy bodies. <i>Human Brain Mapping</i> , 2019 , 40, 4537-4550 | 5.9 | 14 |
| 54 | FDG PET and cognitive symptoms of dementia. <i>Clinical and Translational Imaging</i> , 2013 , 1, 247-260 | 2 | 14 |
| 53 | Social and cognitive control skills in long-life occupation activities modulate the brain reserve in the behavioural variant of frontotemporal dementia. <i>Cortex</i> , 2018 , 99, 311-318 | 3.8 | 13 |
| 52 | PET Neuroimaging: Insights on Dystonia and Tourette Syndrome and Potential Applications. <i>Frontiers in Neurology</i> , 2014 , 5, 183 | 4.1 | 13 |

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|----|--|-----|----|
| 51 | The CSF p-tau181/A β 2 Ratio Offers a Good Accuracy "In Vivo" in the Differential Diagnosis of Alzheimer's Dementia. <i>Current Alzheimer Research</i> , 2019 , 16, 587-595 | 3 | 13 |
| 50 | Italian consensus recommendations for a biomarker-based aetiological diagnosis in mild cognitive impairment patients. <i>European Journal of Neurology</i> , 2020 , 27, 475-483 | 6 | 13 |
| 49 | Brain metabolic signatures across the Alzheimer's disease spectrum. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020 , 47, 256-269 | 8.8 | 13 |
| 48 | Unfavourable gender effect of high body mass index on brain metabolism and connectivity. <i>Scientific Reports</i> , 2018 , 8, 12584 | 4.9 | 13 |
| 47 | The Italian INTERCEPTOR Project: From the Early Identification of Patients Eligible for Prescription of Antidementia Drugs to a Nationwide Organizational Model for Early Alzheimer's Disease Diagnosis. <i>Journal of Alzheimer's Disease</i> , 2019 , 72, 373-388 | 4.3 | 12 |
| 46 | Simultaneous PET-MRI Studies of the Concordance of Atrophy and Hypometabolism in Syndromic Variants of Alzheimer's Disease and Frontotemporal Dementia: An Extended Case Series. <i>Journal of Alzheimer's Disease</i> , 2015 , 46, 639-53 | 4.3 | 12 |
| 45 | Severe Brain Metabolic Decreases Associated with REM Sleep Behavior Disorder in Dementia with Lewy Bodies. <i>Journal of Alzheimer's Disease</i> , 2016 , 52, 989-97 | 4.3 | 11 |
| 44 | The neural correlates of spatial and object working memory in elderly and Parkinson's disease subjects. <i>Behavioural Neurology</i> , 2015 , 2015, 123636 | 3 | 11 |
| 43 | A new perspective for advanced positron emission tomography-based molecular imaging in neurodegenerative proteinopathies. <i>Alzheimer's and Dementia</i> , 2019 , 15, 1081-1103 | 1.2 | 10 |
| 42 | The Italian dementia with Lewy bodies study group (DLB-SINdem): toward a standardization of clinical procedures and multicenter cohort studies design. <i>Neurological Sciences</i> , 2017 , 38, 83-91 | 3.5 | 10 |
| 41 | Heterogeneous brain FDG-PET metabolic patterns in patients with C9orf72 mutation. <i>Neurological Sciences</i> , 2019 , 40, 515-521 | 3.5 | 10 |
| 40 | In vivo MRI Structural and PET Metabolic Connectivity Study of Dopamine Pathways in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2020 , 75, 1003-1016 | 4.3 | 9 |
| 39 | Factors affecting the harmonization of disease-related metabolic brain pattern expression quantification in [F]FDG-PET (PETMETPAT). <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019 , 11, 472-482 | 5.2 | 9 |
| 38 | C-PK11195 PET-based molecular study of microglia activation in SOD1 amyotrophic lateral sclerosis. <i>Annals of Clinical and Translational Neurology</i> , 2020 , 7, 1513-1523 | 5.3 | 9 |
| 37 | In-vivo signatures of neurodegeneration in isolated rapid eye movement sleep behaviour disorder. <i>European Journal of Neurology</i> , 2020 , 27, 1285-1295 | 6 | 8 |
| 36 | Low-dose CT for the spatial normalization of PET images: A validation procedure for amyloid-PET semi-quantification. <i>NeuroImage: Clinical</i> , 2018 , 20, 153-160 | 5.3 | 8 |
| 35 | The clinico-metabolic correlates of language impairment in corticobasal syndrome and progressive supranuclear palsy. <i>NeuroImage: Clinical</i> , 2019 , 24, 102009 | 5.3 | 8 |
| 34 | Two distinct pathological substrates associated with MMSE-pentagons item deficit in DLB and AD. <i>Neuropsychologia</i> , 2019 , 133, 107174 | 3.2 | 7 |

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|----|---|-----|---|
| 33 | CSF p-tau/A β ratio and brain FDG-PET may reliably detect MCI "imminent" converters to AD. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020 , 47, 3152-3164 | 8.8 | 7 |
| 32 | Cognitive training with action-related verbs induces neural plasticity in the action representation system as assessed by gray matter brain morphometry. <i>Neuropsychologia</i> , 2018 , 114, 186-194 | 3.2 | 7 |
| 31 | Testing the diagnostic accuracy of [18F]FDG-PET in discriminating spinal- and bulbar-onset amyotrophic lateral sclerosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019 , 46, 1117-1131 | 8.8 | 7 |
| 30 | Synthesis optimization of 2-(4-N-[11C]methylaminophenyl)-6-hydroxybenzothiazole ([11C]PIB), β -amyloid PET imaging tracer for Alzheimer's disease diagnosis. <i>Applied Radiation and Isotopes</i> , 2015 , 105, 66-71 | 1.7 | 6 |
| 29 | Validation of FDG-PET datasets of normal controls for the extraction of SPM-based brain metabolism maps. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 2486-2499 | 8.8 | 6 |
| 28 | Variant-specific vulnerability in metabolic connectivity and resting-state networks in behavioural variant of frontotemporal dementia. <i>Cortex</i> , 2019 , 120, 483-497 | 3.8 | 5 |
| 27 | Individual Brain Metabolic Signatures in Corticobasal Syndrome. <i>Journal of Alzheimer's Disease</i> , 2020 , 76, 517-528 | 4.3 | 5 |
| 26 | Neural correlates of naming errors across different neurodegenerative diseases: An FDG-PET study. <i>Neurology</i> , 2020 , 95, e2816-e2830 | 6.5 | 5 |
| 25 | Impaired metabolic brain networks associated with neurotransmission systems in the β -synuclein spectrum. <i>Parkinsonism and Related Disorders</i> , 2020 , 81, 113-122 | 3.6 | 5 |
| 24 | The need for β -objective measurements in FDG and amyloid PET neuroimaging. <i>Clinical and Translational Imaging</i> , 2014 , 2, 331-342 | 2 | 4 |
| 23 | Brain Metabolism and Microglia Activation in Mild Cognitive Impairment: A Combined [18F]FDG and [11C]-(R)-PK11195 PET Study. <i>Journal of Alzheimer's Disease</i> , 2021 , 80, 433-445 | 4.3 | 4 |
| 22 | Automatic multispectral MRI segmentation of human hippocampal subfields: an evaluation of multicentric test-retest reproducibility. <i>Brain Structure and Function</i> , 2021 , 226, 137-150 | 4 | 4 |
| 21 | An automated clustering algorithm for reference region extraction of brain 11C-PK11195 studies 2015 , | | 3 |
| 20 | Isolated amnesia with slow onset and stable course, without ensuing dementia: MRI and PET data and a six-year neuropsychological follow-up. <i>Dementia and Geriatric Cognitive Disorders</i> , 1996 , 7, 104-110 | 2.6 | 3 |
| 19 | Specific occupational profiles as proxies of cognitive reserve induce neuroprotection in dementia with Lewy bodies. <i>Brain Imaging and Behavior</i> , 2021 , 15, 1427-1437 | 4.1 | 3 |
| 18 | Biomarker-based stability in limbic-predominant amnesic mild cognitive impairment. <i>European Journal of Neurology</i> , 2021 , 28, 1123-1133 | 6 | 3 |
| 17 | Lifelong bilingualism and mechanisms of neuroprotection in β -Alzheimer dementia. <i>Human Brain Mapping</i> , 2021 , | 5.9 | 2 |
| 16 | PET Neuroimaging in Dementia Conditions 2021 , 211-282 | | 2 |

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|----|--|-----|---|
| 15 | Gender-Related Vulnerability of Dopaminergic Neural Networks in Parkinson's Disease. <i>Brain Connectivity</i> , 2021 , 11, 3-11 | 2.7 | 2 |
| 14 | In vivo human molecular neuroimaging of dopaminergic vulnerability along the Alzheimer's disease phases. <i>Alzheimer's Research and Therapy</i> , 2021 , 13, 187 | 9 | 1 |
| 13 | Clinical and Dopamine Transporter Imaging Trajectories in a Cohort of Parkinson's Disease Patients with GBA Mutations. <i>Movement Disorders</i> , 2021 , | 7 | 1 |
| 12 | Emotion Recognition Deficits in the Differential Diagnosis of Amnesic Mild Cognitive Impairment: A Cognitive Marker for the Limbic-Predominant Phenotype. <i>Journal of the International Neuropsychological Society</i> , 2021 , 1-7 | 3.1 | 1 |
| 11 | Brain Molecular Connectivity in Neurodegenerative Conditions. <i>Brain Sciences</i> , 2021 , 11, | 3.4 | 1 |
| 10 | Amyloid PET in the diagnostic workup of neurodegenerative disease. <i>Clinical and Translational Imaging</i> , 2021 , 9, 383-397 | 2 | 1 |
| 9 | Hypoglycemia-induced brain hypometabolism captured in real time by FDG-PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 1686-1687 | 8.8 | 1 |
| 8 | Gender differences in dopaminergic system dysfunction in de novo Parkinson's disease clinical subtypes.. <i>Neurobiology of Disease</i> , 2022 , 167, 105668 | 7.5 | 1 |
| 7 | The contribution of positron emission tomography to the study of aphasia.. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2022 , 185, 151-165 | 3 | 0 |
| 6 | Exploring the functional role and neural correlates of K-complexes in isolated rapid eye movement sleep behavior disorder. <i>Cortex</i> , 2021 , 145, 105-114 | 3.8 | 0 |
| 5 | Distinct brain dysfunctions underlying visuo-constructive deficit in DLB and AD. <i>Brain Imaging and Behavior</i> , 2021 , 1 | 4.1 | 0 |
| 4 | Investigating sexual dimorphism in human brain structure by combining multiple indexes of brain morphology and source-based morphometry. <i>Brain Structure and Function</i> , 2021 , 1 | 4 | 0 |
| 3 | Clinical and Instrumental Characterization of Patients With Late-Onset Epilepsy.. <i>Frontiers in Neurology</i> , 2022 , 13, 851897 | 4.1 | 0 |
| 2 | [P2B68]: CONCORDANCE IN SPATIAL EXTENT AND AMOUNT OF BRAIN MICROGLIA ACTIVATION WITH GLUCOSE HYPOMETABOLISM IN EARLY ONSET ALZHEIMER'S DISEASE 2017 , 13, P766-P766 | | |
| 1 | O4-04-03: LONG-TERM CLINICAL STABILITY IN AMYLOID-POSITIVE SUBJECTS IS PREDICTED BY NEGATIVE FDG-PET SCAN 2018 , 14, P1409-P1409 | | |