Andrew W Varga

List of Publications by Year
in descending order

55 papers	1,783 citations	471061 17 h-index	329751 37 g-index
58 all docs	58 docs citations	58 times ranked	2042 citing authors

#	Article	IF	Citations
1	The Impact of Sleep on Neurocognition and Functioning in Schizophreniaâ€"Is It Time to Wake-Up?. Journal of Psychiatry and Brain Science, 2022, 7, .	0.3	1
2	Obstructive Sleep Apnea and Hypertension with Longitudinal Amyloid-Î² Burden and Cognitive Changes. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 632-636.	2.5	7
3	Association between lower body temperature and increased tau pathology in cognitively normal older adults. Neurobiology of Disease, 2022, 171, 105748.	2.1	3
4	0275 Effect of acutely induced severe OSA on AD plasma biomarkers. Sleep, 2022, 45, A124-A124.	0.6	1
5	0114 Evolution of brain circuits supporting spatial navigational memory across sleep. Sleep, 2022, 45, A51-A52.	0.6	0
6	0308 The stability of slow wave sleep and EEG microstructure measures across two consecutive nights of laboratory polysomnography in cognitively normal older adults. Sleep, 2022, 45, A138-A139.	0.6	0
7	0734 Examining the diagnostic validity of the WatchPAT in a preliminary sample of cognitive normal Black/African-American older adults. Sleep, 2022, 45, A320-A321.	0.6	0
8	0274 Effect of aging on sleep architecture including a novel REM Behavior Disorder phenotype in the PS19 mouse model of tauopathy and effect of a dual orexin receptor antagonist. Sleep, 2022, 45, A123-A124.	0.6	0
9	0304 Characterizing age and sex-related changes in sleep EEG K-complex morphology in 3,909 individuals. Sleep, 2022, 45, A137-A137.	0.6	0
10	0645 Associations of Objective Sleep Parameters and Gray Matter Microstructure in community dwelling cognitive normal older adults. Sleep, 2022, 45, A283-A284.	0.6	0
11	Acute OSA Impacts Diurnal Alzheimerâ€™s Biomarkers through Nocturnal Hypoxemia and State Transitions. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 1039-1042.	2.5	4
12	Selfâ€reported obstructive sleep apnea, amyloid and tau burden, and Alzheimer's disease timeâ€dependent progression. Alzheimer's and Dementia, 2021, 17, 226-245.	0.4	23
13	Altered K-complex morphology during sustained inspiratory airflow limitation is associated with next-day lapses in vigilance in obstructive sleep apnea. Sleep, 2021, 44, .	0.6	8
14	Post-error recruitment of frontal sensory cortical projections promotes attention in mice. Neuron, 2021, 109, 1202-1213.e5.	3.8	37
15	800 Similarities of Sleep Macrostructure in Cognitively Normal Elderly and Patients with Traumatic Brain Injury. Sleep, 2021, 44, A311-A312.	0.6	0
16	Sleep disturbance and memory dysfunction in early multiple sclerosis. Annals of Clinical and Translational Neurology, 2021, 8, 1172-1182.	1.7	7
17	Effects of obstructive sleep apnea on human spatial navigational memory processing in cognitively normal older individuals. Journal of Clinical Sleep Medicine, 2021, 17, 939-948.	1.4	8
18	The Importance of Sleep-Dependent Memory Testing in Positive Airway Pressure Treatment of Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 1064-1065.	2.5	4

#	Article	IF	Citations
19	703 From in-lab to at-home: Measuring sleep and memory in the time of SARS-COVID-19. Sleep, 2021, 44, A274-A275.	0.6	0
20	791 Association of Obstructive Sleep Apnea Severity and Novel Plasma Biomarkers of Alzheimerâ€™s Disease Pathology. Sleep, 2021, 44, A308-A308.	0.6	0
21	WaveSleepNet: An interpretable deep convolutional neural network for the continuous classification of mouse sleep and wake. Journal of Neuroscience Methods, 2021, 360, 109224.	1.3	5
22	Selective Continuous Positive Airway Pressure Withdrawal With Supplemental Oxygen During Slow-Wave Sleep as a Method of Dissociating Sleep Fragmentation and Intermittent Hypoxemia-Related Sleep Disruption in Obstructive Sleep Apnea. Frontiers in Physiology, 2021, 12, 750516.	1.3	1
23	Interactive Associations of Neuropsychiatry Inventory-Questionnaire Assessed Sleep Disturbance and Vascular Risk on Alzheimerâ€™s Disease Stage Progression in Clinically Normal Older Adults. Frontiers in Aging Neuroscience, 2021, 13, 763264.	1.7	6
24	Interactions between sleep disruption, motor learning, and p70 S6 kinase 1 signaling. Sleep, 2020, 43, .	0.6	4
25	Obstructive sleep apnea, cognition and Alzheimer's disease: A systematic review integrating three decades of multidisciplinary research. Sleep Medicine Reviews, 2020, 50, 101250.	3.8	182
26	Obstructive Sleep Apnea and Its Treatment in Aging: Effects on Alzheimerâ€™s disease Biomarkers, Cognition, Brain Structure and Neurophysiology. Neurobiology of Disease, 2020, 145, 105054.	2.1	57
27	Pitolisant to Treat Excessive Daytime Sleepiness and Cataplexy in Adults with Narcolepsy: Rationale and Clinical Utility . Nature and Science of Sleep, 2020, Volume 12, 709-719.	1.4	12
28	0293 Effects of Obstructive Sleep Apnea on Human Spatial Navigational Memory Processing in Cognitively Normal Older Adults. Sleep, 2019, 42, A120-A120.	0.6	0
29	Dynamics of sleep spindles and coupling to slow oscillations following motor learning in adult mice. Neurobiology of Learning and Memory, 2019, 166, 107100.	1.0	10
30	0302 Interactive Associations of Obstructive Sleep Apnea and Î²-Amyloid Burden among Clinically Normal and Mild Cognitive Impairment Elderly Individuals: An examination of conversion risk. Sleep, 2019, 42, A123-A123.	0.6	1
31	0325 Nonlinear Smoothing of Data with Random Gaps and Outliers (DRAGO) improves estimation of Circadian Rhythm. Sleep, 2019, 42, A133-A133.	0.6	0
32	Necessity of Sleep for Motor Gist Learning in Mice. Frontiers in Neuroscience, 2019, 13, 293.	1.4	8
33	Alterations in EEG connectivity in healthy young adults provide an indicator of sleep depth. Sleep, 2019, 42, .	0.6	13
34	Obstructive sleep apnea and longitudinal Alzheimerâ€™s disease biomarker changes. Sleep, 2019, 42, .	0.6	113
35	Sleep oscillation-specific associations with Alzheimerâ€™s disease CSF biomarkers: novel roles for sleep spindles and tau. Molecular Neurodegeneration, 2019, 14, 10.	4.4	61
36	ICâ€Pâ€118: Î²ETAâ€AMYLOID BURDEN MODIFIES CONVERSION RISK IN CLINICALLY NORMAL AND MILD COGNITIVE IMPAIRMENT OBSTRUCTIVE SLEEP APNEA ELDERLY INDIVIDUALS. Alzheimer's and Dementia, 2019, 15, P100.	0.4	0

#	Article	IF	Citations
37	0960 Interactive Associations of Obstructive Sleep Apnea and Hypertension with longitudinal changes in Î²-Amyloid Burden and Cognitive Decline in Clinically Normal Elderly Individuals. Sleep, 2019, 42, A386-A386.	0.6	0
38	0294 Effects of Early Life Sleep Disruption on Motor and Spatial Learning in a Mouse Model of Tauopathy. Sleep, 2019, 42, A120-A120.	0.6	0
39	Slow-wave activity surrounding stage N2 K-complexes and daytime function measured by psychomotor vigilance test in obstructive sleep apnea. Sleep, 2019, 42, .	0.6	27
40	REM obstructive sleep apnea: risk for adverse health outcomes and novel treatments. Sleep and Breathing, 2019, 23, 413-423.	0.9	50
41	Obstructive Sleep Apnea Severity Affects Amyloid Burden in Cognitively Normal Elderly. A Longitudinal Study. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 933-943.	2.5	174
42	P1â€287: SLOW WAVE SLEEP DECREASE IS ASSOCIATED WITH INCREASED LEVELS OF CSF AÎ²42 IN COGNITIVELY NORMAL OLDER ADULTS. Alzheimer's and Dementia, 2018, 14, P395.	0.4	1
43	P2â€128: DECREASED TOTAL SLEEP TIME IN AMYLOID NEGATIVE APOE4 CARRIERS: A NEW CLINICAL ENDOPHENOTYPE?. Alzheimer's and Dementia, 2018, 14, P717.	0.4	0
44	Role of normal sleep and sleep apnea in human memory processing. Nature and Science of Sleep, 2018, Volume 10, 255-269.	1.4	30
45	Candidate mechanisms underlying the association between sleep-wake disruptions and Alzheimer's disease. Sleep Medicine Reviews, 2017, 31, 102-111.	3.8	149
46	Multichannel sleep spindle detection using sparse low-rank optimization. Journal of Neuroscience Methods, 2017, 288, 1-16.	1.3	22
47	[O2â€“04â€“05]: IN COGNITIVELY NORMAL ELDERLY, INCREASED CSF Pâ€TAU IS ASSOCIATED WITH REDUCED SPINDLE FREQUENCY AND DENSITY IN STAGE 2 NREM SLEEP. Alzheimer's and Dementia, 2017, 13, P559.	0.4	0
48	Orexin-A is Associated with Increases in Cerebrospinal Fluid Phosphorylated-Tau in Cognitively Normal Elderly Subjects. Sleep, 2016, 39, 1253-1260.	0.6	44
49	Reduced Slow-Wave Sleep Is Associated with High Cerebrospinal Fluid AÎ²42 Levels in Cognitively Normal Elderly. Sleep, 2016, 39, 2041-2048.	0.6	140
50	Effects of aging on slow-wave sleep dynamics and human spatial navigational memory consolidation. Neurobiology of Aging, 2016, 42, 142-149.	1.5	80
51	P4-180: CSF AÎ²42 levels may increase due to age-dependent slow-wave sleep loss prior to amyloid deposition in humans. , 2015, 11, P848-P848.		0
52	Sleep-disordered breathing advances cognitive decline in the elderly. Neurology, 2015, 84, 1964-1971.	1.5	313
53	Apnea-Induced Rapid Eye Movement Sleep Disruption Impairs Human Spatial Navigational Memory. Journal of Neuroscience, 2014, 34, 14571-14577.	1.7	54
54	Effects of acute sleep deprivation on motor and reversal learning in mice. Neurobiology of Learning and Memory, 2014, 114, 217-222.	1.0	14

#	Article	IF	Citations
55	The interaction between sleep-disordered breathing and apolipoprotein E genotype on cerebrospinal fluid biomarkers for Alzheimer's disease in cognitively normal elderly individuals. Neurobiology of Aging, 2014, 35, 1318-1324.	1.5	109