Andrew S Lim

List of Publications by Year
in descending order

67 papers	3,176 citations	147801 31 h-index	161849 54 g-index
68 all docs	68 docs citations	68 times ranked	4930 citing authors

#	Article	IF	Citations
1	Sleep Fragmentation and the Risk of Incident Alzheimer's Disease and Cognitive Decline in Older Persons. Sleep, 2013, 36, 1027-1032.	1.1	545
2	Modification of the Relationship of the Apolipoprotein E Îµ4 Allele to the Risk of Alzheimer Disease and Neurofibrillary Tangle Density by Sleep. JAMA Neurology, 2013, 70, 1544.	9.0	216
3	Suprachiasmatic neuron numbers and restâ€“activity circadian rhythms in older humans. Annals of Neurology, 2015, 78, 317-322.	5.3	171
4	Sleep is related to neuron numbers in the ventrolateral preoptic/intermediate nucleus in older adults with and without Alzheimerâ€™s disease. Brain, 2014, 137, 2847-2861.	7.6	136
5	Selective enhancement of rapid eye movement sleep by deep brain stimulation of the human pons. Annals of Neurology, 2009, 66, 110-114.	5.3	106
6	Characterization of REM-Sleep Associated Ponto-Geniculo-Occipital Waves in the Human Pons. Sleep, 2007, 30, 823-827.	1.1	95
7	Circadian alterations during early stages of Alzheimer's disease are associated with aberrant cycles of DNA methylation in BMAL1. Alzheimer's and Dementia, 2017, 13, 689-700.	0.8	83
8	The effect of melatonin on sleep and quality of life in patients with advanced breast cancer. Supportive Care in Cancer, 2016, 24, 1097-1105.	2.2	81
9	24-Hour Rhythms of DNA Methylation and Their Relation with Rhythms of RNA Expression in the Human Dorsolateral Prefrontal Cortex. PLoS Genetics, 2014, 10, e1004792.	3.5	80
10	Increased Fragmentation of Rest-Activity Patterns Is Associated With a Characteristic Pattern of Cognitive Impairment in Older Individuals. Sleep, 2012, 35, 633-640.	1.1	77
11	Circadian disturbances in Alzheimer's disease progression: a prospective observational cohort study of community-based older adults. The Lancet Healthy Longevity, 2020, 1, e96-e105.	4.6	77
12	Irregular 24-hour activity rhythms and the metabolic syndrome in older adults. Chronobiology International, 2015, 32, 802-813.	2.0	73
13	Regional Neocortical Gray Matter Structure and Sleep Fragmentation in Older Adults. Sleep, 2016, 39, 227-235.	1.1	72
14	Incident parkinsonism in older adults without Parkinson disease. Neurology, 2016, 87, 1036-1044.	1.1	61
15	Physical activity, common brain pathologies, and cognition in community-dwelling older adults. Neurology, 2019, 92, e811-e822.	1.1	61
16	Quantification of the Fragmentation of Rest-Activity Patterns in Elderly Individuals Using a State Transition Analysis. Sleep, 2011, 34, 1569-1581.	1.1	59
17	Sleep fragmentation and Parkinson's disease pathology in older adults without Parkinson's disease. Movement Disorders, 2017, 32, 1729-1737.	3.9	57
18	Sleep fragmentation, microglial aging, and cognitive impairment in adults with and without Alzheimerâ€™s dementia. Science Advances, 2019, 5, eaax7331.	10.3	55

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19	Sex Difference in Daily Rhythms of Clock Gene Expression in the Aged Human Cerebral Cortex. Journal of Biological Rhythms, 2013, 28, 117-129.	2.6	53
20	Apomorphine-Induced Changes in Synaptic Dopamine Levels: Positron Emission Tomography Evidence for Presynaptic Inhibition. Journal of Cerebral Blood Flow and Metabolism, 2001, 21, 1151-1159.	4.3	52
21	Diurnal and seasonal molecular rhythms in human neocortex and their relation to Alzheimerâ€™s disease. Nature Communications, 2017, 8, 14931.	12.8	51
22	A common polymorphism near PER1 and the timing of human behavioral rhythms. Annals of Neurology, 2012, 72, 324-334.	5.3	48
23	Sleep Fragmentation, Cerebral Arteriolosclerosis, and Brain Infarct Pathology in Community-Dwelling Older People. Stroke, 2016, 47, 516-518.	2.0	47
24	Seasonal plasticity of cognition and related biological measures in adults with and without Alzheimer disease: Analysis of multiple cohorts. PLoS Medicine, 2018, 15, e1002647.	8.4	42
25	Common variants inDRD2are associated with sleep duration: the CARe consortium. Human Molecular Genetics, 2016, 25, 167-179.	2.9	40
26	Validation of a smartphone-based EEG among people with epilepsy: A prospective study. Scientific Reports, 2017, 7, 45567.	3.3	39
27	Locus coeruleus neuron density and parkinsonism in older adults without Parkinson's disease. Movement Disorders, 2012, 27, 1625-1631.	3.9	36
28	Periodic Limb Movements and White Matter Hyperintensities in First-Ever Minor Stroke or High-Risk Transient Ischemic Attack. Sleep, 2017, 40, .	1.1	36
29	Fractal regulation and incident Alzheimer's disease in elderly individuals. Alzheimer's and Dementia, 2018, 14, 1114-1125.	0.8	36
30	Global Hemispheric CT Hypoperfusion May Differentiate Headache With Associated Neurological Deficits and Lymphocytosis From Acute Stroke. Stroke, 2008, 39, 492-493.	2.0	35
31	The Trouble with Tribbles: Do Antibodies Against TRIB2 Cause Narcolepsy?. Sleep, 2010, 33, 857-858.	1.1	35
32	Age and severity of nigrostriatal damage at onset of Parkinson's disease. Synapse, 2003, 47, 152-158.	1.2	33
33	Sleep Complaints and Incident Disability inÂa Community-Based Cohort Study of Older Persons. American Journal of Geriatric Psychiatry, 2014, 22, 718-726.	1.2	33
34	Association Between Quantitative Gait and Balance Measures and Total Daily Physical Activity in Community-Dwelling Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 636-642.	3.6	33
35	More random motor activity fluctuations predict incident frailty, disability, and mortality. Science Translational Medicine, 2019, 11, .	12.4	33
36	CCCDTD5 recommendations on early non cognitive markers of dementia: A Canadian consensus. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2020, 6, e12068.	3.7	29

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37	Association of accelerometer-derived sleep measures with lifetime psychiatric diagnoses: A cross-sectional study of 89,205 participants from the UK Biobank. PLoS Medicine, 2021, 18, e1003782.	8.4	28
38	Brain pathology is related to total daily physical activity in older adults. Neurology, 2018, 90, e1911-e1919.	1.1	25
39	Understanding Expert Disagreement in Medical Data Analysis through Structured Adjudication. Proceedings of the ACM on Human-Computer Interaction, 2019, 3, 1-23.	3.3	24
40	Smartphone EEG and remote online interpretation for children with epilepsy in the Republic of Guinea: Quality, characteristics, and practice implications. Seizure: the Journal of the British Epilepsy Association, 2019, 71, 93-99.	2.0	20
41	Ambiguity-aware AI Assistants for Medical Data Analysis. , 2020, , .		20
42	Sleep, circadian rhythms, and dementia. Annals of Neurology, 2011, 70, 677-679.	5.3	19
43	Restless legs syndrome after high-risk TIA and minor stroke: association with reduced quality of life. Sleep Medicine, 2017, 37, 135-140.	1.6	19
44	Sleep Fragmentation and Cognitive Trajectories After Critical Illness. Chest, 2021, 159, 366-381.	0.8	19
45	Association between risk of obstructive sleep apnea, inflammation and cognition after 45 years old in the Canadian Longitudinal Study on Aging. Sleep Medicine, 2022, 91, 21-30.	1.6	18
46	Self-Reported Sleep in Older African Americans and White Americans. Ethnicity and Disease, 2016, 26, 521.	2.3	17
47	Sleep on the ward in intensive care unit survivors: a case series of polysomnography. Internal Medicine Journal, 2018, 48, 795-802.	0.8	17
48	Disrupted Rest-Activity Rhythms and Cerebral Small Vessel Disease Pathology in Older Adults. Stroke, 2021, 52, 2427-2431.	2.0	17
49	Feasibility of a continuous, multi-sensor remote health monitoring approach in persons living with neurodegenerative disease. Journal of Neurology, 2022, 269, 2673-2686.	3.6	17
50	Fragmentation of Rest/Activity Patterns in Community-Based Elderly Individuals Predicts Incident Heart Failure . Nature and Science of Sleep, 2020, Volume 12, 299-307.	2.7	13
51	Medication prescribing and patient-reported outcome measures in people with epilepsy in Bhutan. Epilepsy and Behavior, 2016, 59, 122-127.	1.7	11
52	MRI-visible perivascular space volumes, sleep duration and daytime dysfunction in adults with cerebrovascular disease. Sleep Medicine, 2021, 83, 83-88.	1.6	11
53	A study protocol for an observational cohort investigating COGnitive outcomes and WELLness in survivors of critical illness: the COGWELL study. BMJ Open, 2017, 7, e015600.	1.9	11
54	Evaluating the effects of general anesthesia on sleep in children undergoing elective surgery: an observational caseâ€“control study. Sleep, 2018, 41, .	1.1	10

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55	Actigraphy Detects Greater Intra-Individual Variability During Gait in Non-Manifesting LRRK2 Mutation Carriers. Journal of Parkinson's Disease, 2018, 8, 131-139.	2.8	10
56	MechanicalHeart. Proceedings of the ACM on Human-Computer Interaction, 2018, 2, 1-17.	3.3	9
57	CCCDTD5: Reducing the risk of laterâ€life dementia. Evidence informing the Fifth Canadian Consensus Conference on the Diagnosis and Treatment of Dementia (CCCDTDâ€5). Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2020, 6, e12083.	3.7	8
58	Actigraphic measures of sleep on the wards after ICU discharge. Journal of Critical Care, 2019, 54, 163-169.	2.2	7
59	The effects of napping on nightâ€time sleep in healthy young adults. Journal of Sleep Research, 2022, , e13578.	3.2	7
60	Protocol for SYNchronising Exercises, Remedies in Galt and Cognition at Home (SYNERGIC@Home): feasibility of a home-based double-blind randomised controlled trial to improve gait and cognition in individuals at risk for dementia. BMJ Open, 2022, 12, e059988.	1.9	2
61	Diurnal and seasonal molecular rhythms in the human brain and their relation to Alzheimer disease. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 179, 271-284.	1.8	1
62	Response to Letter Regarding Article, â€œSleep Fragmentation, Cerebral Arteriolosclerosis, and Brain Infarct Pathology in Community-Dwelling Older Peopleâ€• Stroke, 2016, 47, e175.	2.0	0
63	Reply to: â€œPeriodic Limb Movements During Sleep and White Matter MRI Hyperintensity in Minor Stroke or TIAâ€• Sleep, 2017, 40, .	1.1	0
64	ECâ€01â€04: SLEEP FRAGMENTATION AND BRAIN STRUCTURAL CHANGES IN AGING AND ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P211.	0.8	0
65	246 Maintenance of Circadian/Daily Activity Patterns and Cognitive Resilience to Alzheimerâ€™s Pathology in Late Life. Sleep, 2021, 44, A99-A100.	1.1	0
66	0195 Integrated actigraphy-based biomarker for the risk of Alzheimerâ€™s dementia. Sleep, 2022, 45, A89-A89.	1.1	0
67	0132 Loss of Neurons in the Intermediate Nucleus is Related to Perturbed Sleep-Wake Rhythms in Older Adults. Sleep, 2022, 45, A59-A59.	1.1	0