

# Sue E Leurgans

## List of Publications by Year in descending order

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Version: 2024-02-01

114  
papers

5,995  
citations

126708

33  
h-index

76769

74  
g-index

121  
all docs

121  
docs citations

121  
times ranked

7762  
citing authors

#	ARTICLE	IF	CITATIONS
1	The neuropathology of probable Alzheimer disease and mild cognitive impairment. <i>Annals of Neurology</i> , 2009, 66, 200-208.	2.8	745
2	Relation of cerebral vessel disease to Alzheimer's disease dementia and cognitive function in elderly people: a cross-sectional study. <i>Lancet Neurology</i> , The, 2016, 15, 934-943.	4.9	398
3	Person-specific contribution of neuropathologies to cognitive loss in old age. <i>Annals of Neurology</i> , 2018, 83, 74-83.	2.8	368
4	Association of Traumatic Brain Injury With Late-Life Neurodegenerative Conditions and Neuropathologic Findings. <i>JAMA Neurology</i> , 2016, 73, 1062.	4.5	337
5	Microinfarct Pathology, Dementia, and Cognitive Systems. <i>Stroke</i> , 2011, 42, 722-727.	1.0	333
6	Cerebral amyloid angiopathy and cognitive outcomes in community-based older persons. <i>Neurology</i> , 2015, 85, 1930-1936.	1.5	267
7	Hippocampal sclerosis and $\tau$ pathology in aging and Alzheimer disease. <i>Annals of Neurology</i> , 2015, 77, 942-952.	2.8	241
8	Association of Brain DNA Methylation in <i>SORL1</i> , <i>ABCA7</i> , <i>HLA-DRB5</i> , <i>SLC24A4</i> , and <i>BIN1</i> With Pathological Diagnosis of Alzheimer Disease. <i>JAMA Neurology</i> , 2015, 72, 15.	4.5	239
9	Attributable risk of Alzheimer's dementia attributed to age-related neuropathologies. <i>Annals of Neurology</i> , 2019, 85, 114-124.	2.8	182
10	Mixed pathology is more likely in black than white decedents with Alzheimer dementia. <i>Neurology</i> , 2015, 85, 528-534.	1.5	159
11	Exercise improves cognition in Parkinson's disease: The PRET-PD randomized, clinical trial. <i>Movement Disorders</i> , 2015, 30, 1657-1663.	2.2	143
12	The Relationship of Cerebral Vessel Pathology to Brain Microinfarcts. <i>Brain Pathology</i> , 2017, 27, 77-85.	2.1	135
13	Dementia From Alzheimer Disease and Mixed Pathologies in the Oldest Old. <i>JAMA - Journal of the American Medical Association</i> , 2012, 307, 1798.	3.8	121
14	Dietary flavonols and risk of Alzheimer dementia. <i>Neurology</i> , 2020, 94, e1749-e1756.	1.5	115
15	$\tau$ pathology in anterior temporal pole cortex in aging and Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2018, 6, 33.	2.4	107
16	Progressive parkinsonism in older adults is related to the burden of mixed brain pathologies. <i>Neurology</i> , 2019, 92, e1821-e1830.	1.5	88
17	White matter hyperintensities, incident mild cognitive impairment, and cognitive decline in old age. <i>Annals of Clinical and Translational Neurology</i> , 2016, 3, 791-800.	1.7	87
18	Association of white matter hyperintensities and gray matter volume with cognition in older individuals without cognitive impairment. <i>Brain Structure and Function</i> , 2016, 221, 2135-2146.	1.2	82

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19	Varied effects of age-related neuropathologies on the trajectory of late life cognitive decline. <i>Brain</i> , 2017, 140, aww341.	3.7	81
20	The S-Connect study: results from a randomized, controlled trial of Souvenaid in mild-to-moderate Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2013, 5, 59.	3.0	80
21	Two-Year Exercise Program Improves Physical Function in Parkinson's Disease. <i>Neurorehabilitation and Neural Repair</i> , 2015, 29, 112-122.	1.4	78
22	APOE and cerebral amyloid angiopathy in community-dwelling older persons. <i>Neurobiology of Aging</i> , 2015, 36, 2946-2953.	1.5	76
23	Disentangling the effects of age and APOE on neuropathology and late life cognitive decline. <i>Neurobiology of Aging</i> , 2014, 35, 819-826.	1.5	67
24	Physical activity, motor function, and white matter hyperintensity burden in healthy older adults. <i>Neurology</i> , 2015, 84, 1294-1300.	1.5	67
25	Incident parkinsonism in older adults without Parkinson disease. <i>Neurology</i> , 2016, 87, 1036-1044.	1.5	61
26	Physical activity, common brain pathologies, and cognition in community-dwelling older adults. <i>Neurology</i> , 2019, 92, e811-e822.	1.5	61
27	Neuropathologic Correlates of White Matter Hyperintensities in a Community-Based Cohort of Older Adults. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 333-345.	1.2	44
28	APOE $\epsilon$ 4, Alzheimer's disease pathology, cerebrovascular disease, and cognitive change over the years prior to death.. <i>Psychology and Aging</i> , 2013, 28, 1015-1023.	1.4	41
29	Ex vivo T2 relaxation: associations with age-related neuropathology and cognition. <i>Neurobiology of Aging</i> , 2014, 35, 1549-1561.	1.5	38
30	Neuropathologic correlates of regional brain volumes in a community cohort of older adults. <i>Neurobiology of Aging</i> , 2015, 36, 2798-2805.	1.5	38
31	Apolipoprotein E potently inhibits ferroptosis by blocking ferritinophagy. <i>Molecular Psychiatry</i> , 2022, , .	4.1	38
32	Gray-matter macrostructure in cognitively healthy older persons: associations with age and cognition. <i>Brain Structure and Function</i> , 2014, 219, 2029-2049.	1.2	37
33	Associations between Quantitative Mobility Measures Derived from Components of Conventional Mobility Testing and Parkinsonian Gait in Older Adults. <i>PLoS ONE</i> , 2014, 9, e86262.	1.1	36
34	Loss of Munc18-1 long splice variant in GABAergic terminals is associated with cognitive decline and increased risk of dementia in a community sample. <i>Molecular Neurodegeneration</i> , 2015, 10, 65.	4.4	34
35	Association of DNA methylation in the brain with age in older persons is confounded by common neuropathologies. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 67, 58-64.	1.2	34
36	Postmortem neurodegenerative markers and trajectories of decline in cognitive systems. <i>Neurology</i> , 2019, 92, e831-e840.	1.5	34

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37	Sleep Complaints and Incident Disability in A Community-Based Cohort Study of Older Persons. <i>American Journal of Geriatric Psychiatry</i> , 2014, 22, 718-726.	0.6	33
38	Age and the association of dementia-related pathology with trajectories of cognitive decline. <i>Neurobiology of Aging</i> , 2018, 61, 138-145.	1.5	32
39	Entorhinal Cortex: Antemortem Cortical Thickness and Postmortem Neurofibrillary Tangles and Amyloid Pathology. <i>American Journal of Neuroradiology</i> , 2017, 38, 961-965.	1.2	30
40	Presynaptic proteins complexin-I and complexin-II differentially influence cognitive function in early and late stages of Alzheimer's disease. <i>Acta Neuropathologica</i> , 2017, 133, 395-407.	3.9	30
41	Watershed microinfarct pathology and cognition in older persons. <i>Neurobiology of Aging</i> , 2018, 70, 10-17.	1.5	30
42	Cortical pyroglutamate amyloid- $\beta^2$ levels and cognitive decline in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2015, 36, 12-19.	1.5	29
43	MIND Diet, Common Brain Pathologies, and Cognition in Community-Dwelling Older Adults. <i>Journal of Alzheimer's Disease</i> , 2021, 83, 683-692.	1.2	29
44	Neuropathologic and Cognitive Correlates of Enlarged Perivascular Spaces in a Community-Based Cohort of Older Adults. <i>Stroke</i> , 2020, 51, 2825-2833.	1.0	28
45	Frontotemporal dysregulation of the SNARE protein interactome is associated with faster cognitive decline in old age. <i>Neurobiology of Disease</i> , 2018, 114, 31-44.	2.1	27
46	Associations of amygdala volume and shape with transactive response DNA-binding protein 43 (TDP-43) pathology in a community cohort of older adults. <i>Neurobiology of Aging</i> , 2019, 77, 104-111.	1.5	27
47	Alzheimer's disease frequency peaks in the tenth decade and is lower afterwards. <i>Acta Neuropathologica Communications</i> , 2019, 7, 104.	2.4	26
48	Financial literacy is associated with medial brain region functional connectivity in old age. <i>Archives of Gerontology and Geriatrics</i> , 2014, 59, 429-438.	1.4	24
49	Effect of common neuropathologies on progression of late life cognitive impairment. <i>Neurobiology of Aging</i> , 2015, 36, 2225-2231.	1.5	24
50	Postmortem MRI: a novel window into the neurobiology of late life cognitive decline. <i>Neurobiology of Aging</i> , 2016, 45, 169-177.	1.5	24
51	Decline in Literacy and Incident AD Dementia Among Community-Dwelling Older Persons. <i>Journal of Aging and Health</i> , 2018, 30, 1389-1405.	0.9	24
52	Circulating Dkk1 and TRAIL Are Associated With Cognitive Decline in Community-Dwelling, Older Adults With Cognitive Concerns. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 1688-1694.	1.7	23
53	Incident Mobility Disability, Mild Cognitive Impairment, and Mortality in Community-Dwelling Older Adults. <i>Neuroepidemiology</i> , 2019, 53, 55-62.	1.1	22
54	Quantitative mobility metrics from a wearable sensor predict incident parkinsonism in older adults. <i>Parkinsonism and Related Disorders</i> , 2019, 65, 190-196.	1.1	21

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55	Acculturation in Context: The Relationship Between Acculturation and Socioenvironmental Factors With Level of and Change in Cognition in Older Latinos. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2021, 76, e129-e139.	2.4	21
56	Spinal Arteriolosclerosis Is Common in Older Adults and Associated With Parkinsonism. <i>Stroke</i> , 2017, 48, 2792-2798.	1.0	20
57	Spinal Lewy body pathology in older adults without an antemortem diagnosis of Parkinson's disease. <i>Brain Pathology</i> , 2018, 28, 560-568.	2.1	18
58	Spinal motor neurons and motor function in older adults. <i>Journal of Neurology</i> , 2019, 266, 174-182.	1.8	18
59	Self-Reported Sleep in Older African Americans and White Americans. <i>Ethnicity and Disease</i> , 2016, 26, 521.	1.0	17
60	Decreased cortical FADD protein is associated with clinical dementia and cognitive decline in an elderly community sample. <i>Molecular Neurodegeneration</i> , 2017, 12, 26.	4.4	17
61	Change in motor function and adverse health outcomes in older African-Americans. <i>Experimental Gerontology</i> , 2015, 70, 71-77.	1.2	16
62	Sigmoidal mixed models for longitudinal data. <i>Statistical Methods in Medical Research</i> , 2018, 27, 863-875.	0.7	16
63	Brain pathologies are associated with both the rate and variability of declining motor function in older adults. <i>Acta Neuropathologica</i> , 2020, 140, 587-589.	3.9	14
64	Complex Profiles of Cerebrovascular Disease Pathologies in the Aging Brain and Their Relationship With Cognitive Decline. <i>Stroke</i> , 2022, 53, 218-227.	1.0	14
65	Association of Traumatic Brain Injury With and Without Loss of Consciousness With Neuropathologic Outcomes in Community-Dwelling Older Persons. <i>JAMA Network Open</i> , 2022, 5, e229311.	2.8	14
66	Expanding instrumented gait testing in the community setting: A portable, depth-sensing camera captures joint motion in older adults. <i>PLoS ONE</i> , 2019, 14, e0215995.	1.1	13
67	Proportion of cognitive loss attributable to terminal decline. <i>Neurology</i> , 2020, 94, e42-e50.	1.5	13
68	Motor function is the primary driver of the associations of sarcopenia and physical frailty with adverse health outcomes in community-dwelling older adults. <i>PLoS ONE</i> , 2021, 16, e0245680.	1.1	13
69	Ex-vivo quantitative susceptibility mapping of human brain hemispheres. <i>PLoS ONE</i> , 2017, 12, e0188395.	1.1	13
70	Relation of Antiphospholipid Antibodies to Postmortem Brain Infarcts in Older People. <i>Circulation</i> , 2015, 131, 182-189.	1.6	12
71	Common age-related neuropathologies and yearly variability in cognition. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2140-2149.	1.7	12
72	Neurodegenerative disease and cognitive retest learning. <i>Neurobiology of Aging</i> , 2018, 66, 122-130.	1.5	10

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73	Literacy Mediates Racial Differences in Financial and Healthcare Decision Making in Older Adults. <i>Journal of the American Geriatrics Society</i> , 2020, 68, 1279-1285.	1.3	10
74	ARTS: A novel In-vivo classifier of arteriolosclerosis for the older adult brain. <i>NeuroImage: Clinical</i> , 2021, 31, 102768.	1.4	10
75	Association of serial position scores on memory tests and hippocampal-related neuropathologic outcomes. <i>Neurology</i> , 2020, 95, e3303-e3312.	1.5	9
76	Diverse Motor Performances Are Related to Incident Cognitive Impairment in Community-Dwelling Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 717139.	1.7	9
77	Neopterin is associated with hippocampal subfield volumes and cognition in HIV. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2018, 5, e467.	3.1	8
78	Total daily physical activity, brain pathologies, and parkinsonism in older adults. <i>PLoS ONE</i> , 2020, 15, e0232404.	1.1	8
79	Acute versus chronic inflammatory markers and cognition in older black adults: Results from the Minority Aging Research Study. <i>Brain, Behavior, and Immunity</i> , 2022, 103, 163-170.	2.0	8
80	Pelargonidin and Berry Intake Association with Alzheimer's Disease Neuropathology: A Community-Based Study. <i>Journal of Alzheimer's Disease</i> , 2022, 88, 653-661.	1.2	8
81	Brain IGFBP-5 modifies the relation of depressive symptoms to decline in cognition in older persons. <i>Journal of Affective Disorders</i> , 2019, 250, 313-318.	2.0	7
82	Neuroticism, negative life events, and dementia in older White and Black Brazilians. <i>International Journal of Geriatric Psychiatry</i> , 2021, 36, 901-908.	1.3	6
83	Systemic brain derived neurotrophic factor but not intestinal barrier integrity is associated with cognitive decline and incident Alzheimer's disease. <i>PLoS ONE</i> , 2021, 16, e0240342.	1.1	6
84	Proteomic identification of select protein variants of the SNARE interactome associated with cognitive reserve in a large community sample. <i>Acta Neuropathologica</i> , 2021, 141, 755-770.	3.9	6
85	Relationship of Purpose in Life to Dementia in Older Black and White Brazilians. <i>Journal of the International Neuropsychological Society</i> , 2021, , 1-6.	1.2	6
86	Physical activity, brain tissue microstructure, and cognition in older adults. <i>PLoS ONE</i> , 2021, 16, e0253484.	1.1	5
87	The link between social and emotional isolation and dementia in older black and white Brazilians. <i>International Psychogeriatrics</i> , 2021, , 1-7.	0.6	4
88	Susceptibility to Scams in Older Black and White Adults. <i>Frontiers in Psychology</i> , 2021, 12, 685258.	1.1	4
89	Associations of deformation-based brain morphometry with cognitive level and decline within older Blacks without dementia. <i>Neurobiology of Aging</i> , 2022, 111, 35-43.	1.5	4
90	Quantifying longitudinal cognitive resilience to Alzheimer's disease and other neuropathologies. <i>Alzheimer's and Dementia</i> , 2022, 18, 2252-2261.	0.4	4

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91	Limbic-predominant age-related TDP-43 encephalopathy neuropathological change (LATE-NC) is associated with lower R2 relaxation rate: an ex-vivo MRI and pathology investigation. <i>Neurobiology of Aging</i> , 2022, 117, 128-138.	1.5	4
92	Higher Dietary Intake of Advanced Glycation End Products Is Associated with Faster Cognitive Decline in Community-Dwelling Older Adults. <i>Nutrients</i> , 2022, 14, 1468.	1.7	3
93	Modifiable psychosocial risk factors and delayed onset of dementia in older populations: analysis of two prospective US cohorts. <i>BMJ Open</i> , 2022, 12, e059317.	0.8	3
94	Global odds model with proportional odds and trend odds applied to gross and microscopic brain infarcts. <i>Biostatistics and Epidemiology</i> , 2023, 7, .	0.4	2
95	Cytomegalovirus (CMV) Immunoglobulin G Levels are Associated With Neurocognitive Dysfunction Among Adults Over Age 50. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.4	1
96	Bootstrap approach for meta-synthesis of MRI findings from multiple scanners. <i>Journal of Neuroscience Methods</i> , 2021, 360, 109229.	1.3	1
97	Relation of Literacy and Music Literacy to Dementia in Older Black and White Brazilians. <i>Journal of Alzheimer's Disease</i> , 2021, 84, 1-8.	1.2	1
98	Latent Cognitive Class at Enrollment Predicts Future Cognitive Trajectories of Decline in a Community Sample of Older Adults. <i>Journal of Alzheimer's Disease</i> , 2021, 83, 641-652.	1.2	1
99	MIND and Mediterranean diet association with Alzheimer's disease pathology. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	1
100	Dementia and autopsy-verified causes of death in racially-diverse older Brazilians. <i>PLoS ONE</i> , 2021, 16, e0261036.	1.1	1
101	O2-03-06: Neuropathologic Correlates of White Matter Hyperintensities in a Community Cohort of Older Adults. , 2016, 12, P228-P229.		0
102	[P3]: MAGNETIC SUSCEPTIBILITY OF HUMAN BRAIN HEMISPHERES MEASURED POSTMORTEM. <i>Alzheimer's and Dementia</i> , 2017, 13, P1072.	0.4	0
103	[P4]: TDP43 PATHOLOGY HAS INDEPENDENT EFFECTS ON AMYGDALA VOLUME AND SHAPE ABOVE AND BEYOND CONTRIBUTIONS OF ALZHEIMER'S PATHOLOGY AND HIPPOCAMPAL SCLEROSIS. <i>Alzheimer's and Dementia</i> , 2017, 13, P1278.	0.4	0
104	[P1]: REGIONAL VARIATIONS IN THE RELATIONSHIP BETWEEN BRAIN WHITE MATTER HYPERINTENSITIES BURDEN AND AGE-RELATED NEUROPATHOLOGIES. <i>Alzheimer's and Dementia</i> , 2017, 13, P403.	0.4	0
105	[P1]: WATERSHED MICROINFARCT PATHOLOGY AND COGNITION IN OLDER PERSONS. <i>Alzheimer's and Dementia</i> , 2017, 13, P464.	0.4	0
106	P2: MAGNETIC SUSCEPTIBILITY OF THE HUMAN BRAIN IS ASSOCIATED WITH AGE-RELATED NEUROPATHOLOGY. <i>Alzheimer's and Dementia</i> , 2018, 14, P904.	0.4	0
107	Racial Differences in the Effect of HIV Status on Motor and Pulmonary Function and Mobility Disability in Older Adults. <i>Journal of Racial and Ethnic Health Disparities</i> , 2021, , 1.	1.8	0
108	Discrimination and Risk of Incident Disability in Older African Americans. <i>Innovation in Aging</i> , 2021, 5, 260-260.	0.0	0

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109	Iron intake, brain iron, and Alzheimer's disease among community-dwelling older adults. Alzheimer's and Dementia, 2021, 17, .	0.4	0
110	Total daily physical activity, brain pathologies, and parkinsonism in older adults. , 2020, 15, e0232404.		0
111	Total daily physical activity, brain pathologies, and parkinsonism in older adults. , 2020, 15, e0232404.		0
112	Total daily physical activity, brain pathologies, and parkinsonism in older adults. , 2020, 15, e0232404.		0
113	Total daily physical activity, brain pathologies, and parkinsonism in older adults. , 2020, 15, e0232404.		0
114	Conditional functional clustering for longitudinal data with heterogeneous nonlinear patterns. Annals of Applied Statistics, 2022, 16, .	0.5	0