

Murat Bilgel

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/20504/murat-bilgel-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65
papers

1,574
citations

18
h-index

39
g-index

88
ext. papers

2,052
ext. citations

5.3
avg. IF

4.53
L-index

| # | Paper | IF | Citations |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 65 | Olfaction, Cognitive Impairment, and PET Biomarkers in Community-Dwelling Older Adults.. <i>Journal of Alzheimerts Disease</i> , 2022 , 86, 1275-1285 | 4.3 | 0 |
| 64 | Vascular risk is not associated with PET measures of Alzheimer's disease neuropathology among cognitively normal older adults.. <i>NeuroImage Reports</i> , 2021 , 1, 100068-100068 | | 1 |
| 63 | Computerized paired associate learning performance and imaging biomarkers in older adults without dementia. <i>Brain Imaging and Behavior</i> , 2021 , 1 | 4.1 | 0 |
| 62 | Bile acid synthesis, modulation, and dementia: A metabolomic, transcriptomic, and pharmacoepidemiologic study. <i>PLoS Medicine</i> , 2021 , 18, e1003615 | 11.6 | 10 |
| 61 | Association of Lifestyle Activities with Functional Brain Connectivity and Relationship to Cognitive Decline among Older Adults. <i>Cerebral Cortex</i> , 2021 , 31, 5637-5651 | 5.1 | 2 |
| 60 | The Brain Chart of Aging: Machine-learning analytics reveals links between brain aging, white matter disease, amyloid burden, and cognition in the iSTAGING consortium of 10,216 harmonized MR scans. <i>Alzheimerts and Dementia</i> , 2021 , 17, 89-102 | 1.2 | 30 |
| 59 | Disease Burden Affects Aging Brain Function. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021 , | 6.4 | 2 |
| 58 | Personality Associations With Amyloid and Tau: Results From the Baltimore Longitudinal Study of Aging and Meta-analysis. <i>Biological Psychiatry</i> , 2021 , | 7.9 | 3 |
| 57 | Voxel-based partial volume correction of PET images via subtle MRI guided non-local means regularization. <i>Physica Medica</i> , 2021 , 89, 129-139 | 2.7 | 1 |
| 56 | Association of walking energetics with amyloid beta status: Findings from the Baltimore Longitudinal Study of Aging. <i>Alzheimerts and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021 , 13, e12228 | 5.2 | 1 |
| 55 | Modeling the early accumulation of amyloid using differential equations in WRAP and BLSA. <i>Alzheimerts and Dementia</i> , 2020 , 16, e039536 | 1.2 | |
| 54 | Genetic associations with brain amyloidosis. <i>Alzheimerts and Dementia</i> , 2020 , 16, e042191 | 1.2 | |
| 53 | A predictive, modeling-based screening tool to enrich amyloid beta positivity in a cognitively normal sample. <i>Alzheimerts and Dementia</i> , 2020 , 16, e045242 | 1.2 | |
| 52 | Multimodal genome-wide meta-analysis of brain amyloidosis reveals heterogeneity across CSF, PET, and pathological amyloid measures. <i>Alzheimerts and Dementia</i> , 2020 , 16, e046009 | 1.2 | |
| 51 | Association Between Common Variants in RBF1X1, an RNA-Binding Protein, and Brain Amyloidosis in Early and Preclinical Alzheimer Disease. <i>JAMA Neurology</i> , 2020 , 77, 1288-1298 | 17.2 | 17 |
| 50 | Prediction of rapid amyloid and phosphorylated-Tau accumulation in cognitively healthy individuals. <i>Alzheimerts and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020 , 12, e12019 | 5.2 | 6 |
| 49 | Association of peripheral inflammatory markers with connectivity in large-scale functional brain networks of non-demented older adults. <i>Brain, Behavior, and Immunity</i> , 2020 , 87, 388-396 | 16.6 | 8 |

| | | | |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|
| 48 | Medial Temporal Tau Pathology Is Associated With Verbal Memory. <i>Innovation in Aging</i> , 2020 , 4, 767-767 | 0.1 | 78 |
| 47 | Bile Acids in Dementia: Brain Amyloid, White Matter Lesions, and Atrophy. <i>Innovation in Aging</i> , 2020 , 4, 767-768 | 0.1 | 78 |
| 46 | Lasting consequences of concussion on the aging brain: Findings from the Baltimore Longitudinal Study of Aging. <i>NeuroImage</i> , 2020 , 221, 117182 | 7.9 | 4 |
| 45 | Longitudinal evaluation of surrogates of regional cerebral blood flow computed from dynamic amyloid PET imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020 , 40, 288-297 | 7.3 | 16 |
| 44 | Amyloid Positivity as a Risk Factor for Memory Decline and Lower Memory Performance as an Indicator of Conversion to Amyloid Positivity: Chicken and Egg. <i>Biological Psychiatry</i> , 2020 , 87, 782-784 | 7.9 | 1 |
| 43 | Tau pathology in cognitively normal older adults. <i>Alzheimers and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019 , 11, 637-645 | 5.2 | 21 |
| 42 | Brain Oxygen Extraction by Using MRI in Older Individuals: Relationship to Apolipoprotein E Genotype and Amyloid Burden. <i>Radiology</i> , 2019 , 292, 140-148 | 20.5 | 9 |
| 41 | Predicting time to dementia using a quantitative template of disease progression. <i>Alzheimers and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019 , 11, 205-215 | 5.2 | 6 |
| 40 | Sex differences in the association between amyloid and longitudinal brain volume change in cognitively normal older adults. <i>NeuroImage: Clinical</i> , 2019 , 22, 101769 | 5.3 | 14 |
| 39 | Extended multimodal whole-brain anatomical covariance analysis: detection of disrupted correlation networks related to amyloid deposition. <i>Heliyon</i> , 2019 , 5, e02074 | 3.6 | 4 |
| 38 | IC-P-108: WHITE MATTER HYPERINTENSITIES IN RELATION TO PATTERNS OF ACCELERATED BRAIN AGING, AD-LIKE ATROPHY AND AMYLOID BURDEN: RESULTS FROM THE ISTAGING CONSORTIUM ON MACHINE LEARNING AND LARGE-SCALE IMAGING ANALYTICS 2019 , 15, P92-P93 | | |
| 37 | Amyloid deposition is associated with gait variability in usual aging. <i>Gait and Posture</i> , 2018 , 61, 346-352 | 2.6 | 9 |
| 36 | The effect of rare variants in TREM2 and PLD3 on longitudinal cognitive function in the Wisconsin Registry for Alzheimer's Prevention. <i>Neurobiology of Aging</i> , 2018 , 66, 177.e1-177.e5 | 5.6 | 10 |
| 35 | Metabolic Syndrome and Amyloid Accumulation in the Aging Brain. <i>Journal of Alzheimers Disease</i> , 2018 , 65, 629-639 | 4.3 | 26 |
| 34 | Effects of amyloid pathology and neurodegeneration on cognitive change in cognitively normal adults. <i>Brain</i> , 2018 , 141, 2475-2485 | 11.2 | 54 |
| 33 | P3-423: INDEPENDENT AND SYNERGISTIC EFFECTS OF AMYLOID PATHOLOGY AND HIPPOCAMPAL NEURODEGENERATION ON COGNITIVE CHANGE IN COGNITIVELY NORMAL OLDER ADULTS 2018 , 14, P1271-P1271 | | |
| 32 | IC-P-021: MULTIVARIATE PATTERN ANALYSIS ON A LONGITUDINAL COHORT OF COGNITIVELY NORMAL ELDERLY REVEALS DISTINCT STAGES OF REGIONAL AMYLOID DEPOSITION 2018 , 14, P26-P28 | | 1 |
| 31 | 2018 , | | 1 |

| | | | |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|
| 30 | Vestibular Function and Beta-Amyloid Deposition in the Baltimore Longitudinal Study of Aging. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 408 | 5.3 | 1 |
| 29 | Early affective changes and increased connectivity in preclinical Alzheimer's disease. <i>Alzheimers and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018 , 10, 471-479 | 5.2 | 19 |
| 28 | IC-P-001: SURROGATES OF REGIONAL CEREBRAL BLOOD FLOW COMPUTED FROM DYNAMIC AMYLOID PET IMAGING 2018 , 14, P14-P15 | | |
| 27 | Excessive daytime sleepiness and napping in cognitively normal adults: associations with subsequent amyloid deposition measured by PiB PET. <i>Sleep</i> , 2018 , 41, | 1.1 | 27 |
| 26 | 1141 EXCESSIVE DAYTIME SLEEPINESS, NAPPING, AND BRAIN AMYLOID IN OLDER ADULTS. <i>Sleep</i> , 2017 , 40, A426-A426 | 1.1 | |
| 25 | Cross-Sectional and Longitudinal Effects of Genotypes on Individual Differences in Memory and Executive Function: Findings from the BLSA. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 142 | 5.3 | 6 |
| 24 | Temporal Order of Alzheimer's Disease-Related Cognitive Marker Changes in BLSA and WRAP Longitudinal Studies. <i>Journal of Alzheimers Disease</i> , 2017 , 59, 1335-1347 | 4.3 | 6 |
| 23 | βAmyloid Burden Predicts Lower Extremity Performance Decline in Cognitively Unimpaired Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017 , 72, 716-723 | 6.4 | 16 |
| 22 | Midlife adiposity predicts earlier onset of Alzheimer's dementia, neuropathology and presymptomatic cerebral amyloid accumulation. <i>Molecular Psychiatry</i> , 2016 , 21, 910-5 | 15.1 | 78 |
| 21 | Temporal filtering of longitudinal brain magnetic resonance images for consistent segmentation. <i>NeuroImage: Clinical</i> , 2016 , 11, 264-275 | 5.3 | 3 |
| 20 | Associations between Performance on an Abbreviated CogState Battery, Other Measures of Cognitive Function, and Biomarkers in People at Risk for Alzheimer's Disease. <i>Journal of Alzheimers Disease</i> , 2016 , 54, 1395-1408 | 4.3 | 29 |
| 19 | P3-273: Disease Burden Affects Aging Brain Function 2016 , 12, P938-P939 | | |
| 18 | P3-372: Longitudinal Effects of Creb1 Genotypes on Cognitive Function During Aging 2016 , 12, P991-P992 | | |
| 17 | O3-03-02: MCI STATUS, AMYLOID AND TAU BIOMARKERS, AND COMPOSITE COGNITIVE IMPAIRMENT SCORES ARE ASSOCIATED WITH COGSTATE PERFORMANCE IN THE WISCONSIN REGISTRY FOR ALZHEIMER'S PREVENTION 2016 , 12, P285-P286 | | |
| 16 | A multivariate nonlinear mixed effects model for longitudinal image analysis: Application to amyloid imaging. <i>NeuroImage</i> , 2016 , 134, 658-670 | 7.9 | 48 |
| 15 | Individual estimates of age at detectable amyloid onset for risk factor assessment. <i>Alzheimers and Dementia</i> , 2016 , 12, 373-9 | 1.2 | 49 |
| 14 | Voxelwise Relationships Between Distribution Volume Ratio and Cerebral Blood Flow: Implications for Analysis of βAmyloid Images. <i>Journal of Nuclear Medicine</i> , 2015 , 56, 1042-7 | 8.9 | 10 |
| 13 | Age differences in periventricular and deep white matter lesions. <i>Neurobiology of Aging</i> , 2015 , 36, 1653-1658 | 3.6 | 29 |

| | | | |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|
| 12 | Deformation field correction for spatial normalization of PET images. <i>NeuroImage</i> , 2015 , 119, 152-63 | 7.9 | 4 |
| 11 | Effect of white matter lesions on manual dexterity in healthy middle-aged persons. <i>Neurology</i> , 2015 , 84, 1920-6 | 6.5 | 13 |
| 10 | P4-187: Midlife adiposity predicts earlier onset of Alzheimer's dementia, neuropathology, and presymptomatic cerebral amyloid accumulation 2015 , 11, P851-P852 | | 1 |
| 9 | Changes in Aβ biomarkers and associations with APOE genotype in 2 longitudinal cohorts. <i>Neurobiology of Aging</i> , 2015 , 36, 2333-9 | 5.6 | 49 |
| 8 | O2-09-04: Age at onset of amyloid accumulation in relation to ApoE genotype 2015 , 11, P195-P196 | | |
| 7 | Temporal Trajectory and Progression Score Estimation from Voxelwise Longitudinal Imaging Measures: Application to Amyloid Imaging. <i>Lecture Notes in Computer Science</i> , 2015 , 24, 424-36 | 0.9 | 8 |
| 6 | Total synthesis of a functional designer eukaryotic chromosome. <i>Science</i> , 2014 , 344, 55-8 | 33.3 | 360 |
| 5 | Trajectories of Alzheimer disease-related cognitive measures in a longitudinal sample. <i>Alzheimer's and Dementia</i> , 2014 , 10, 735-742.e4 | 1.2 | 47 |
| 4 | Extreme deep white matter hyperintensity volumes are associated with African American race. <i>Cerebrovascular Diseases</i> , 2014 , 37, 244-50 | 3.2 | 35 |
| 3 | Deformation field correction for spatial normalization of PET images using a population-derived partial least squares model. <i>Lecture Notes in Computer Science</i> , 2014 , 8679, 198-206 | 0.9 | 2 |
| 2 | Self-reported sleep and β amyloid deposition in community-dwelling older adults. <i>JAMA Neurology</i> , 2013 , 70, 1537-43 | 17.2 | 304 |
| 1 | AUTOMATED ANATOMICAL LABELING OF THE CEREBRAL ARTERIES USING BELIEF PROPAGATION. <i>Proceedings of SPIE</i> , 2013 , 866918, | 1.7 | 8 |