

# Robert Thomas

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

173  
papers

4,161  
citations

33  
h-index

61  
g-index

211  
ext. papers

4,912  
ext. citations

3  
avg, IF

5.54  
L-index

#	Paper	IF	Citations
173	Atlas, rules, and recording techniques for the scoring of cyclic alternating pattern (CAP) in human sleep. <i>Sleep Medicine</i> , <b>2001</b> , 2, 537-53	4.6	400
172	Activation and habituation in olfaction--an fMRI study. <i>NeuroImage</i> , <b>2001</b> , 13, 547-60	7.9	307
171	Chronic kidney disease and its complications. <i>Primary Care - Clinics in Office Practice</i> , <b>2008</b> , 35, 329-44, vii	2.2	205
170	An electrocardiogram-based technique to assess cardiopulmonary coupling during sleep. <i>Sleep</i> , <b>2005</b> , 28, 1151-61	1.1	187
169	Functional imaging of working memory in obstructive sleep-disordered breathing. <i>Journal of Applied Physiology</i> , <b>2005</b> , 98, 2226-34	3.7	186
168	Atlas, rules, and recording techniques for the scoring of cyclic alternating pattern (CAP) in human sleep. <i>Sleep Medicine</i> , <b>2002</b> , 3, 187-99	4.6	178
167	Differentiating obstructive from central and complex sleep apnea using an automated electrocardiogram-based method. <i>Sleep</i> , <b>2007</b> , 30, 1756-69	1.1	129
166	Obstructive sleep apnea as a risk factor for cerebral white matter change in a middle-aged and older general population. <i>Sleep</i> , <b>2013</b> , 36, 709-715B	1.1	114
165	Recognition and management of complex sleep-disordered breathing. <i>Current Opinion in Pulmonary Medicine</i> , <b>2005</b> , 11, 485-93	3	114
164	Sleep architecture and the risk of incident dementia in the community. <i>Neurology</i> , <b>2017</b> , 89, 1244-1250	6.5	99
163	Obstructive sleep-disordered breathing with a dominant cyclic alternating pattern--a recognizable polysomnographic variant with practical clinical implications. <i>Sleep</i> , <b>2004</b> , 27, 229-34	1.1	93
162	Obstructive sleep apnea alters sleep stage transition dynamics. <i>PLoS ONE</i> , <b>2010</b> , 5, e11356	3.7	79
161	Arousals in sleep-disordered breathing: patterns and implications. <i>Sleep</i> , <b>2003</b> , 26, 1042-7	1.1	68
160	Presence and characteristics of student-run free clinics in medical schools. <i>JAMA - Journal of the American Medical Association</i> , <b>2014</b> , 312, 2407-10	27.4	67
159	Low-concentration carbon dioxide is an effective adjunct to positive airway pressure in the treatment of refractory mixed central and obstructive sleep-disordered breathing. <i>Sleep</i> , <b>2005</b> , 28, 69-77 <sup>1.1</sup>	1.1	64
158	Enhancement of sleep stability with Tai Chi exercise in chronic heart failure: preliminary findings using an ECG-based spectrogram method. <i>Sleep Medicine</i> , <b>2008</b> , 9, 527-36	4.6	62
157	Atrial Substrate and Triggers of Paroxysmal Atrial Fibrillation in Patients With Obstructive Sleep Apnea. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2017</b> , 10,	6.4	61

156	Sleep Disturbances as a Risk Factor for Stroke. <i>Journal of Stroke</i> , <b>2018</b> , 20, 12-32	5.6	59
155	Relationship between delta power and the electrocardiogram-derived cardiopulmonary spectrogram: possible implications for assessing the effectiveness of sleep. <i>Sleep Medicine</i> , <b>2014</b> , 15, 125-31	4.6	53
154	Classification algorithms for predicting sleepiness and sleep apnea severity. <i>Journal of Sleep Research</i> , <b>2012</b> , 21, 101-12	5.8	53
153	Biomechanics of the upper airway: Changing concepts in the pathogenesis of obstructive sleep apnea. <i>International Journal of Oral and Maxillofacial Surgery</i> , <b>2010</b> , 39, 1149-59	2.9	52
152	Amyloid Burden in Obstructive Sleep Apnea. <i>Journal of Alzheimer's Disease</i> , <b>2017</b> , 59, 21-29	4.3	46
151	Complementary roles of neurotransmitters CO and H2S in sleep apnea. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 1413-1418	11.5	45
150	Prevalent hypertension and stroke in the Sleep Heart Health Study: association with an ECG-derived spectrographic marker of cardiopulmonary coupling. <i>Sleep</i> , <b>2009</b> , 32, 897-904	1.1	44
149	Sleep state instabilities in major depressive disorder: Detection and quantification with electrocardiogram-based cardiopulmonary coupling analysis. <i>Psychophysiology</i> , <b>2011</b> , 48, 285-91	4.1	43
148	Mechanism of acute ischemic injury of oligodendroglia in early myelinating white matter: the importance of astrocyte injury and glutamate release. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2004</b> , 63, 872-81	3.1	42
147	Acute ischemic injury of astrocytes is mediated by Na-K-Cl cotransport and not Ca <sup>2+</sup> influx at a key point in white matter development. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2004</b> , 63, 856-71	3.1	42
146	A preliminary study of sleep-disordered breathing in major depressive disorder. <i>Sleep Medicine</i> , <b>2006</b> , 7, 131-9	4.6	41
145	Modafinil activates cortical and subcortical sites in the sleep-deprived state. <i>Sleep</i> , <b>2006</b> , 29, 1471-81	1.1	41
144	Association Between Weekend Catch-up Sleep and Lower Body Mass: Population-Based Study. <i>Sleep</i> , <b>2017</b> , 40,	1.1	37
143	Reorganization of sleep patterns in severe OSAS under prolonged CPAP treatment. <i>Clinical Neurophysiology</i> , <b>2005</b> , 116, 2228-39	4.3	37
142	Brain age from the electroencephalogram of sleep. <i>Neurobiology of Aging</i> , <b>2019</b> , 74, 112-120	5.6	37
141	The association between periodontitis and obstructive sleep apnea: a preliminary study. <i>Journal of Periodontal Research</i> , <b>2013</b> , 48, 500-6	4.3	33
140	The Role of Big Data in the Management of Sleep-Disordered Breathing. <i>Sleep Medicine Clinics</i> , <b>2016</b> , 11, 241-55	3.6	32
139	Cyclic alternating pattern and positive airway pressure titration. <i>Sleep Medicine</i> , <b>2002</b> , 3, 315-22	4.6	32

138	Probabilistic sleep architecture models in patients with and without sleep apnea. <i>Journal of Sleep Research</i> , <b>2012</b> , 21, 330-41	5.8	31
137	Genetic association of short sleep duration with hypertension incidence--a 6-year follow-up in the Korean genome and epidemiology study. <i>Circulation Journal</i> , <b>2012</b> , 76, 907-13	2.9	31
136	Impaired sleep quality in fibromyalgia: Detection and quantification with ECG-based cardiopulmonary coupling spectrograms. <i>Sleep Medicine</i> , <b>2010</b> , 11, 497-8	4.6	31
135	Treatment of Positive Airway Pressure Treatment-Associated Respiratory Instability with Enhanced Expiratory Rebreathing Space (EERS). <i>Journal of Clinical Sleep Medicine</i> , <b>2010</b> , 06, 529-538	3.1	29
134	Adults with ADHD and sleep complaints: a pilot study identifying sleep-disordered breathing using polysomnography and sleep quality assessment. <i>Journal of Attention Disorders</i> , <b>2006</b> , 9, 550-5	3.7	28
133	Heritability of abnormalities in cardiopulmonary coupling in sleep apnea: use of an electrocardiogram-based technique. <i>Sleep</i> , <b>2010</b> , 33, 643-6	1.1	27
132	Quantitative measurement of sleep quality using cardiopulmonary coupling analysis: a retrospective comparison of individuals with and without primary insomnia. <i>Sleep and Breathing</i> , <b>2013</b> , 17, 713-21	3.1	26
131	Fatigue in the executive cortical network demonstrated in narcoleptics using functional magnetic resonance imaging--a preliminary study. <i>Sleep Medicine</i> , <b>2005</b> , 6, 399-406	4.6	26
130	Functional burst imaging. <i>Magnetic Resonance in Medicine</i> , <b>1998</b> , 40, 614-21	4.4	25
129	Nocturnal hypoxia exposure with simulated altitude for 14 days does not significantly alter working memory or vigilance in humans. <i>Sleep</i> , <b>2007</b> , 30, 1195-203	1.1	25
128	Sleep staging from electrocardiography and respiration with deep learning. <i>Sleep</i> , <b>2020</b> , 43,	1.1	25
127	Cardiopulmonary coupling spectrogram as an ambulatory clinical biomarker of sleep stability and quality in health, sleep apnea, and insomnia. <i>Sleep</i> , <b>2018</b> , 41,	1.1	23
126	Daytime sleepiness associated with poor sustained attention in middle and late adulthood. <i>Sleep Medicine</i> , <b>2015</b> , 16, 143-51	4.6	23
125	ECG-derived cardiopulmonary analysis of pediatric sleep-disordered breathing. <i>Sleep Medicine</i> , <b>2011</b> , 12, 384-9	4.6	23
124	Sleep quality change after upper airway surgery in obstructive sleep apnea: Electrocardiogram-based cardiopulmonary coupling analysis. <i>Laryngoscope</i> , <b>2015</b> , 125, 1737-42	3.6	22
123	A pilot study of sleep, cognition, and respiration under 4 weeks of intermittent nocturnal hypoxia in adult humans. <i>Sleep Medicine</i> , <b>2009</b> , 10, 739-45	4.6	20
122	Hypercapnia is more important than hypoxia in the neuro-outcomes of sleep-disordered breathing. <i>Journal of Applied Physiology</i> , <b>2016</b> , 120, 1484	3.7	19
121	Alternative approaches to treatment of Central Sleep Apnea. <i>Sleep Medicine Clinics</i> , <b>2014</b> , 9, 87-104	3.6	19

120	Technical advances in the characterization of the complexity of sleep and sleep disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2013</b> , 45, 277-86	5.5	19
119	Effect of added dead space to positive airway pressure for treatment of complex sleep-disordered breathing. <i>Sleep Medicine</i> , <b>2005</b> , 6, 177-8	4.6	19
118	Residual Events during Use of CPAP: Prevalence, Predictors, and Detection Accuracy. <i>Journal of Clinical Sleep Medicine</i> , <b>2016</b> , 12, 1153-8	3.1	18
117	Association between high nocturnal blood pressure and white matter change and its interaction by obstructive sleep apnoea among normotensive adults. <i>Journal of Hypertension</i> , <b>2014</b> , 32, 2005-12; discussion 2012	1.9	17
116	Measuring sleep quality after adenotonsillectomy in pediatric sleep apnea. <i>Laryngoscope</i> , <b>2012</b> , 122, 2115-21	3.6	17
115	Cyclic alternating pattern in the electroencephalogram: what is its clinical utility?. <i>Sleep</i> , <b>2007</b> , 30, 553-5	1.1	17
114	Treatment of positive airway pressure treatment-associated respiratory instability with enhanced expiratory rebreathing space (EERS). <i>Journal of Clinical Sleep Medicine</i> , <b>2010</b> , 6, 529-38	3.1	17
113	Home PAP devices in patients infected with COVID-19. <i>Journal of Clinical Sleep Medicine</i> , <b>2020</b> , 16, 1217-32	1.9	16
112	Lifestyle-dependent brain change: a longitudinal cohort MRI study. <i>Neurobiology of Aging</i> , <b>2018</b> , 69, 48-57	3.6	16
111	Electrocardiogram-based sleep spectrogram measures of sleep stability and glucose disposal in sleep disordered breathing. <i>Sleep</i> , <b>2012</b> , 35, 139-48	1.1	15
110	Sleep fragmentation and arousals from sleep-time scales, associations, and implications. <i>Clinical Neurophysiology</i> , <b>2006</b> , 117, 707-11	4.3	15
109	Ambulatory Blood Pressure Monitoring in Chinese Patients with Obstructive Sleep Apnea. <i>Journal of Clinical Sleep Medicine</i> , <b>2017</b> , 13, 433-439	3.1	13
108	Association of Mild Obstructive Sleep Apnea With Cognitive Performance, Excessive Daytime Sleepiness, and Quality of Life in the General Population: The Korean Genome and Epidemiology Study (KoGES). <i>Sleep</i> , <b>2017</b> , 40,	1.1	12
107	Altered structural brain network resulting from white matter injury in obstructive sleep apnea. <i>Sleep</i> , <b>2019</b> , 42,	1.1	12
106	New approaches to cancer care in a COVID-19 world. <i>Lancet Oncology</i> , <b>2020</b> , 21, e339-e340	21.7	12
105	Interaction between Obstructive Sleep Apnea and Shortened Telomere Length on Brain White Matter Abnormality. <i>Sleep</i> , <b>2016</b> , 39, 1639-45	1.1	11
104	The association between leukocyte telomere lengths and sleep instability based on cardiopulmonary coupling analysis. <i>Sleep and Breathing</i> , <b>2015</b> , 19, 963-8	3.1	10
103	Assessment of therapeutic options for mild obstructive sleep apnea using cardiopulmonary coupling measures. <i>Journal of Clinical Sleep Medicine</i> , <b>2012</b> , 8, 315-20	3.1	10

102	The role of acetazolamide in sleep apnea at sea level: a systematic review and meta-analysis. <i>Journal of Clinical Sleep Medicine</i> , <b>2021</b> , 17, 1295-1304	3.1	10
101	Complex sleep apnea. <i>Current Treatment Options in Neurology</i> , <b>2013</b> , 15, 677-91	4.4	9
100	Hospital characteristics, rather than surgical volume, predict length of stay following colorectal cancer surgery. <i>Australian and New Zealand Journal of Public Health</i> , <b>2020</b> , 44, 73-82	2.3	9
99	Prevalence and Characteristics of Restless Legs Syndrome in Korean Adults: A Study in Two Independent Samples of the General Population. <i>Neuroepidemiology</i> , <b>2019</b> , 52, 193-204	5.4	8
98	Excess brain age in the sleep electroencephalogram predicts reduced life expectancy. <i>Neurobiology of Aging</i> , <b>2020</b> , 88, 150-155	5.6	8
97	Prevalence of Undiagnosed Sleep Apnea in Patients With Atrial Fibrillation and Its Impact on Therapy. <i>JACC: Clinical Electrophysiology</i> , <b>2020</b> , 6, 1499-1506	4.6	8
96	Mapping sleep using coupled biological oscillations. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2011</b> , 2011, 1479-82	0.9	7
95	Mechanisms of arousal from sleep and their consequences. <i>Current Opinion in Pulmonary Medicine</i> , <b>2004</b> , 10, 468-74	3	7
94	The effect of acute exposure to morphine on breathing variability and cardiopulmonary coupling in men with obstructive sleep apnea: A randomized controlled trial. <i>Journal of Sleep Research</i> , <b>2020</b> , 29, e12930	5.8	7
93	Overlap syndrome of COPD and OSA in Koreans. <i>Medicine (United States)</i> , <b>2017</b> , 96, e7241	1.8	6
92	Distinct polysomnographic and ECG-spectrographic phenotypes embedded within obstructive sleep apnea. <i>Sleep Science and Practice</i> , <b>2017</b> , 1,	1.2	6
91	Changing the direction of sleep medicine: business can boom, but it is not as usual. <i>Journal of Clinical Sleep Medicine</i> , <b>2013</b> , 9, 977-9	3.1	6
90	The cardiomyopathy of obstructive sleep apnea. <i>Annals of Internal Medicine</i> , <b>1996</b> , 125, 425	8	6
89	Automated Apnea-Hypopnea Index from Oximetry and Spectral Analysis of Cardiopulmonary Coupling. <i>Annals of the American Thoracic Society</i> , <b>2021</b> , 18, 876-883	4.7	6
88	The Respiratory Signature: A Novel Concept to Leverage Continuous Positive Airway Pressure Therapy as an Early Warning System for Exacerbations of Common Diseases such as Heart Failure. <i>Journal of Clinical Sleep Medicine</i> , <b>2019</b> , 15, 923-927	3.1	6
87	Association of Sleep Electroencephalography-Based Brain Age Index With Dementia. <i>JAMA Network Open</i> , <b>2020</b> , 3, e2017357	10.4	5
86	Estimation of adaptive ventilation success and failure using polysomnogram and outpatient therapy biomarkers. <i>Sleep</i> , <b>2018</b> , 41,	1.1	5
85	Longitudinal course of insomnia: age-related differences in subjective sleepiness and vigilance performance in a population-based sample. <i>Journal of Psychosomatic Research</i> , <b>2013</b> , 75, 532-8	4.1	5

84	Hypnotics and mortality risk. <i>Journal of Clinical Sleep Medicine</i> , <b>2012</b> , 8, 351-2	3.1	5
83	Multicomponent Analysis of Sleep Using Electrocardiac, Respiratory, Autonomic and Hemodynamic Signals Reveals Distinct Features of Stable and Unstable NREM and REM Sleep. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 592978	4.6	5
82	0657 THE CIRCADIAN VARIANT OF IDIOPATHIC HYPERSOMNIA. <i>Sleep</i> , <b>2017</b> , 40, A243-A243	1.1	4
81	Analysis of the sleep EEG in the complexity domain. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2016</b> , 2016, 6429-6432	0.9	4
80	Effect of armodafinil on cortical activity and working memory in patients with residual excessive sleepiness associated with CPAP-Treated OSA: a multicenter fMRI study. <i>Journal of Clinical Sleep Medicine</i> , <b>2014</b> , 10, 143-53	3.1	4
79	Urinary Neutrophil Gelatinase-Associated Lipocalin (NGAL) in Patients with Obstructive Sleep Apnea. <i>PLoS ONE</i> , <b>2016</b> , 11, e0154503	3.7	4
78	Strong Chemoreflex Modulation of Sleep-Breathing: Some Answers but Even More Questions. <i>Journal of Clinical Sleep Medicine</i> , <b>2009</b> , 05, 212-214	3.1	4
77	Scoring respiratory events in sleep medicine: who is the driver--biology or medical insurance?. <i>Journal of Clinical Sleep Medicine</i> , <b>2014</b> , 10, 1245-7	3.1	4
76	Acetazolamide for residual apnea and periodic breathing on continuous positive airway pressure therapy. <i>Sleep Medicine</i> , <b>2020</b> , 71, 52-53	4.6	3
75	Obstructive sleep apnea, low transferrin saturation levels, and male-pattern baldness. <i>International Journal of Dermatology</i> , <b>2019</b> , 58, 67-74	1.7	3
74	[O30506]: REM SLEEP MECHANISMS PREDICT INCIDENT DEMENTIA IN THE FRAMINGHAM HEART STUDY <b>2017</b> , 13, P910-P911		3
73	Cardiopulmonary coupling-derived sleep quality is associated with improvements in blood pressure in patients with obstructive sleep apnea at high-cardiovascular risk. <i>Journal of Hypertension</i> , <b>2020</b> , 38, 2287-2294	1.9	3
72	Algorithm for automatic detection of self-similarity and prediction of residual central respiratory events during continuous positive airway pressure. <i>Sleep</i> , <b>2021</b> , 44,	1.1	3
71	Can improvements in sleep quality positively affect serum adiponectin-levels in patients with obstructive sleep apnea?. <i>Sleep Medicine</i> , <b>2021</b> , 84, 324-333	4.6	3
70	Author response: Sleep architecture and the risk of incident dementia in the community. <i>Neurology</i> , <b>2018</b> , 90, 487	6.5	2
69	Prescription of opioids to post-operative orthopaedic patients at time of discharge from hospital: a prospective observational study. <i>Scandinavian Journal of Pain</i> , <b>2018</b> , 18, 253-259	1.9	2
68	Strong chemoreflex modulation of sleep-breathing: some answers but even more questions. <i>Journal of Clinical Sleep Medicine</i> , <b>2009</b> , 5, 212-4	3.1	2
67	Carbon dioxide in sleep medicine: the next frontier for measurement, manipulation, and research. <i>Journal of Clinical Sleep Medicine</i> , <b>2014</b> , 10, 523-6	3.1	2

66	Impact of Catheter Ablation on Sleep Quality and Relationship Between Sleep Stability and Recurrence of Paroxysmal Atrial Fibrillation After Successful Ablation: 24-Hour Holter-Based Cardiopulmonary Coupling Analysis. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e017016	6	2
65	HIV increases sleep-based brain age despite antiretroviral therapy. <i>Sleep</i> , <b>2021</b> , 44,	1.1	2
64	Obstructive sleep apnea phenotypes and cardiovascular risk: Is there a role for heart rate variability in risk stratification?. <i>Sleep</i> , <b>2021</b> , 44,	1.1	2
63	Sleep structure and electroencephalographic spectral power of middle-aged or older adults: Normative values by age and sex in the Korean population. <i>Journal of Sleep Research</i> , <b>2021</b> , 30, e13358	5.8	2
62	Sleep Duration, Sleep Apnea, and Gray Matter Volume. <i>Journal of Geriatric Psychiatry and Neurology</i> , <b>2022</b> , 35, 47-56	3.8	2
61	Scoring of Sleep-Related Breathing Events <b>2017</b> , 431-447		1
60	0467 A Combination Index of Low Frequency Cardio-Pulmonary-Coupling and Oxygen Desaturation has a Strong Correlation with the Apnea Hypopnea Index. <i>Sleep</i> , <b>2019</b> , 42, A188-A188	1.1	1
59	0075 Rem Sleep Is Bimodal. <i>Sleep</i> , <b>2019</b> , 42, A31-A32	1.1	1
58	Dissociation of EEG and autonomic sleep physiology. <i>Sleep Medicine</i> , <b>2015</b> , 16, 308-9	4.6	1
57	0780 WEARABLE SLEEP EPIDEMIOLOGY IN THE FRAMINGHAM HEART STUDY. <i>Sleep</i> , <b>2017</b> , 40, A289-A289	1	1
56	Sleepiness and Driving: Multidimensional Legal, Social, Technological, and Biological Challenges. <i>Sleep</i> , <b>2016</b> , 39, 961-2	1.1	1
55	Last Word on Viewpoint: Hypercapnia is more important than hypoxia in the neuro-outcomes of sleep-disordered breathing. <i>Journal of Applied Physiology</i> , <b>2016</b> , 120, 1489	3.7	1
54	Seeking useful biomarkers for the quality and effectiveness of sleep. <i>Sleep</i> , <b>2012</b> , 35, 173-4	1.1	1
53	Preserved Sleep Quality under Simulated Altitude as Assessed by Electroencephalography Power and the Electrocardiogram-Derived Sleep Spectrogram. <i>Sleep Medicine Research</i> , <b>2010</b> , 1, 20-25	0.8	1
52	Cardiovascular and somatic comorbidities and sleep measures using three hypopnea criteria in mild obstructive sleep-disordered breathing: sex, age, and body mass index differences in a retrospective sleep clinic cohort. <i>Journal of Clinical Sleep Medicine</i> , <b>2020</b> , 16, 1683-1691	3.1	1
51	Neck Circumference and Cerebral Gray Matter Volume. <i>Alzheimer Disease and Associated Disorders</i> , <b>2020</b> , 34, 306-312	2.5	1
50	Multimodality therapy for sleep apnea syndromes. <i>Journal of Clinical Sleep Medicine</i> , <b>2012</b> , 8, 565-7	3.1	1
49	A circadian mechanism for idiopathic hypersomnia - a long biological night. <i>Sleep Medicine</i> , <b>2020</b> , 74, 31-32	4.6	1

48	A protocol for mitigating safety events in a sleep laboratory. <i>Journal of Clinical Sleep Medicine</i> , <b>2021</b> , 17, 1355-1361	3.1	1
47	Digital sleep measures and white matter health in the Framingham Heart Study.. <i>Exploration of Medicine</i> , <b>2021</b> , 2, 253-267	1.1	1
46	Quantifying statistical uncertainty in metrics of sleep disordered breathing. <i>Sleep Medicine</i> , <b>2020</b> , 65, 161-169	4.6	1
45	A longitudinal observational population-based study of brain volume associated with changes in sleep timing from middle to late-life. <i>Sleep</i> , <b>2021</b> , 44,	1.1	1
44	Night-to-night variability of sleep electroencephalography-based brain age measurements. <i>Clinical Neurophysiology</i> , <b>2021</b> , 132, 1-12	4.3	1
43	A longitudinal study of the accuracy of positive pressure therapy machine-detected apnea-hypopnea events. <i>Journal of Clinical Sleep Medicine</i> , <b>2021</b> ,	3.1	1
42	The pathway to diagnosis and treatment for surgically managed lung cancer patients. <i>Family Practice</i> , <b>2020</b> , 37, 234-241	1.9	0
41	Cognitive performance norms from the Korean genome and epidemiology study (KoGES). <i>International Psychogeriatrics</i> , <b>2017</b> , 29, 1909-1924	3.4	0
40	Implementing Palliative Care Training in the Caribbean: Development and Assessment of a Basic Palliative Care Training Course in Jamaica. <i>Journal of Pain and Symptom Management</i> , <b>2021</b> , 62, 1145-1153	4.8	0
39	1022 The Respiratory Signature of Periodic Leg Movements Is a Potential Way to Track Individual Therapy Response Objectively. <i>Sleep</i> , <b>2019</b> , 42, A411-A411	1.1	0
38	Flow limitation/obstruction with recovery breath (FLOW) event for improved scoring of mild obstructive sleep apnea without electroencephalography. <i>Sleep Medicine</i> , <b>2020</b> , 67, 249-255	4.6	0
37	Sleep apnea and respiratory anomaly detection from a wearable band and oxygen saturation. <i>Sleep and Breathing</i> , <b>2021</b> , 1	3.1	0
36	Deep Learning-Based Assessment of Brain Connectivity Related to Obstructive Sleep Apnea and Daytime Sleepiness. <i>Nature and Science of Sleep</i> , <b>2021</b> , 13, 1561-1572	3.6	0
35	Slow wave synchronization and sleep state transitions.. <i>Scientific Reports</i> , <b>2022</b> , 12, 7467	4.9	0
34	0550 Enhanced Expiratory Rebreathing Space (EERS) for Central Sleep Apnea in Heart Failure With Reduced Ejection Fraction. <i>Sleep</i> , <b>2019</b> , 42, A219-A220	1.1	
33	0592 Prevalence of Sleep Apnea in Patients with Tracheobronchomalacia. <i>Sleep</i> , <b>2020</b> , 43, A226-A227	1.1	
32	0661 Comparison Between Ventilator Detected Apnea Hypopnea Index and Manual Scored Results. <i>Sleep</i> , <b>2020</b> , 43, A252-A252	1.1	
31	0295 RECURRENT INSOMNIA-BIPOLAR SLEEP OR MIRROR IMAGE OF THE KLEINE-LEVIN SYNDROME?. <i>Sleep</i> , <b>2017</b> , 40, A109-A109	1.1	

- 30 Cardiopulmonary Coupling Sleep Spectrograms **2017**, 1615-1623.e3
- 29 0604 NATIONAL PATIENT SURVEY OF EXPERIENCES WITH DIAGNOSIS AND MANAGEMENT OF SLEEP APNEA. *Sleep*, **2017**, 40, A224-A224 1.1
- 28 Challenging Circadian Rhythm Disorder Cases. *Neurologic Clinics*, **2019**, 37, 579-599 4.5
- 27 Response. *Sleep Medicine*, **2017**, 38, 160-161 4.6
- 26 0770 THE FORD INSOMNIA RESPONSE TO STRESS TEST IN THE FRAMINGHAM HEART STUDY. *Sleep*, **2017**, 40, A285-A286 1.1
- 25 Central Sleep Apnea **2017**, 1059-1075.e6
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