Samuel N Lockhart

List of Publications by Year
in descending order

96 papers	4,985 citations	257101 24 h-index	123241 61 g-index
104 all docs	104 docs citations	104 times ranked	6271 citing authors

#	Article	IF	Citations
1	Associations among vascular risk factors, neuroimaging biomarkers, and cognition: Preliminary analyses from the Multiâ€Ethnic Study of Atherosclerosis (MESA). Alzheimer's and Dementia, 2022, 18, 551-560.	0.4	19
2	Intranasal insulin modulates cerebrospinal fluid markers of neuroinflammation in mild cognitive impairment and Alzheimerâ€™s disease: a randomized trial. Scientific Reports, 2022, 12, 1346.	1.6	22
3	Diet, psychosocial stress, and Alzheimer's diseaseâ€“related neuroanatomy in female nonhuman primates. Alzheimer's and Dementia, 2021, 17, 733-744.	0.4	15
4	Imaging-based indices of Neuropathology and gait speed decline in older adults: the atherosclerosis risk in communities study. Brain Imaging and Behavior, 2021, 15, 2387-2396.	1.1	12
5	Relationship Between Cerebrovascular Reactivity and Cognition Among People With Risk of Cognitive Decline. Frontiers in Physiology, 2021, 12, 645342.	1.3	24
6	Cardiometabolic disorders are associated with reduced cerebral perfusion and white matter microstructure. Alzheimer's and Dementia, 2021, 17, .	0.4	0
7	Simultaneous Covariance Inference for Multimodal Integrative Analysis. Journal of the American Statistical Association, 2020, 115, 1279-1291.	1.8	3
8	Sex-Related Differences in Brain Volumes and Cerebral Blood Flow Among Overweight and Obese Adults With Type 2 Diabetes: Exploratory Analyses From the Action for Health in Diabetes Brain Magnetic Resonance Imaging Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 771-778.	1.7	14
9	Modified ketogenic diet is associated with improved cerebrospinal fluid biomarker profile, cerebral perfusion, and cerebral ketone body uptake in older adults at risk for Alzheimerâ€™s disease: a pilot study. Neurobiology of Aging, 2020, 86, 54-63.	1.5	136
10	Application of an amyloid and tau classification system in subcortical vascular cognitive impairment patients. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 292-303.	3.3	15
11	Reduced forced vital capacity is associated with cerebral small vessel disease burden in cognitively normal individuals. NeuroImage: Clinical, 2020, 25, 102140.	1.4	8
12	A new Centiloid method for 18F-florbetaben and 18F-flutemetamol PET without conversion to PiB. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 1938-1948.	3.3	23
13	Differences in neuroimaging features of early- versus late-onset nonfluent/agrammatic primary progressive aphasia. Neurobiology of Aging, 2020, 86, 92-101.	1.5	5
14	CSF glucose tracks regional tau progression based on Alzheimer's disease risk factors. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2020, 6, e12080.	1.8	6
15	The ketogenic diet as a potential prevention or therapeutic strategy for AD. Alzheimer's and Dementia, 2020, 16, e038148.	0.4	1
16	U.S. POINTER Imaging: Study design and launch. Alzheimer's and Dementia, 2020, 16, e038414.	0.4	3
17	Associations between amyloidâ€Î²2, white matter disease, functional brain networks, and mobility function: Possible indicators of reserve and resilience. Alzheimer's and Dementia, 2020, 16, e041213.	0.4	0
18	Mediterranean versus western diet effects on cerebral cortical thickness and volume in cynomolgus macaques. Alzheimer's and Dementia, 2020, 16, e044554.	0.4	0

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19	Relationship between cerebrovascular reactivity and cognition among people with risk of cognitive decline. Alzheimer's and Dementia, 2020, 16, e044578.	0.4	0
20	Lower cortical thickness is associated with reduced gray matter cerebral blood flow across the AD continuum. Alzheimer's and Dementia, 2020, 16, e044774.	0.4	0
21	Cognitive status, brain amyloid pathology, and neurodegeneration are associated with altered white matter microstructure. Alzheimer's and Dementia, 2020, 16, e044876.	0.4	1
22	Investigating neuroimaging differences by cognitive and metabolic status in a communityâ€dwelling cohort. Alzheimer's and Dementia, 2020, 16, e045658.	0.4	0
23	Heart failure with preserved ejection fraction (HFpEF) is associated with cognitive impairment and reduced brain volume. Alzheimer's and Dementia, 2020, 16, e046641.	0.4	0
24	Head-to-Head Comparison of 18F-Florbetaben and 18F-Flutemetamol in the Cortical and Striatal Regions. Journal of Alzheimer's Disease, 2020, 76, 281-290.	1.2	13
25	Decreased Levels of Blood AMPKÎ±1 but not AMPKÎ±2 Isoform in Patients with Mild Cognitive Impairment and Alzheimerâ€™s Disease: A Pilot Study. Journal of Alzheimer's Disease, 2020, 76, 217-224.	1.2	7
26	The association between low social support and risk of cognitive impairment is partially mediated by neuroanatomic biomarkers of Alzheimerâ€™s disease. Alzheimer's and Dementia, 2020, 16, e043035.	0.4	0
27	Spatially Adaptive Varying Correlation Analysis for Multimodal Neuroimaging Data. IEEE Transactions on Medical Imaging, 2019, 38, 113-123.	5.4	4
28	Prediction of fast decline in amyloid positive mild cognitive impairment patients using multimodal biomarkers. NeuroImage: Clinical, 2019, 24, 101941.	1.4	21
29	ICâ€Pâ€156: DIETâ€RELATED ALTERATIONS IN WHITE MATTER MICROSTRUCTURE IN PARTICIPANTS AT RISK FOR AD. Alzheimer's and Dementia, 2019, 15, P125.	0.4	0
30	Clinical Effects of Frontal Behavioral Impairment: Cortical Thickness and Cognitive Decline in Individuals with Subjective Cognitive Decline and Amnestic Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2019, 69, 213-225.	1.2	0
31	Machine learning based hierarchical classification of frontotemporal dementia and Alzheimer's disease. NeuroImage: Clinical, 2019, 23, 101811.	1.4	62
32	White matter hyperintensities in vascular contributions to cognitive impairment and dementia (VCID): Knowledge gaps and opportunities. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2019, 5, 107-117.	1.8	250
33	ICâ€Pâ€013: VASCULAR RISK FACTORS AND MULTIMODAL NEUROIMAGING BIOMARKERS: PRELIMINARY ANALYSES FROM THE MULTIETHNIC STUDY OF ATHEROSCLEROSIS (MESA). Alzheimer's and Dementia, 2019, 15, P22.	0.4	0
34	ICâ€Pâ€155: SEXâ€RELATED DIFFERENCES IN BRAIN VOLUMES AND CEREBRAL BLOOD FLOW AMONG OVERWEIGHT AND OBESE ADULTS WITH TYPE 2 DIABETES. Alzheimer's and Dementia, 2019, 15, P125.	0.4	0
35	Sex-specific relationship of cardiometabolic syndrome with lower cortical thickness. Neurology, 2019, 93, e1045-e1057.	1.5	16
36	P3â€401: DIETâ€RELATED ALTERATIONS IN WHITE MATTER MICROSTRUCTURE IN PARTICIPANTS AT RISK FOR AD. Alzheimer's and Dementia, 2019, 15, P1106.	0.4	1

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37	Vascular dysfunctionâ€"The disregarded partner of Alzheimer's disease. Alzheimer's and Dementia, 2019, 15, 158-167.	0.4	454
38	Multisite study of the relationships between antemortem [¹¹C]PIBâ€PET Centiloid values and postmortem measures of Alzheimer's disease neuropathology. Alzheimer's and Dementia, 2019, 15, 205-216.	0.4	155
39	Scan-Time Corrections for 80â€"100-min Standardizetd Uptake Volume Ratios to Measure the ¹⁸F-AV-1451 Tracer for Tau Imaging. IEEE Transactions on Medical Imaging, 2019, 38, 697-709.	5.4	4
40	Relationships Between Tau and Glucose Metabolism Reflect Alzheimerâ€™s Disease Pathology in Cognitively Normal Older Adults. Cerebral Cortex, 2019, 29, 1997-2009.	1.6	61
41	Machine Learning-based Individual Assessment of Cortical Atrophy Pattern in Alzheimerâ€™s Disease Spectrum: Development of the Classifier and Longitudinal Evaluation. Scientific Reports, 2018, 8, 4161.	1.6	39
42	Subthreshold Amyloid Predicts Tau Deposition in Aging. Journal of Neuroscience, 2018, 38, 4482-4489.	1.7	101
43	Blood Pressure's Role in Alzheimer Disease Pathology. American Journal of Geriatric Psychiatry, 2018, 26, 23-24.	0.6	7
44	Local and distant relationships between amyloid, tau and neurodegeneration in Alzheimer's Disease. NeuroImage: Clinical, 2018, 17, 452-464.	1.4	126
45	Entorhinal Tau Pathology, Episodic Memory Decline, and Neurodegeneration in Aging. Journal of Neuroscience, 2018, 38, 530-543.	1.7	201
46	P2â€443: INVESTIGATING THE IMPACTS OF DIABETIC STATUS AND COGNITIVE DIAGNOSIS ON AD SIGNATURE CORTICAL THICKNESS. Alzheimer's and Dementia, 2018, 14, P885.	0.4	0
47	P2â€356: USING MULTIMODAL IMAGING BIOMARKERS TO PREDICT COGNITIVE STATUS IN A COMMUNITYâ€ÐWELLING OLDER ADULT COHORT. Alzheimer's and Dementia, 2018, 14, P825.	0.4	0
48	P3â€393: A NOMOGRAM FOR PREDICTING AMYLOID PET POSITIVITY IN AMNESTIC MILD COGNITIVE IMPAIRMENT. Alzheimer's and Dementia, 2018, 14, P1248.	0.4	0
49	ICâ€Pâ€050: AMYLOID DEPOSITION IN THE SUBCORTICAL REGION PREDICTS COGNITIVE DECLINE. Alzheimer's and Dementia, 2018, 14, P49.	0.4	0
50	ICâ€Pâ€100: USING MULTIMODAL IMAGING BIOMARKERS TO PREDICT COGNITIVE STATUS IN A COMMUNITYâ€ÐWELLING OLDER ADULT COHORT. Alzheimer's and Dementia, 2018, 14, P86.	0.4	0
51	A Nomogram for Predicting Amyloid PET Positivity in Amnestic Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2018, 66, 681-691.	1.2	38
52	Distinct amyloid distribution patterns in amyloid positive subcortical vascular cognitive impairment. Scientific Reports, 2018, 8, 16178.	1.6	11
53	Sex-Related Reserve Hypothesis in Alzheimerâ€™s Disease: Changes in Cortical Thickness with a Five-Year Longitudinal Follow-Up. Journal of Alzheimer's Disease, 2018, 65, 641-649.	1.2	8
54	Prediction Models of Cognitive Trajectories in Patients with Nonamnestic Mild Cognitive Impairment. Scientific Reports, 2018, 8, 10468.	1.6	15

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55	Amyloid involvement in subcortical regions predicts cognitive decline. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 2368-2376.	3.3	30
56	Tau and Î²-Amyloid Are Associated with Medial Temporal Lobe Structure, Function, and Memory Encoding in Normal Aging. Journal of Neuroscience, 2017, 37, 3192-3201.	1.7	110
57	Amyloid and tau PET demonstrate region-specific associations in normal older people. NeuroImage, 2017, 150, 191-199.	2.1	67
58	Elevated ¹⁸ F-AV-1451 PET tracer uptake detected in incidental imaging findings. Neurology, 2017, 88, 1095-1097.	1.5	38
59	Alzheimer Disease Signature Neurodegeneration and APOE Genotype in Mild Cognitive Impairment With Suspected Nonâ€“Alzheimer Disease Pathophysiology. JAMA Neurology, 2017, 74, 650.	4.5	24
60	Prediction Model of Conversion to Dementia Risk in Subjects with Amnestic Mild Cognitive Impairment: A Longitudinal, Multi-Center Clinic-Based Study. Journal of Alzheimer's Disease, 2017, 60, 1579-1587.	1.2	30
61	Diagonal Earlobe Crease is a Visible Sign for Cerebral Small Vessel Disease and Amyloid-Î². Scientific Reports, 2017, 7, 13397.	1.6	5
62	[P4â€“052]: PARTIAL VOLUME EFFECTS AND MEDIAL TEMPORAL LOBE TAU QUANTITATION WITH PET. Alzheimer's and Dementia, 2017, 13, P1277.	0.4	1
63	Reference Tissueâ€“Based Kinetic Evaluation of ¹⁸F-AV-1451 for Tau Imaging. Journal of Nuclear Medicine, 2017, 58, 332-338.	2.8	94
64	[ICâ€Pâ€124]: MEDIAL TEMPORAL LOBE TAU IS STRONGLY RELATED TO EPISODIC MEMORY DECLINE IN AGING. Alzheimer's and Dementia, 2017, 13, P94.	0.4	1
65	[ICâ€Pâ€190]: ASSOCIATIONS BETWEEN HIPPOCAMPAL AVâ€1451 DEPOSITION AND LIMBIC WHITE MATTER INTEGRITY IN NORMAL AGING. Alzheimer's and Dementia, 2017, 13, P140.	0.4	0
66	[O1â€“06â€“03]: EFFECTS OF TAU DEPOSITION ON CEREBRAL GLUCOSE METABOLISM IN NORMAL OLDER ADULTS VARY BY AMYLOID LEVEL. Alzheimer's and Dementia, 2017, 13, P202.	0.4	0
67	[O5â€“05â€“02]: THE ROLE OF Î²â€AMYLOID IN SUPERAGERS WITH SUPERIOR MEMORY PERFORMANCE AND PRESERVED BRAIN MORPHOMETRY. Alzheimer's and Dementia, 2017, 13, P1463.	0.4	1
68	[O5â€“05â€“06]: MEDIAL TEMPORAL LOBE TAU IS STRONGLY RELATED TO EPISODIC MEMORY DECLINE IN AGING. Alzheimer's and Dementia, 2017, 13, P1466.	0.4	0
69	Centiloid method evaluation for amyloid PET of subcortical vascular dementia. Scientific Reports, 2017, 7, 16322.	1.6	8
70	Comparison of multiple tau-PET measures as biomarkers in aging and Alzheimer's disease. NeuroImage, 2017, 157, 448-463.	2.1	341
71	Dynamic PET Measures of Tau Accumulation in Cognitively Normal Older Adults and Alzheimerâ€™s Disease Patients Measured Using [18F] THK-5351. PLoS ONE, 2016, 11, e0158460.	1.1	85
72	Tract-Specific Correlates of Neuropsychological Deficits in Patients with Subcortical Vascular Cognitive Impairment. Journal of Alzheimer's Disease, 2016, 50, 1125-1135.	1.2	11

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73	IC-P-193: Examining Amyloid and TAU Inter-Regional PET Association Patterns in Cognitively Normal Older Adults. , 2016, 12, P139-P140.		0
74	O1â€01â€03: Normal Cognition Despite Very High Risk for Alzheimerâ€™s Disease: Neuroimaging and Neuropsychological Insights Into Resilient Brain Aging. Alzheimer's and Dementia, 2016, 12, P170.	0.4	0
75	IC-P-055: Centiloid Thresholds for Amyloid Positivity Derived from Autopsy-Proven Cases. , 2016, 12, P45-P46.		0
76	P1â€295: SNAP: Alzheimer's Disease Plus Overlapping Nonâ€Ad Patterns in The Aging Brain?. Alzheimer's and Dementia, 2016, 12, P533.	0.4	0
77	P1â€318: TAUâ€PET Patterns Overlap and Exceed Hypometabolism in Alzheimer's Disease. Alzheimer's and Dementia, 2016, 12, P545.	0.4	2
78	P2â€285: CENTILOID THRESHOLDS FOR AMYLOID POSITIVITY DERIVED FROM AUTOPSYâ€PROVEN CASES. Alzheimer's and Dementia, 2016, 12, P739.	0.4	0
79	IC-P-131: Normal Cognition Despite Very High Risk for Alzheimerâ€™s Disease: Neuroimaging and Neuropsychological Insights Into Resilient Brain Aging. , 2016, 12, P98-P99.		0
80	ICâ€Pâ€181: TAUâ€PET Patterns Overlap and Exceed Hypometabolism in Alzheimer's Disease. Alzheimer's and Dementia, 2016, 12, P132.	0.4	1
81	O4-01-05: Examining Amyloid and Tau Inter-Regional Pet Association Patterns in Cognitively Normal Older Adults. , 2016, 12, P332-P333.		0
82	O4-09-01: An Nrem Sleep Signature of Human in Vivo TAU Burden. , 2016, 12, P353-P353.		0
83	PET Imaging of Tau Deposition in the Aging Human Brain. Neuron, 2016, 89, 971-982.	3.8	899
84	Tau PET patterns mirror clinical and neuroanatomical variability in Alzheimerâ€™s disease. Brain, 2016, 139, 1551-1567.	3.7	833
85	IC-P-161: Tau PET with [18 F]AV1451 in non-alzheimer's disease neurodegenerative syndromes. , 2015, 11, P107-P109.		4
86	IC-02-02: Distinct [18 F]AV1451 retention patterns in clinical variants of Alzheimer's disease. , 2015, 11, P5-P6.		1
87	IC-01-05: In vivo braak staging using 18F-AV1451 Tau PET imaging. , 2015, 11, P4-P4.		5
88	White Matter Hyperintensities among Older Adults Are Associated with Futile Increase in Frontal Activation and Functional Connectivity during Spatial Search. PLoS ONE, 2015, 10, e0122445.	1.1	28
89	IC-P-168: Examining relations of age and beta-amyloid with tau deposition measured using 18F-AV-1451 in cognitively normal older adults. , 2015, 11, P111-P112.		0
90	F2-03-01: Tau and amyloid neuroimaging of ad phenotypes. , 2015, 11, P167-P167.		0

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91	O5-01-04: Cognitive decline in healthy elderly is related to temporal lobe tau but not to cortical Î²-amyloid: An 18F-AV1451 and 11C-PiB PET study. , 2015, 11, P313-P314.		0
92	White Matter Hyperintensities and Their Penumbra Lie Along a Continuum of Injury in the Aging Brain. Stroke, 2014, 45, 1721-1726.	1.0	148
93	White matter hyperintensities are associated with visual search behavior independent of generalized slowing in aging. Neuropsychologia, 2014, 52, 93-101.	0.7	13
94	Structural Imaging Measures of Brain Aging. Neuropsychology Review, 2014, 24, 271-289.	2.5	199
95	Neuroimaging of the Aging Brain: Introduction to the Special Issue of Neuropsychology Review. Neuropsychology Review, 2014, 24, 267-270.	2.5	5
96	Episodic memory function is associated with multiple measures of white matter integrity in cognitive aging. Frontiers in Human Neuroscience, 2012, 6, 56.	1.0	100