

# Andrew W Varga

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4152266/publications.pdf>

Version: 2024-02-01

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	Sleep-disordered breathing advances cognitive decline in the elderly. <i>Neurology</i> , 2015, 84, 1964-1971.	1.5	313
2	Obstructive sleep apnea, cognition and Alzheimer's disease: A systematic review integrating three decades of multidisciplinary research. <i>Sleep Medicine Reviews</i> , 2020, 50, 101250.	3.8	182
3	Obstructive Sleep Apnea Severity Affects Amyloid Burden in Cognitively Normal Elderly. A Longitudinal Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 933-943.	2.5	174
4	Candidate mechanisms underlying the association between sleep-wake disruptions and Alzheimer's disease. <i>Sleep Medicine Reviews</i> , 2017, 31, 102-111.	3.8	149
5	Reduced Slow-Wave Sleep Is Associated with High Cerebrospinal Fluid A $\beta$ 242 Levels in Cognitively Normal Elderly. <i>Sleep</i> , 2016, 39, 2041-2048.	0.6	140
6	Obstructive sleep apnea and longitudinal Alzheimer's disease biomarker changes. <i>Sleep</i> , 2019, 42, .	0.6	113
7	The interaction between sleep-disordered breathing and apolipoprotein E genotype on cerebrospinal fluid biomarkers for Alzheimer's disease in cognitively normal elderly individuals. <i>Neurobiology of Aging</i> , 2014, 35, 1318-1324.	1.5	109
8	Effects of aging on slow-wave sleep dynamics and human spatial navigational memory consolidation. <i>Neurobiology of Aging</i> , 2016, 42, 142-149.	1.5	80
9	Sleep oscillation-specific associations with Alzheimer's disease CSF biomarkers: novel roles for sleep spindles and tau. <i>Molecular Neurodegeneration</i> , 2019, 14, 10.	4.4	61
10	Obstructive Sleep Apnea and Its Treatment in Aging: Effects on Alzheimer's disease Biomarkers, Cognition, Brain Structure and Neurophysiology. <i>Neurobiology of Disease</i> , 2020, 145, 105054.	2.1	57
11	Apnea-Induced Rapid Eye Movement Sleep Disruption Impairs Human Spatial Navigational Memory. <i>Journal of Neuroscience</i> , 2014, 34, 14571-14577.	1.7	54
12	REM obstructive sleep apnea: risk for adverse health outcomes and novel treatments. <i>Sleep and Breathing</i> , 2019, 23, 413-423.	0.9	50
13	Orexin-A is Associated with Increases in Cerebrospinal Fluid Phosphorylated-Tau in Cognitively Normal Elderly Subjects. <i>Sleep</i> , 2016, 39, 1253-1260.	0.6	44
14	Post-error recruitment of frontal sensory cortical projections promotes attention in mice. <i>Neuron</i> , 2021, 109, 1202-1213.e5.	3.8	37
15	Role of normal sleep and sleep apnea in human memory processing. <i>Nature and Science of Sleep</i> , 2018, Volume 10, 255-269.	1.4	30
16	Slow-wave activity surrounding stage N2 K-complexes and daytime function measured by psychomotor vigilance test in obstructive sleep apnea. <i>Sleep</i> , 2019, 42, .	0.6	27
17	Self-reported obstructive sleep apnea, amyloid and tau burden, and Alzheimer's disease time-dependent progression. <i>Alzheimer's and Dementia</i> , 2021, 17, 226-245.	0.4	23
18	Multichannel sleep spindle detection using sparse low-rank optimization. <i>Journal of Neuroscience Methods</i> , 2017, 288, 1-16.	1.3	22

#	ARTICLE	IF	CITATIONS
19	Effects of acute sleep deprivation on motor and reversal learning in mice. <i>Neurobiology of Learning and Memory</i> , 2014, 114, 217-222.	1.0	14
20	Alterations in EEG connectivity in healthy young adults provide an indicator of sleep depth. <i>Sleep</i> , 2019, 42, .	0.6	13
21	<p>Pitolisant to Treat Excessive Daytime Sleepiness and Cataplexy in Adults with Narcolepsy: Rationale and Clinical Utility</p>. <i>Nature and Science of Sleep</i> , 2020, Volume 12, 709-719.	1.4	12
22	Dynamics of sleep spindles and coupling to slow oscillations following motor learning in adult mice. <i>Neurobiology of Learning and Memory</i> , 2019, 166, 107100.	1.0	10
23	Necessity of Sleep for Motor Gist Learning in Mice. <i>Frontiers in Neuroscience</i> , 2019, 13, 293.	1.4	8
24	Altered K-complex morphology during sustained inspiratory airflow limitation is associated with next-day lapses in vigilance in obstructive sleep apnea. <i>Sleep</i> , 2021, 44, .	0.6	8
25	Effects of obstructive sleep apnea on human spatial navigational memory processing in cognitively normal older individuals. <i>Journal of Clinical Sleep Medicine</i> , 2021, 17, 939-948.	1.4	8
26	Sleep disturbance and memory dysfunction in early multiple sclerosis. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 1172-1182.	1.7	7
27	Obstructive Sleep Apnea and Hypertension with Longitudinal Amyloid- $\beta^2$ Burden and Cognitive Changes. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 632-636.	2.5	7
28	Interactive Associations of Neuropsychiatry Inventory-Questionnaire Assessed Sleep Disturbance and Vascular Risk on Alzheimer's Disease Stage Progression in Clinically Normal Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 763264.	1.7	6
29	WaveSleepNet: An interpretable deep convolutional neural network for the continuous classification of mouse sleep and wake. <i>Journal of Neuroscience Methods</i> , 2021, 360, 109224.	1.3	5
30	Interactions between sleep disruption, motor learning, and p70 S6 kinase 1 signaling. <i>Sleep</i> , 2020, 43, .	0.6	4
31	The Importance of Sleep-Dependent Memory Testing in Positive Airway Pressure Treatment of Obstructive Sleep Apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 1064-1065.	2.5	4
32	Acute OSA Impacts Diurnal Alzheimer's Biomarkers through Nocturnal Hypoxemia and State Transitions. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 1039-1042.	2.5	4
33	Association between lower body temperature and increased tau pathology in cognitively normal older adults. <i>Neurobiology of Disease</i> , 2022, 171, 105748.	2.1	3
34	P1287: SLOW WAVE SLEEP DECREASE IS ASSOCIATED WITH INCREASED LEVELS OF CSF A $\beta^2$ 42 IN COGNITIVELY NORMAL OLDER ADULTS. <i>Alzheimer's and Dementia</i> , 2018, 14, P395.	0.4	1
35	0302 Interactive Associations of Obstructive Sleep Apnea and $\beta^2$ -Amyloid Burden among Clinically Normal and Mild Cognitive Impairment Elderly Individuals: An examination of conversion risk. <i>Sleep</i> , 2019, 42, A123-A123.	0.6	1
36	The Impact of Sleep on Neurocognition and Functioning in Schizophrenia "Is It Time to Wake-Up?. <i>Journal of Psychiatry and Brain Science</i> , 2022, 7, .	0.3	1

#	ARTICLE	IF	CITATIONS
37	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. <i>Frontiers in Physiology</i> , 2021, 12, 750516.	1.3	1
38	0275 Effect of acutely induced severe OSA on AD plasma biomarkers. <i>Sleep</i> , 2022, 45, A124-A124.	0.6	1
39	P4-180: CSF A $\beta$ 42 levels may increase due to age-dependent slow-wave sleep loss prior to amyloid deposition in humans. , 2015, 11, P848-P848.		0
40	[O $\beta$ 4 $\beta$ 5]: IN COGNITIVELY NORMAL ELDERLY, INCREASED CSF P $\beta$ TAU IS ASSOCIATED WITH REDUCED SPINDLE FREQUENCY AND DENSITY IN STAGE 2 NREM SLEEP. <i>Alzheimer's and Dementia</i> , 2017, 13, P559.	0.4	0
41	P2 $\beta$ 128: DECREASED TOTAL SLEEP TIME IN AMYLOID NEGATIVE APOE4 CARRIERS: A NEW CLINICAL ENDOPHENOTYPE?. <i>Alzheimer's and Dementia</i> , 2018, 14, P717.	0.4	0
42	0293 Effects of Obstructive Sleep Apnea on Human Spatial Navigational Memory Processing in Cognitively Normal Older Adults. <i>Sleep</i> , 2019, 42, A120-A120.	0.6	0
43	0325 Nonlinear Smoothing of Data with Random Gaps and Outliers (DRAGO) improves estimation of Circadian Rhythm. <i>Sleep</i> , 2019, 42, A133-A133.	0.6	0
44	ICA $\beta$ 118: $\beta$ TAU $\beta$ AMYLOID BURDEN MODIFIES CONVERSION RISK IN CLINICALLY NORMAL AND MILD COGNITIVE IMPAIRMENT OBSTRUCTIVE SLEEP APNEA ELDERLY INDIVIDUALS. <i>Alzheimer's and Dementia</i> , 2019, 15, P100.	0.4	0
45	0960 Interactive Associations of Obstructive Sleep Apnea and Hypertension with longitudinal changes in $\beta$ -Amyloid Burden and Cognitive Decline in Clinically Normal Elderly Individuals. <i>Sleep</i> , 2019, 42, A386-A386.	0.6	0
46	0294 Effects of Early Life Sleep Disruption on Motor and Spatial Learning in a Mouse Model of Tauopathy. <i>Sleep</i> , 2019, 42, A120-A120.	0.6	0
47	800 Similarities of Sleep Macrostructure in Cognitively Normal Elderly and Patients with Traumatic Brain Injury. <i>Sleep</i> , 2021, 44, A311-A312.	0.6	0
48	703 From in-lab to at-home: Measuring sleep and memory in the time of SARS-COVID-19. <i>Sleep</i> , 2021, 44, A274-A275.	0.6	0
49	791 Association of Obstructive Sleep Apnea Severity and Novel Plasma Biomarkers of Alzheimer's Disease Pathology. <i>Sleep</i> , 2021, 44, A308-A308.	0.6	0
50	0114 Evolution of brain circuits supporting spatial navigational memory across sleep. <i>Sleep</i> , 2022, 45, A51-A52.	0.6	0
51	0308 The stability of slow wave sleep and EEG microstructure measures across two consecutive nights of laboratory polysomnography in cognitively normal older adults. <i>Sleep</i> , 2022, 45, A138-A139.	0.6	0
52	0734 Examining the diagnostic validity of the WatchPAT in a preliminary sample of cognitive normal Black/African-American older adults. <i>Sleep</i> , 2022, 45, A320-A321.	0.6	0
53	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. <i>Sleep</i> , 2022, 45, A123-A124.	0.6	0
54	0304 Characterizing age and sex-related changes in sleep EEG K-complex morphology in 3,909 individuals. <i>Sleep</i> , 2022, 45, A137-A137.	0.6	0

#	ARTICLE	IF	CITATIONS
55	0645 Associations of Objective Sleep Parameters and Gray Matter Microstructure in community dwelling cognitive normal older adults. <i>Sleep</i> , 2022, 45, A283-A284.	0.6	0