

# David M Rapoport

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

2,294  
citations

394286

19  
h-index

214721

47  
g-index

70  
all docs

70  
docs citations

70  
times ranked

2846  
citing authors

#	ARTICLE	IF	CITATIONS
1	Methods for Obtaining and Analyzing Unattended Polysomnography Data for a Multicenter Study. <i>Sleep</i> , 1998, 21, 759-767.	0.6	422
2	Sleep-disordered breathing advances cognitive decline in the elderly. <i>Neurology</i> , 2015, 84, 1964-1971.	1.5	313
3	Interobserver Agreement Among Sleep Scorers From Different Centers in a Large Dataset. <i>Sleep</i> , 2000, 23, 1-8.	0.6	180
4	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
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	An International Study on Sleep Disorders in the General Population: Methodological Aspects of the Use of the Sleep-EVAL System. <i>Sleep</i> , 1997, 20, 1086-1092.	0.6	78
10	Detection of Respiratory Events During NPSG: Nasal Cannula/Pressure Sensor Versus Thermistor. <i>Sleep</i> , 1997, , .	0.6	66
11	Detection of K-complexes and sleep spindles (DETOKS) using sparse optimization. <i>Journal of Neuroscience Methods</i> , 2015, 251, 37-46.	1.3	63
12	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
13	Severe Obstructive Sleep Apnea Is Associated with Alterations in the Nasal Microbiome and an Increase in Inflammation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 99-109.	2.5	51
14	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
15	Predictors of Response to a Nasal Expiratory Resistor Device and Its Potential Mechanisms of Action for Treatment of Obstructive Sleep Apnea. <i>Journal of Clinical Sleep Medicine</i> , 2011, 07, 13-22.	1.4	43
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	Relative Prolongation of Inspiratory Time Predicts High versus Low Resistance Categorization of Hypopneas. <i>Journal of Clinical Sleep Medicine</i> , 2012, 08, 177-185.	1.4	23

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19	Pathophysiology, evaluation, and management of sleep disorders in the mucopolysaccharidoses. <i>Molecular Genetics and Metabolism</i> , 2017, 122, 49-54.	0.5	22
20	Multichannel sleep spindle detection using sparse low-rank optimization. <i>Journal of Neuroscience Methods</i> , 2017, 288, 1-16.	1.3	22
21	Chronic Rhinosinusitis Is an Independent Risk Factor for OSA in World Trade Center Responders. <i>Chest</i> , 2019, 155, 375-383.	0.4	20
22	An Official American Thoracic Society Workshop Report: Noninvasive Identification of Inspiratory Flow Limitation in Sleep Studies. <i>Annals of the American Thoracic Society</i> , 2017, 14, 1076-1085.	1.5	20
23	Examining Use of Mobile Phones for Sleep Tracking Among a National Sample in the USA. <i>Health Communication</i> , 2019, 34, 545-551.	1.8	18
24	Asthma and subjective sleep disordered breathing in a large cohort of urban adolescents. <i>Journal of Asthma</i> , 2017, 54, 62-68.	0.9	13
25	Developing a Tailored Website for Promoting Awareness about Obstructive Sleep Apnea (OSA) Among Blacks in Community-Based Settings. <i>Health Communication</i> , 2019, 34, 567-575.	1.8	13
26	Mentoring junior URM scientists to engage in sleep health disparities research: experience of the NYU PRIDE Institute. <i>Sleep Medicine</i> , 2016, 18, 108-117.	0.8	12
27	<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
28	Endotyping Sleep Apnea One Breath at a Time: An Automated Approach for Separating Obstructive from Central Sleep-disordered Breathing. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 1452-1462.	2.5	12
29	Sleep apnoea in the elderly: a great challenge for the future. <i>European Respiratory Journal</i> , 2022, 59, 2101649.	3.1	12
30	Irregular Respiration as a Marker of Wakefulness During Titration of CPAP. <i>Sleep</i> , 2009, , .	0.6	10
31	Comparison of two home sleep testing devices with different strategies for diagnosis of OSA. <i>Sleep and Breathing</i> , 2018, 22, 139-147.	0.9	10
32	Tailored Approach to Sleep Health Education (TASHE): a randomized controlled trial of a web-based application. <i>Journal of Clinical Sleep Medicine</i> , 2020, 16, 1331-1341.	1.4	10
33	Sex Differences in the Association Between Smoking and Sleep-Disordered Breathing in the Hispanic Community Health Study/Study of Latinos. <i>Chest</i> , 2019, 156, 944-953.	0.4	8
34	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
35	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
36	On beyond Zebra (and the Apneaâ€“Hypopnea Index) in Obstructive Sleep Apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1104-1106.	2.5	7

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37	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
38	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
39	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
40	National patterns of physician management of sleep apnea and treatment among patients with hypertension. <i>PLoS ONE</i> , 2018, 13, e0196981.	1.1	4
41	Sleep medication use and incident dementia in a nationally representative sample of older adults in the US. <i>Sleep Medicine</i> , 2021, 79, 183-189.	0.8	4
42	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
43	Snoring "Obnoxious (but medically innocent) noise or wakeup call for sleep medicine?. <i>Sleep Medicine Reviews</i> , 2014, 18, 451-452.	3.8	3
44	Immediate Physiological Responses to Inspiratory Flow Limited Events in Mild Obstructive Sleep Apnea. <i>Annals of the American Thoracic Society</i> , 2021, , .	1.5	3
45	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
46	Quantification of Airway Conductance from Non-invasive Ventilatory Drive in Patients with Sleep Apnea. <i>Journal of Applied Physiology</i> , 2021, 131, 1640-1652.	1.2	2
47	A likelihood based computer approach to conventional scoring of sleep. , 1992, , .		1
48	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
49	Sleep Studies Interpretation and Application. <i>Otolaryngologic Clinics of North America</i> , 2020, 53, 367-383.	0.5	1
50	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
51	0275 Effect of acutely induced severe OSA on AD plasma biomarkers. <i>Sleep</i> , 2022, 45, A124-A124.	0.6	1
52	P4-180: CSF $\beta^2$ levels may increase due to age-dependent slow-wave sleep loss prior to amyloid deposition in humans. , 2015, 11, P848-P848.		0
53	[O2 "04 "05]: IN COGNITIVELY NORMAL ELDERLY, INCREASED CSF $\beta$ 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
54	P2 "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

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55	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
56	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
57	ICâ€Pâ€18: Î²ETAâ€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
58	0960 Interactive Associations of Obstructive Sleep Apnea and Hypertension with longitudinal changes in Î²-Amyloid Burden and Cognitive Decline in Clinically Normal Elderly Individuals. <i>Sleep</i> , 2019, 42, A386-A386.	0.6	0
59	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
60	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
61	791 Association of Obstructive Sleep Apnea Severity and Novel Plasma Biomarkers of Alzheimerâ€™s Disease Pathology. <i>Sleep</i> , 2021, 44, A308-A308.	0.6	0
62	401 Clinical Phenotypes of Obstructive Sleep Apnea in World Trade Center Responders. <i>Sleep</i> , 2021, 44, A159-A160.	0.6	0
63	0114 Evolution of brain circuits supporting spatial navigational memory across sleep. <i>Sleep</i> , 2022, 45, A51-A52.	0.6	0
64	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
65	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
66	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