

Duygu Tosun

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

2,429
citations

212478

28
h-index

263392

45
g-index

80
all docs

80
docs citations

80
times ranked

4498
citing authors

#	ARTICLE	IF	CITATIONS
1	Using the Alzheimer's Disease Neuroimaging Initiative to improve early detection, diagnosis, and treatment of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2022, 18, 824-857.	0.4	56
2	Contribution of Alzheimer's biomarkers and risk factors to cognitive impairment and decline across the Alzheimer's disease continuum. <i>Alzheimer's and Dementia</i> , 2022, 18, 1370-1382.	0.4	17
3	Age-dependent brain morphometry in Major Depressive disorder. <i>NeuroImage: Clinical</i> , 2022, 33, 102924.	1.4	5
4	Deep learning for Alzheimer's disease: Mapping large-scale histological tau protein for neuroimaging biomarker validation. <i>NeuroImage</i> , 2022, 248, 118790.	2.1	17
5	Regional uptakes from early-frame amyloid PET and 18F-FDG PET scans are comparable independent of disease state. <i>European Journal of Hybrid Imaging</i> , 2022, 6, 2.	0.6	8
6	Multiple Cortical to Striatal Accumulation Trajectories of β^2 -Amyloid. <i>Neurology</i> , 2022, 98, 695-696.	1.5	0
7	Characterizing Heterogeneity in Neuroimaging, Cognition, Clinical Symptoms, and Genetics Among Patients With Late-Life Depression. <i>JAMA Psychiatry</i> , 2022, 79, 464.	6.0	47
8	Late-Life Depression Is Associated With Reduced Cortical Amyloid Burden: Findings From the Alzheimer's Disease Neuroimaging Initiative Depression Project. <i>Biological Psychiatry</i> , 2021, 89, 757-765.	0.7	41
9	Improvements in Functional Disability After Psychotherapy for Depression Are Associated With Reduced Suicide Ideation Among Older Adults. <i>American Journal of Geriatric Psychiatry</i> , 2021, 29, 557-561.	0.6	4
10	The search for a convenient procedure to detect one of the earliest signs of Alzheimer's disease: A systematic review of the prediction of brain amyloid status. <i>Alzheimer's and Dementia</i> , 2021, 17, 866-887.	0.4	14
11	Detection of β^2 -amyloid positivity in Alzheimer's Disease Neuroimaging Initiative participants with demographics, cognition, MRI and plasma biomarkers. <i>Brain Communications</i> , 2021, 3, fcab008.	1.5	51
12	The Impact of Amyloid Burden and APOE on Rates of Cognitive Impairment in Late Life Depression. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 991-1002.	1.2	9
13	ADAMANT: a placebo-controlled randomized phase 2 study of AADvac1, an active immunotherapy against pathological tau in Alzheimer's disease. <i>Nature Aging</i> , 2021, 1, 521-534.	5.3	64
14	Lower cerebral perfusion is associated with tau-PET in the entorhinal cortex across the Alzheimer's continuum. <i>Neurobiology of Aging</i> , 2021, 102, 111-118.	1.5	21
15	Network-constrained technique to characterize pathology progression rate in Alzheimer's disease. <i>Brain Communications</i> , 2021, 3, fcab144.	1.5	3
16	White matter changes in drug-naïve Parkinson's disease patients with impulse control & probable REM sleep behavior disorders. <i>Journal of the Neurological Sciences</i> , 2021, 430, 120032.	0.3	3
17	Regional uptakes from early-frame amyloid PET and ¹⁸ F-FDG PET scans are comparable independent of disease state. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
18	Identifying individuals with non-AD pathologies: A precision medicine approach to clinical trials in sporadic AD. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0

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19	Using imputation to provide harmonized longitudinal measures of cognition across AIBL and ADNI. <i>Scientific Reports</i> , 2021, 11, 23788.	1.6	16
20	Clinical and dopamine transporter imaging characteristics of non-manifest LRRK2 and GBA mutation carriers in the Parkinson's Progression Markers Initiative (PPMI): a cross-sectional study. <i>Lancet Neurology</i> , 2020, 19, 71-80.	4.9	94
21	Data-driven biomarker approaches to disentangle mixed pathologies in AD. <i>Alzheimer's and Dementia</i> , 2020, 16, e037995.	0.4	0
22	Impact of hybrid supervision approaches on the performance of artificial intelligence for the classification of chest radiographs. <i>Computers in Biology and Medicine</i> , 2020, 120, 103699.	3.9	5
23	Clinical and Dopamine Transporter Imaging Characteristics of Leucine Rich Repeat Kinase 2 (LRRK2) and Glucosylceramidase Beta (GBA) Parkinson's Disease Participants in the Parkinson's Progression Markers Initiative: A Cross-sectional Study. <i>Movement Disorders</i> , 2020, 35, 833-844.	2.2	48
24	Locus coeruleus imaging as a biomarker for noradrenergic dysfunction in neurodegenerative diseases. <i>Brain</i> , 2019, 142, 2558-2571.	3.7	219
25	Associations among amyloid status, age, and longitudinal regional brain atrophy in cognitively unimpaired older adults. <i>Neurobiology of Aging</i> , 2019, 82, 110-119.	1.5	11
26	Polygenic hazard score, amyloid deposition and Alzheimer's neurodegeneration. <i>Brain</i> , 2019, 142, 460-470.	3.7	63
27	O40401: WHAT CAN STRUCTURAL MRI TELL ABOUT A/T/N STAGING?. <i>Alzheimer's and Dementia</i> , 2019, 15, P1237.	0.4	5
28	Preserved Structural Network Organization Mediates Pathology Spread in Alzheimer's Disease Spectrum Despite Loss of White Matter Tract Integrity. <i>Journal of Alzheimer's Disease</i> , 2018, 65, 747-764.	1.2	21
29	Abnormal Cerebral Perfusion Profile in Older Adults with HIV-Associated Neurocognitive Disorder: Discriminative Power of Arterial Spin-Labeling. <i>American Journal of Neuroradiology</i> , 2018, 39, 2211-2217.	1.2	7
30	The Parkinson's progression markers initiative (PPMI) - establishing a PD biomarker cohort. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 1460-1477.	1.7	330
31	Chronic depressive symptomatology and CSF amyloid beta and tau levels in mild cognitive impairment. <i>International Journal of Geriatric Psychiatry</i> , 2018, 33, 1305-1311.	1.3	16
32	Telomere attrition is associated with declines in medial temporal lobe volume and white matter microstructure in functionally independent older adults. <i>Neurobiology of Aging</i> , 2018, 69, 68-75.	1.5	19
33	Cortical Atrophy is Associated with Accelerated Cognitive Decline in Mild Cognitive Impairment with Subsyndromal Depression. <i>American Journal of Geriatric Psychiatry</i> , 2017, 25, 980-991.	0.6	26
34	Association between tau deposition and antecedent amyloid- β^2 accumulation rates in normal and early symptomatic individuals. <i>Brain</i> , 2017, 140, 1499-1512.	3.7	93
35	O40104: Association between Tau Deposition and Retrospective Amyloid Accumulation Rates in Early Symptomatic Stages of Alzheimer's Disease. <i>Alzheimer's and Dementia</i> , 2016, 12, P332.	0.4	0
36	ICP182: Association Between TAU Deposition and Retrospective Amyloid Accumulation Rates in Early Symptomatic Stages of Alzheimer's Disease. <i>Alzheimer's and Dementia</i> , 2016, 12, P133.	0.4	0

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37	Accelerating rates of cognitive decline and imaging markers associated with β -amyloid pathology. <i>Neurology</i> , 2016, 86, 1887-1896.	1.5	42
38	Amyloid status imputed from a multimodal classifier including structural MRI distinguishes progressors from nonprogressors in a mild Alzheimer's disease clinical trial cohort. <i>Alzheimer's and Dementia</i> , 2016, 12, 977-986.	0.4	27
39	Cerebral amyloid is associated with greater white-matter hyperintensity accrual in cognitively normal older adults. <i>Neurobiology of Aging</i> , 2016, 48, 48-52.	1.5	32
40	Diagnostic utility of ASL-MRI and FDG-PET in the behavioral variant of FTD and AD. <i>Annals of Clinical and Translational Neurology</i> , 2016, 3, 740-751.	1.7	42
41	Chronic Depressive Symptomatology in Mild Cognitive Impairment Is Associated with Frontal Atrophy Rate which Hastens Conversion to Alzheimer Dementia. <i>American Journal of Geriatric Psychiatry</i> , 2016, 24, 126-135.	0.6	60
42	Discriminative Power of Arterial Spin Labeling Magnetic Resonance Imaging and 18 F-Fluorodeoxyglucose Positron Emission Tomography Changes for Amyloid- β -Positive Subjects in the Alzheimer's Disease Continuum. <i>Neurodegenerative Diseases</i> , 2016, 16, 87-94.	0.8	35
43	IC-P-039: ApoE- ϵ 4 genotype by gender interactions in regional amyloid accumulation in Alzheimer's disease continuum. , 2015, 11, P34-P35.		0
44	Biomarkers and cognitive endpoints to optimize trials in Alzheimer's disease. <i>Annals of Clinical and Translational Neurology</i> , 2015, 2, 534-547.	1.7	32
45	P3-165: Local amyloid- β toxicity in large intrinsic brain networks in cognitively healthy elderly. , 2015, 11, P692-P693.		0
46	Cortical thickness and sulcal depth: insights on development and psychopathology in paediatric epilepsy. <i>BJPsych Open</i> , 2015, 1, 129-135.	0.3	15
47	Cerebral Amyloid and Hypertension are Independently Associated with White Matter Lesions in Elderly. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 221.	1.7	50
48	Preliminary Evidence of Increased Hippocampal Myelin Content in Veterans with Posttraumatic Stress Disorder. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 333.	1.0	40
49	IC-01-02: Local amyloid- β toxicity on large intrinsic brain networks in cognitively healthy elderly. , 2015, 11, P1-P2.		0
50	O2-09-02: ApoE- ϵ 4 genotype by gender interactions in regional amyloid accumulation in the Alzheimer's disease continuum. , 2015, 11, P195-P195.		2
51	Network Diffusion Model of Progression Predicts Longitudinal Patterns of Atrophy and Metabolism in Alzheimer's Disease. <i>Cell Reports</i> , 2015, 10, 359-369.	2.9	177
52	Multimodal β -based imputation of the A β + in early mild cognitive impairment. <i>Annals of Clinical and Translational Neurology</i> , 2014, 1, 160-170.	1.7	29
53	Emerging β -Amyloid Pathology and Accelerated Cortical Atrophy. <i>JAMA Neurology</i> , 2014, 71, 725.	4.5	51
54	Parallel ICA of FDG-PET and PiB-PET in three conditions with underlying Alzheimer's pathology. <i>NeuroImage: Clinical</i> , 2014, 4, 508-516.	1.4	59

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55	Neuroimaging predictors of brain amyloidosis in mild cognitive impairment. <i>Annals of Neurology</i> , 2013, 74, 188-198.	2.8	37
56	DT-01-04: Bimodal distribution of the brain beta-amyloid load in the Alzheimer's disease cognitive continuum: Rate of regional accumulation or speed of spatial spread. , 2013, 9, P843-P843.		2
57	Effects of Baseline CSF β -Synuclein on Regional Brain Atrophy Rates in Healthy Elders, Mild Cognitive Impairment and Alzheimer's Disease. <i>PLoS ONE</i> , 2013, 8, e85443.	1.1	16
58	MRI patterns of atrophy and hypoperfusion associations across brain regions in frontotemporal dementia. <i>NeuroImage</i> , 2012, 59, 2098-2109.	2.1	14
59	Intelligence and cortical thickness in children with complex partial seizures. <i>NeuroImage</i> , 2011, 57, 337-345.	2.1	9
60	Relationship Between CSF Biomarkers of Alzheimer's Disease and Rates of Regional Cortical Thinning in ADNI Data. <i>Journal of Alzheimer's Disease</i> , 2011, 26, 77-90.	1.2	43
61	Effects of childhood absence epilepsy on associations between regional cortical morphometry and aging and cognitive abilities. <i>Human Brain Mapping</i> , 2011, 32, 580-591.	1.9	36
62	Spatial patterns of brain amyloid- β burden and atrophy rate associations in mild cognitive impairment. <i>Brain</i> , 2011, 134, 1077-1088.	3.7	97
63	Joint analysis of structural and perfusion MRI for cognitive assessment and classification of Alzheimer's disease and normal aging. <i>NeuroImage</i> , 2010, 52, 186-197.	2.1	33
64	Joint Independent Component Analysis of Brain Perfusion and Structural Magnetic Resonance Images in Dementia. , 2010, , .		0
65	Relations between brain tissue loss, CSF biomarkers, and the ApoE genetic profile: a longitudinal MRI study. <i>Neurobiology of Aging</i> , 2010, 31, 1340-1354.	1.5	95
66	An integrated multimodality MR brain imaging study: Gray matter tissue loss mediates the association between cerebral hypoperfusion and Alzheimer's disease. , 2009, 2009, 6981-4.		8
67	Cortical surface reconstruction using a topology preserving geometric deformable model. , 0, , .		11