

# Ranjan Duara

## List of Publications by Year in descending order

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105  
papers

7,157  
citations

147566

31  
h-index

69108

77  
g-index

129  
all docs

129  
docs citations

129  
times ranked

10072  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic meta-analysis of diagnosed Alzheimer’s disease identifies new risk loci and implicates Aβ <sup>2</sup> , tau, immunity and lipid processing. <i>Nature Genetics</i> , 2019, 51, 414-430.	9.4	1,962
2	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer’s disease. <i>Nature Genetics</i> , 2017, 49, 1373-1384.	9.4	783
3	Neuropathologically defined subtypes of Alzheimer’s disease with distinct clinical characteristics: a retrospective study. <i>Lancet Neurology</i> , The, 2011, 10, 785-796.	4.9	733
4	Cerebral metabolic effects of a verbal fluency test: A PET scan study. <i>Neuropsychology, Development and Cognition Section A: Journal of Clinical and Experimental Neuropsychology</i> , 1988, 10, 565-575.	1.4	285
5	Clinicopathologic and <sup>11</sup> C-Pittsburgh compound B implications of Thal amyloid phase across the Alzheimer’s disease spectrum. <i>Brain</i> , 2015, 138, 1370-1381.	3.7	270
6	Phase 3 Trial of Flutemetamol Labeled With Radioactive Fluorine 18 Imaging and Neuritic Plaque Density. <i>JAMA Neurology</i> , 2015, 72, 287.	4.5	238
7	Effects of Multiple Genetic Loci on Age at Onset in Late-Onset Alzheimer Disease. <i>JAMA Neurology</i> , 2014, 71, 1394.	4.5	166
8	Transethnic genome-wide scan identifies novel Alzheimer’s disease loci. <i>Alzheimer’s and Dementia</i> , 2017, 13, 727-738.	0.4	166
9	Sensitivity of Cerebral Glucose Metabolism to Age, Gender, Brain Volume, Brain Atrophy, and Cerebrovascular Risk Factors. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1988, 8, 654-661.	2.4	162
10	Category Fluency Test: Normative data for English- and Spanish-speaking elderly. <i>Journal of the International Neuropsychological Society</i> , 2000, 6, 760-769.	1.2	153
11	Differential clinicopathologic and genetic features of late-onset amnesic dementias. <i>Acta Neuropathologica</i> , 2014, 128, 411-421.	3.9	119
12	Sensitivity and specificity of three clinical criteria for dementia with Lewy bodies in an autopsy-verified sample. , 1999, 14, 526-533.		115
13	Neuropathologically defined subtypes of Alzheimer’s disease differ significantly from neurofibrillary tangle-predominant dementia. <i>Acta Neuropathologica</i> , 2012, 124, 681-692.	3.9	103
14	Behavioral Activation and the Variability of Cerebral Glucose Metabolic Measurements. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1987, 7, 266-271.	2.4	82
15	Use of Flutemetamol F 18 Labeled Positron Emission Tomography and Other Biomarkers to Assess Risk of Clinical Progression in Patients With Amnesic Mild Cognitive Impairment. <i>JAMA Neurology</i> , 2018, 75, 1114.	4.5	75
16	Evidence that the APOE locus influences rate of disease progression in late onset familial Alzheimer’s Disease but is not causative. <i>American Journal of Medical Genetics Part A</i> , 1995, 60, 1-6.	2.4	69
17	A Novel Cognitive Stress Test for the Detection of Preclinical Alzheimer Disease: Discriminative Properties and Relation to Amyloid Load. <i>American Journal of Geriatric Psychiatry</i> , 2016, 24, 804-813.	0.6	69
18	Sex and age interact to determine clinicopathologic differences in Alzheimer’s disease. <i>Acta Neuropathologica</i> , 2018, 136, 873-885.	3.9	69

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19	Performance of [ <sup>18</sup> F]flutemetamol amyloid imaging against the neuritic plaque component of CERAD and the current (2012) NIA-AA recommendations for the neuropathologic diagnosis of Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2017, 9, 25-34.	1.2	57
20	Utility of a modified mini-mental state examination with extended delayed recall in screening for mild cognitive impairment and dementia among community dwelling elders. , 2000, 15, 434-440.		55
21	Utilizing semantic intrusions to identify amyloid positivity in mild cognitive impairment. <i>Neurology</i> , 2018, 91, e976-e984.	1.5	53
22	Viability of Neocortical Function Shown in Behavioral Activation State PET Studies in Alzheimer Disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1992, 12, 927-934.	2.4	52
23	A Clinically-Translatable Machine Learning Algorithm for the Prediction of Alzheimer's Disease Conversion in Individuals with Mild and Premild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2018, 61, 1555-1573.	1.2	52
24	Amyloid positron emission tomography with [ <sup>18</sup> F]flutemetamol and structural magnetic resonance imaging in the classification of mild cognitive impairment and Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2013, 9, 295-301.	0.4	51
25	Selective Vulnerability of the Nucleus Basalis of Meynert Among Neuropathologic Subtypes of Alzheimer Disease. <i>JAMA Neurology</i> , 2020, 77, 225.	4.5	50
26	Association between bleomycin hydrolase and Alzheimer's disease in caucasians. <i>Annals of Neurology</i> , 1998, 44, 808-811.	2.8	48
27	Reliability and Validity of an Algorithm for the Diagnosis of Normal Cognition, Mild Cognitive Impairment, and Dementia: Implications for Multicenter Research Studies. <i>American Journal of Geriatric Psychiatry</i> , 2010, 18, 363-370.	0.6	44
28	Transcriptomic analysis to identify genes associated with selective hippocampal vulnerability in Alzheimer's disease. <i>Nature Communications</i> , 2021, 12, 2311.	5.8	44
29	The behavioral pathology in Alzheimer's disease scale (BEHAVE-AD): factor structure among community-dwelling Alzheimer's disease patients. , 1998, 13, 793-800.		42
30	Inclusion of Neuropsychological Scores in Atrophy Models Improves Diagnostic Classification of Alzheimer's Disease and Mild Cognitive Impairment. <i>Computational Intelligence and Neuroscience</i> , 2015, 2015, 1-14.	1.1	38
31	A distributed multitask multimodal approach for the prediction of Alzheimer's disease in a longitudinal study. <i>NeuroImage</i> , 2020, 206, 116317.	2.1	36
32	Use of the Fuld Object-Memory Evaluation in the Detection of Mild Dementia Among Spanish and English-Speaking Groups. <i>American Journal of Geriatric Psychiatry</i> , 1995, 3, 300-307.	0.6	35
33	Diagnosis and staging of mild cognitive impairment, using a modification of the clinical dementia rating scale: the mCDR. <i>International Journal of Geriatric Psychiatry</i> , 2010, 25, 282-289.	1.3	35
34	Free-water imaging of the hippocampus is a sensitive marker of Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2019, 24, 101985.	1.4	35
35	Clinicopathologic subtype of Alzheimer's disease presenting as corticobasal syndrome. <i>Alzheimer's and Dementia</i> , 2019, 15, 1218-1228.	0.4	34
36	Impact of Amyloid PET Imaging in the Memory Clinic: A Systematic Review and Meta-Analysis. <i>Journal of Alzheimer's Disease</i> , 2018, 64, 323-335.	1.2	33

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37	The basis for disease-modifying treatments for Alzheimer's disease: The Sixth Annual Mild Cognitive Impairment Symposium. <i>Alzheimer's and Dementia</i> , 2009, 5, 66-74.	0.4	32
38	The utility of age-specific cut-offs for visual rating of medial temporal atrophy in classifying Alzheimer's disease, MCI and cognitively normal elderly subjects. <i>Frontiers in Aging Neuroscience</i> , 2013, 5, 47.	1.7	31
39	Multimodality Imaging of Dementia: Clinical Importance and Role of Integrated Anatomic and Molecular Imaging. <i>Radiographics</i> , 2020, 40, 200-222.	1.4	31
40	No association between the intronic presenilin-1 polymorphism and Alzheimer's disease in clinic and population-based samples. , 1997, 74, 202-203.		29
41	The Relationship of Brain Amyloid Load and APOE Status to Regional Cortical Thinning and Cognition in the ADNI Cohort. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 1269-1282.	1.2	29
42	Ethnoracial differences in Alzheimer's disease from the FLorida Autopsied Multi-Ethnic (FLAME) cohort. <i>Alzheimer's and Dementia</i> , 2019, 15, 635-643.	0.4	29
43	A clinically-translatable machine learning algorithm for the prediction of Alzheimer's disease conversion: further evidence of its accuracy via a transfer learning approach. <i>International Psychogeriatrics</i> , 2019, 31, 937-945.	0.6	28
44	A Gaussian-based model for early detection of mild cognitive impairment using multimodal neuroimaging. <i>Journal of Neuroscience Methods</i> , 2020, 333, 108544.	1.3	26
45	Heterogeneity in Alzheimer's Disease Diagnosis and Progression Rates: Implications for Therapeutic Trials. <i>Neurotherapeutics</i> , 2022, 19, 8-25.	2.1	26
46	African American exome sequencing identifies potential risk variants at Alzheimer disease loci. <i>Neurology: Genetics</i> , 2017, 3, e141.	0.9	25
47	Mild behavioral impairment as a predictor of cognitive functioning in older adults. <i>International Psychogeriatrics</i> , 2021, 33, 285-293.	0.6	25
48	Factors influencing attrition in 35 Alzheimer's Disease Centers across the USA: a longitudinal examination of the National Alzheimer's Coordinating Center's Uniform Data Set. <i>Aging Clinical and Experimental Research</i> , 2019, 31, 1283-1297.	1.4	23
49	Significance of Normalization on Anatomical MRI Measures in Predicting Alzheimer's Disease. <i>Scientific World Journal</i> , The, 2014, 2014, 1-11.	0.8	20
50	Relationship between Cognitive Performance and Measures of Neurodegeneration among Hispanic and White Non-Hispanic Individuals with Normal Cognition, Mild Cognitive Impairment, and Dementia. <i>Journal of the International Neuropsychological Society</i> , 2018, 24, 176-187.	1.2	20
51	Deterioration of Functional Capacities in Alzheimer's Disease After a 1-Year Period. <i>International Psychogeriatrics</i> , 1995, 7, 495-503.	0.6	19
52	Gaussian discriminative component analysis for early detection of Alzheimer's disease: A supervised dimensionality reduction algorithm. <i>Journal of Neuroscience Methods</i> , 2020, 344, 108856.	1.3	18
53	A novel method of evaluating semantic intrusion errors to distinguish between amyloid positive and negative groups on the Alzheimer's disease continuum. <i>Journal of Psychiatric Research</i> , 2020, 124, 131-136.	1.5	17
54	A cognitive stress test for prodromal Alzheimer's disease: Multiethnic generalizability. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 550-559.	1.2	16

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55	Utility of Plasma Neurofilament Light in the 1Florida Alzheimer’s Disease Research Center (ADRC). <i>Journal of Alzheimer's Disease</i> , 2021, 79, 59-70.	1.2	16
56	Neuropathologic basis of frontotemporal dementia in progressive supranuclear palsy. <i>Movement Disorders</i> , 2019, 34, 1655-1662.	2.2	14
57	Predictors of Appraisal and Psychological Well-Being in Alzheimer's Disease Family Caregivers. <i>Journal of Clinical Geropsychology</i> , 2000, 6, 279-297.	0.7	13
58	A Brief Computerized Paired Associate Test for the Detection of Mild Cognitive Impairment in Community-Dwelling Older Adults. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 793-799.	1.2	13
59	Semantic Intrusions and Failure to Recover From Semantic Interference in Mild Cognitive Impairment: Relationship to Amyloid and Cortical Thickness. <i>Current Alzheimer Research</i> , 2018, 15, 848-855.	0.7	13
60	An analysis of intrusive error types in Alzheimer's disease and related disorders. <i>Developmental Neuropsychology</i> , 1989, 5, 115-126.	1.0	12
61	Proactive Semantic Interference is Associated with Total and Regional Abnormal Amyloid Load in Non-Demented Community-Dwelling Elders: A Preliminary Study. <i>American Journal of Geriatric Psychiatry</i> , 2015, 23, 1276-1279.	0.6	12
62	The prognostic value of ATN Alzheimer biomarker profiles in cognitively normal individuals. <i>Neurology</i> , 2019, 92, 643-644.	1.5	12
63	Association of Cognitive Impairment With Free Water in the Nucleus Basalis of Meynert and Locus Coeruleus to Transentorhinal Cortex Tract. <i>Neurology</i> , 2022, 98, .	1.5	12
64	Global Vascular Risk Score and CAIDE Dementia Risk Score Predict Cognitive Function in the Northern Manhattan Study. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 1221-1231.	1.2	10
65	The effect of acculturation on cognitive performance among older Hispanics in the United States. <i>Applied Neuropsychology Adult</i> , 2022, 29, 163-171.	0.7	10
66	Baseline Neuroimaging Predicts Decline to Dementia From Amnesic Mild Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 758298.	1.7	10
67	Clinical and pathologic features of cognitive-predominant corticobasal degeneration. <i>Neurology</i> , 2020, 95, e35-e45.	1.5	9
68	Intrusion Errors and Progression of Cognitive Deficits in Older Adults with Mild Cognitive Impairment and PreMCI States. <i>Dementia and Geriatric Cognitive Disorders</i> , 2021, 50, 135-142.	0.7	8
69	A Neuroimaging Web Services Interface as a Cyber Physical System for Medical Imaging and Data Management in Brain Research: Design Study. <i>JMIR Medical Informatics</i> , 2018, 6, e26.	1.3	8
70	Diffuse Lewy body disease: clinical, pathological, and neuropsychological review. <i>Neuropsychology Review</i> , 1999, 9, 137-150.	2.5	7
71	Insights into cognitive aging and Alzheimer’s disease using amyloid PET and structural MRI scans. <i>Clinical and Translational Imaging</i> , 2015, 3, 65-74.	1.1	7
72	Interfamilial and Intrafamilial Phenotypic Heterogeneity in Familial Alzheimer's Disease. <i>Journal of Geriatric Psychiatry and Neurology</i> , 1997, 10, 1-6.	1.2	6

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73	Pattern analysis of the interaction of regional amyloid load, cortical thickness and APOE genotype in the progression of Alzheimer's disease. , 2017, , .		5
74	Changes in LASSI-L performance over time among older adults with amnesic MCI and amyloid positivity: A preliminary study. Journal of Psychiatric Research, 2021, 143, 98-105.	1.5	5
75	PET Imaging of Tau Pathology and Amyloid- $\beta^2$ , and MRI for Alzheimer's Disease Feature Fusion and Multimodal Classification. Journal of Alzheimer's Disease, 2021, 84, 1497-1514.	1.2	5
76	Comprehensive Screening for Disease Risk Variants in Early-Onset Alzheimer's Disease Genes in African Americans Identifies Novel PSEN Variants. Journal of Alzheimer's Disease, 2017, 56, 1215-1222.	1.2	4
77	Greater Regional Cortical Thickness is Associated with Selective Vulnerability to Atrophy in Alzheimer's Disease, Independent of Amyloid Load and APOE Genotype. Journal of Alzheimer's Disease, 2019, 69, 145-156.	1.2	4
78	A Clinical Perspective of Mild Cognitive Impairment: What Radiologists Should Know. Neuroimaging Clinics of North America, 2005, 15, 779-788.	0.5	3
79	P4-116: A novel measure of cognitive change in preclinical Alzheimer's disease and its physiological correlates in normal and MCI elderly. , 2015, 11, P822-P822.		3
80	Utility of Amyloid PET Scans in the Evaluation of Patients Presenting with Diverse Cognitive Complaints. Journal of Alzheimer's Disease, 2018, 66, 1599-1608.	1.2	3
81	A Brief Version of the LASSI-L Detects Prodromal Alzheimer's Disease States. Journal of Alzheimer's Disease, 2020, 78, 789-799.	1.2	3
82	Sensitivity and specificity of three clinical criteria for dementia with Lewy bodies in an autopsy-verified sample. , 1999, 14, 526.		3
83	[P2-422]: PREDICTING COGNITIVE TEST SCORES IN ALZHEIMER'S PATIENTS USING MULTIMODAL LONGITUDINAL DATA. Alzheimer's and Dementia, 2017, 13, P796.	0.4	2
84	The Broad Range of Research in Alzheimer's Disease and Related Dementias. Neurotherapeutics, 2022, 19, 1-7.	2.1	2
85	The association of depression and apathy with Alzheimer's disease biomarkers in a cross-cultural sample. Applied Neuropsychology Adult, 0, , 1-17.	0.7	2
86	O1-03-05: The relationship between a novel test of semantic interference (LASSI-L) and global and regional accumulation of amyloid in the brains of community-dwelling elders. , 2015, 11, P131-P131.		1
87	P2-324: Memory and Functional Measures Calibrated by Hippocampal Volumes among Hispanic and Non-Hispanics with MCI and Dementia. , 2016, 12, P765-P765.		1
88	O3-04-04: Alzheimer's Disease May Not be More Common in Women; Men May be More Commonly Misdiagnosed. Alzheimer's and Dementia, 2016, 12, P292.	0.4	1
89	The interrelationship between medial temporal atrophy and APOE4 biomarker: A comparison between Hispanics and white non-Hispanics. Alzheimer's and Dementia, 2020, 16, e047336.	0.4	1
90	IC-P-004: THRESHOLDS FOR BRAIN AMYLOID CONCENTRATION IN RELATION TO DISEASE STAGE, COGNITION, BRAIN METABOLISM, BRAIN ATROPHY, AND APOE GENOTYPE IN THE ADNI COHORT. , 2014, 10, P9-P9.		0

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91	IC-P-003: RELATIONSHIP OF MEDIAL TEMPORAL VOLUME TO MEAN BRAIN AMYLOID CONCENTRATION, APOE GENOTYPE, AND DISEASE STAGE IN ADNI. , 2014, 10, P8-P9.		0
92	P3-168: Progression rates from mild cognitive impairment to dementia by biomarker and memory thresholds. , 2015, 11, P693-P694.		0
93	P4-071: Progression rates to incident mild cognitive impairment by biomarker and memory thresholds. , 2015, 11, P796-P797.		0
94	[P1â€“421]: OPTIMAL NEUROIMAGING MEASURES FOR TRACKING ALZHEIMER'S DISEASE PROGRESSION. Alzheimer's and Dementia, 2017, 13, P438.	0.4	0
95	[P3â€“096]: NOVEL CANDIDATE ADâ€RISK LOCI IDENTIFIED THROUGH WHOLE EXOME SEQUENCING IN AFRICANâ€AMERICANS. Alzheimer's and Dementia, 2017, 13, P971.	0.4	0
96	P1â€160: ABI3 AND PLCG2 AS RISK FACTORS FOR ALZHEIMER'S DISEASE IN CAUCASIANS AND AFRICAN AMERICANS. Alzheimer's and Dementia, 2018, 14, P339.	0.4	0
97	P1â€492: SELECTIVE VULNERABILITY OF THE CHOLINERGIC SYSTEM IN ALZHEIMER'S DISEASE SUBTYPES. Alzheimer's and Dementia, 2018, 14, P516.	0.4	0
98	P3â€378: EFFECT OF AGE, GENDER, ETHNICITY, COGNITION AND APOE GENOTYPE ON AMYLOID LOAD AMONG NORMAL, MCI AND MILD DEMENTIA SUBJECTS USING [Fâ€18] FLORBETABEN. Alzheimer's and Dementia, 2018, 14, P1237.	0.4	0
99	P3â€458: CLINICOPATHOLOGIC DIFFERENCES WITHIN ALZHEIMER'S DISEASE CASES FROM THE FLORIDA AUTOPSIED MULTIâ€ETHNIC (FLAME) STUDY. Alzheimer's and Dementia, 2018, 14, P1293.	0.4	0
100	ICâ€Pâ€069: THE RELATIONSHIP BETWEEN APOE4 STATUS AND BRAIN MORPHOLOGY IN HISPANICS AND WHITE NONâ€HISPANICS. Alzheimer's and Dementia, 2018, 14, P62.	0.4	0
101	P4â€613: SEMANTIC INTRUSION ERRORS DIFFERENTIATE AMYLOID POSITIVE AMNESTIC MILD COGNITIVE IMPAIRMENT FROM COGNITIVELY HEALTHY CONTROLS. Alzheimer's and Dementia, 2019, 15, P1560.	0.4	0
102	P4â€614: PERCENTAGE OF INTRUSION ERRORS ON THE LASSIâ€L COGNITIVE STRESS TEST DISCRIMINATES BETWEEN AMYLOID POSITIVE AND AMYLOID NEGATIVE INDIVIDUALS WITH AMNESTIC MILD COGNITIVE IMPAIRMENT AND EARLY DEMENTIA. Alzheimer's and Dementia, 2019, 15, P1560.	0.4	0
103	Investigating gene expression changes underlying selective hippocampal vulnerability in Alzheimerâ€™s disease using a translational neuropathology approach. Alzheimer's and Dementia, 2020, 16, e041199.	0.4	0
104	Neuropsychiatric symptoms as a distinguishing factor between memory diagnoses. International Journal of Geriatric Psychiatry, 2020, 35, 1115-1122.	1.3	0
105	Cerebro-cerebellar metabolic relationship during behavioral activation.. Nosotchu, 1990, 12, 265-270.	0.0	0