

Allan I Pack

List of Publications by Year in descending order

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Version: 2024-02-01

284
papers

23,605
citations

7568

77
h-index

9589

142
g-index

295
all docs

295
docs citations

295
times ranked

16627
citing authors

#	ARTICLE	IF	CITATIONS
1	Objective Measurement of Patterns of Nasal CPAP Use by Patients with Obstructive Sleep Apnea. The American Review of Respiratory Disease, 1993, 147, 887-895.	2.9	1,195
2	Rest in Drosophila Is a Sleep-like State. Neuron, 2000, 25, 129-138.	8.1	876
3	Sleep Apnea. Journal of the American College of Cardiology, 2017, 69, 841-858.	2.8	872
4	Relationship Between Hours of CPAP Use and Achieving Normal Levels of Sleepiness and Daily Functioning. Sleep, 2007, 30, 711-719.	1.1	866
5	Identification of Upper Airway Anatomic Risk Factors for Obstructive Sleep Apnea with Volumetric Magnetic Resonance Imaging. American Journal of Respiratory and Critical Care Medicine, 2003, 168, 522-530.	5.6	719
6	Night-To-Night Variability in CPAP Use Over the First Three Months of Treatment. Sleep, 1997, 20, 278-283.	1.1	470
7	Dynamic Upper Airway Imaging during Awake Respiration in Normal Subjects and Patients with Sleep Disordered Breathing. The American Review of Respiratory Disease, 1993, 148, 1385-1400.	2.9	451
8	Lethargus is a Caenorhabditis elegans sleep-like state. Nature, 2008, 451, 569-572.	27.8	441
9	A Survey Screen for Prediction of Apnea. Sleep, 1995, 18, 158-166.	1.1	438
10	Characteristics of crashes attributed to the driver having fallen asleep. Accident Analysis and Prevention, 1995, 27, 769-775.	5.7	410
11	Sleep Deprivation Selectively Impairs Memory Consolidation for Contextual Fear Conditioning. Learning and Memory, 2003, 10, 168-176.	1.3	399
12	CPAP, Weight Loss, or Both for Obstructive Sleep Apnea. New England Journal of Medicine, 2014, 370, 2265-2275.	27.0	393
13	Effects of One Night without Nasal CPAP Treatment on Sleep and Sleepiness in Patients with Obstructive Sleep Apnea. The American Review of Respiratory Disease, 1993, 147, 1162-1168.	2.9	356
14	Indications for Positive Airway Pressure Treatment of Adult Obstructive Sleep Apnea Patients. Chest, 1999, 115, 863-866.	0.8	343
15	The different clinical faces of obstructive sleep apnoea: a cluster analysis. European Respiratory Journal, 2014, 44, 1600-1607.	6.7	332
16	Macromolecule biosynthesis: a key function of sleep. Physiological Genomics, 2007, 31, 441-457.	2.3	322
17	Practice Parameters for the Use of Portable Monitoring Devices in the Investigation of Suspected Obstructive Sleep Apnea in Adults. Sleep, 2003, 26, 907-913.	1.1	310
18	Molecular Signatures of Obstructive Sleep Apnea in Adults: A Review and Perspective. Sleep, 2009, 32, 447-470.	1.1	297

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19	Symptom Subtypes of Obstructive Sleep Apnea Predict Incidence of Cardiovascular Outcomes. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 493-506.	5.6	290
20	Tongue Fat and its Relationship to Obstructive Sleep Apnea. Sleep, 2014, 37, 1639-1648.	1.1	268
21	Brain Glycogen Decreases with Increased Periods of Wakefulness: Implications for Homeostatic Drive to Sleep. Journal of Neuroscience, 2002, 22, 5581-5587.	3.6	256
22	Aging Impairs the Unfolded Protein Response to Sleep Deprivation and Leads to Proapoptotic Signaling. Journal of Neuroscience, 2008, 28, 6539-6548.	3.6	250
23	Problems associated with short sleep: Bridging the gap between laboratory and epidemiological studies. Sleep Medicine Reviews, 2010, 14, 239-247.	8.5	230
24	Risk factors for sleep-disordered breathing in pregnancy. Thorax, 2014, 69, 371-377.	5.6	218
25	Novel method for high-throughput phenotyping of sleep in mice. Physiological Genomics, 2007, 28, 232-238.	2.3	211
26	Obstructive Sleep Apnea and Cardiovascular Disease. Progress in Cardiovascular Diseases, 2009, 51, 434-451.	3.1	196
27	Upper Airway Size Analysis by Magnetic Resonance Imaging of Children with Obstructive Sleep Apnea Syndrome. American Journal of Respiratory and Critical Care Medicine, 2003, 167, 65-70.	5.6	193
28	Serotonin at the Laterodorsal Tegmental Nucleus Suppresses Rapid-Eye-Movement Sleep in Freely Behaving Rats. Journal of Neuroscience, 1997, 17, 7541-7552.	3.6	187
29	Sleep deprivation induces the unfolded protein response in mouse cerebral cortex. Journal of Neurochemistry, 2005, 92, 1150-1157.	3.9	187
30	Changes in Symptoms of Sleep-Disordered Breathing During Pregnancy. Sleep, 2005, 28, 1299-1305.	1.1	183
31	Functional Outcomes of Excessive Daytime Sleepiness in Older Adults. Journal of the American Geriatrics Society, 2003, 51, 642-649.	2.6	180
32	Changes in serotonin level in the hypoglossal nucleus region during carbachol-induced atonia. Brain Research, 1994, 645, 291-302.	2.2	178
33	Self-Efficacy in Sleep Apnea: Instrument Development and Patient Perceptions of Obstructive Sleep Apnea Risk, Treatment Benefit, and Volition to Use Continuous Positive Airway Pressure. Sleep, 2003, 26, 727-732.	1.1	173
34	Effects of continuous positive airway pressure on blood pressure in patients with resistant hypertension and obstructive sleep apnea. Journal of Hypertension, 2014, 32, 2341-2350.	0.5	170
35	Impaired Performance in Commercial Drivers. American Journal of Respiratory and Critical Care Medicine, 2006, 174, 446-454.	5.6	159
36	The energy hypothesis of sleep revisited. Progress in Neurobiology, 2008, 86, 264-280.	5.7	156

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37	Metrics of sleep apnea severity: beyond the apnea-hypopnea index. Sleep, 2021, 44, .	1.1	154
38	The scope and nature of the drowsy driving problem in New York state. Accident Analysis and Prevention, 1996, 28, 511-517.	5.7	153
39	Performance of an Automated Polysomnography Scoring System Versus Computer-Assisted Manual Scoring. Sleep, 2013, 36, 573-582.	1.1	153
40	Advances in Sleep-disordered Breathing. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 7-15.	5.6	150
41	Recognizable clinical subtypes of obstructive sleep apnea across international sleep centers: a cluster analysis. Sleep, 2018, 41, .	1.1	148
42	Global burden of sleep-disordered breathing and its implications. Respiriology, 2020, 25, 690-702.	2.3	142
43	Genetic Basis of Chronotype in Humans: Insights From Three Landmark GWAS. Sleep, 2017, 40, .	1.1	141
44	Conservation of sleep: insights from non-mammalian model systems. Trends in Neurosciences, 2008, 31, 371-376.	8.6	138
45	Identification of craniofacial risk factors for obstructive sleep apnoea using three-dimensional MRI. European Respiratory Journal, 2011, 38, 348-358.	6.7	134
46	Identification of low-frequency variants associated with gout and serum uric acid levels. Nature Genetics, 2011, 43, 1127-1130.	21.4	134
47	Linear Dimensions of the Upper Airway Structure during Development. American Journal of Respiratory and Critical Care Medicine, 2002, 165, 117-122.	5.6	131
48	Sleep Disordered Breathing with Excessive Daytime Sleepiness is a Risk Factor for Mortality in Older Adults. Sleep, 2011, 34, 435-442.	1.1	131
49	Symptoms of Insomnia among Patients with Obstructive Sleep Apnea Before and After Two Years of Positive Airway Pressure Treatment. Sleep, 2013, 36, 1901-1909.	1.1	128
50	Claustrophobia and Adherence to CPAP Treatment. Western Journal of Nursing Research, 2005, 27, 307-321.	1.4	124
51	Family Aggregation of Upper Airway Soft Tissue Structures in Normal Subjects and Patients with Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 453-463.	5.6	121
52	Agreement in the Scoring of Respiratory Events and Sleep Among International Sleep Centers. Sleep, 2013, 36, 591-596.	1.1	120
53	Suppression of hypoglossal motoneurons during the carbachol-induced atonia of REM sleep is not caused by fast synaptic inhibition. Brain Research, 1993, 611, 300-312.	2.2	118
54	The need for a simple animal model to understand sleep. Progress in Neurobiology, 2000, 61, 339-351.	5.7	109

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55	Genetic Evidence for a Role of CREB in Sustained Cortical Arousal. <i>Journal of Neurophysiology</i> , 2003, 90, 1152-1159.	1.8	109
56	Occupational Screening for Obstructive Sleep Apnea in Commercial Drivers. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 170, 371-376.	5.6	109
57	Changing Faces of Obstructive Sleep Apnea: Treatment Effects by Cluster Designation in the Icelandic Sleep Apnea Cohort. <i>Sleep</i> , 2018, 41, .	1.1	109
58	Effect of Weight Loss on Upper Airway Anatomy and the Apnea-Hypopnea Index. The Importance of Tongue Fat. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 718-727.	5.6	106
59	A Novel <i>BHLHE41</i> Variant is Associated with Short Sleep and Resistance to Sleep Deprivation in Humans. <i>Sleep</i> , 2014, 37, 1327-1336.	1.1	104
60	Consequences of Comorbid Insomnia Symptoms and Sleep-Related Breathing Disorder in Elderly Subjects. <i>Archives of Internal Medicine</i> , 2006, 166, 1732.	3.8	103
61	Multiple mechanisms limit the duration of wakefulness in <i>Drosophila</i> brain. <i>Physiological Genomics</i> , 2006, 27, 337-350.	2.3	97
62	Obstructive sleep apnea and cognitive impairment: Addressing the blood-brain barrier. <i>Sleep Medicine Reviews</i> , 2014, 18, 35-48.	8.5	96
63	Altered Upper Airway and Soft Tissue Structures in the New Zealand Obese Mouse. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 179, 158-169.	5.6	94
64	Heritability of Insomnia Symptoms in Youth and Their Relationship to Depression and Anxiety. <i>Sleep</i> , 2011, 34, 1641-1646.	1.1	94
65	The Interaction of Obstructive Sleep Apnea and Obesity on the Inflammatory Markers C-Reactive Protein and Interleukin-6: The Icelandic Sleep Apnea Cohort. <i>Sleep</i> , 2012, 35, 921-32.	1.1	92
66	Insomnia in untreated sleep apnea patients compared to controls. <i>Journal of Sleep Research</i> , 2012, 21, 131-138.	3.2	92
67	Dietary Therapy Mitigates Persistent Wake Deficits Caused by Mild Traumatic Brain Injury. <i>Science Translational Medicine</i> , 2013, 5, 215ra173.	12.4	90
68	Changes in Upper Airway Size during Tidal Breathing in Children with Obstructive Sleep Apnea Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 171, 1298-1304.	5.6	89
69	Shortened sleep duration does not predict obesity in adolescents. <i>Journal of Sleep Research</i> , 2010, 19, 559-566.	3.2	88
70	Sleep is not just for the brain: transcriptional responses to sleep in peripheral tissues. <i>BMC Genomics</i> , 2013, 14, 362.	2.8	88
71	Developing Biomarker Arrays Predicting Sleep and Circadian-Coupled Risks to Health. <i>Sleep</i> , 2016, 39, 727-736.	1.1	87
72	Modulation of IL-1 β gene expression in the rat CNS during sleep deprivation. <i>NeuroReport</i> , 1996, 7, 529-533.	1.2	86

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73	Activation of a distinct arousal state immediately after spontaneous awakening from sleep. Brain Research, 1997, 778, 127-134.	2.2	86
74	A Role for the Molecular Chaperone Protein BiP/GRP78 in Drosophila Sleep Homeostasis. Sleep, 2007, 30, 557-565.	1.1	86
75	A Video Method to Study Drosophila Sleep. Sleep, 2008, 31, 1587-1598.	1.1	86
76	Obstructive Sleep Apnea: Update and Future. Annual Review of Medicine, 2017, 68, 99-112.	12.2	85
77	Pediatric Parasomnias. Sleep, 2007, 30, 141-151.	1.1	82
78	Heritability of Performance Deficit Accumulation During Acute Sleep Deprivation in Twins. Sleep, 2012, 35, 1223-33.	1.1	82
79	Clinical Significance of Sleep Apnea in the Elderly. The American Review of Respiratory Disease, 1987, 136, 845-850.	2.9	80
80	Sleep Duration and Depressive Symptoms: A Gene-Environment Interaction. Sleep, 2014, 37, 351-358.	1.1	80
81	Aging in Mice Reduces the Ability to Sustain Sleep/Wake States. PLoS ONE, 2013, 8, e81880.	2.5	79
82	<i>Molecular Mechanisms of Sleep and Wakefulness</i>. Annals of the New York Academy of Sciences, 2008, 1129, 335-349.	3.8	78
83	Sleep-Disordered Breathing. American Journal of Respiratory and Critical Care Medicine, 2004, 169, 666-667.	5.6	76
84	Estivation inProtopterus. Journal of Morphology, 1986, 190, 237-248.	1.2	75
85	Asleep at the Wheel—The Road to Addressing Drowsy Driving. Sleep, 2017, 40, .	1.1	75
86	The neurobiological basis of sleep: Insights from Drosophila. Neuroscience and Biobehavioral Reviews, 2018, 87, 67-86.	6.1	74
87	Randomized clinical trials of cardiovascular disease in obstructive sleep apnea: understanding and overcoming bias. Sleep, 2021, 44, .	1.1	73
88	Interaction of Serotonergic Excitatory Drive to Hypoglossal Motoneurons With Carbachol-Induced, REM Sleep-Like Atonia. Sleep, 1996, 19, 189-195.	1.1	71
89	Risk factors for excessive sleepiness in older adults. Annals of Neurology, 2006, 59, 893-904.	5.3	71
90	What are microarrays teaching us about sleep?. Trends in Molecular Medicine, 2009, 15, 79-87.	6.7	70

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91	Does Upper Airway Muscle Injury Trigger a Vicious Cycle in Obstructive Sleep Apnea? A Hypothesis. <i>Sleep</i> , 1996, 19, 465-471.	1.1	69
92	Symptom-Based Subgroups of Koreans With Obstructive Sleep Apnea. <i>Journal of Clinical Sleep Medicine</i> , 2018, 14, 437-443.	2.6	69
93	Modafinil Maintains Waking in the Fruit Fly <i>Drosophila Melanogaster</i> . <i>Sleep</i> , 2003, 26, 139-146.	1.1	68
94	Blood-Gene Expression Reveals Reduced Circadian Rhythmicity in Individuals Resistant to Sleep Deprivation. <i>Sleep</i> , 2014, 37, 1589-1600.	1.1	68
95	Agreement in Computer-Assisted Manual Scoring of Polysomnograms across Sleep Centers. <i>Sleep</i> , 2013, 36, 583-589.	1.1	67
96	Control of Upper Airway Motoneurons During REM Sleep. <i>Physiology</i> , 1998, 13, 91-97.	3.1	66
97	Social jet lag, chronotype and body mass index in 14-17-year-old adolescents. <i>Chronobiology International</i> , 2016, 33, 1255-1266.	2.0	65
98	Quality of life among untreated sleep apnea patients compared with the general population and changes after treatment with positive airway pressure. <i>Journal of Sleep Research</i> , 2015, 24, 328-338.	3.2	64
99	A Novel Gain-of-Function Mutant of the Cyclic GMP-Dependent Protein Kinase <i>egl-4</i> Affects Multiple Physiological Processes in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2006, 173, 177-187.	2.9	63
100	Role of Homer Proteins in the Maintenance of Sleep-Wake States. <i>PLoS ONE</i> , 2012, 7, e35174.	2.5	62
101	Aging induced endoplasmic reticulum stress alters sleep and sleep homeostasis. <i>Neurobiology of Aging</i> , 2014, 35, 1431-1441.	3.1	62
102	Strategic Opportunities in Sleep and Circadian Research: Report of the Joint Task Force of the Sleep Research Society and American Academy of Sleep Medicine. <i>Sleep</i> , 2014, 37, 219-227.	1.1	62
103	Sleep Duration and Body Mass Index in Twins: A Gene-Environment Interaction. <i>Sleep</i> , 2012, 35, 597-603.	1.1	60
104	Predictors of continuous positive airway pressure use during the first week of treatment. <i>Journal of Sleep Research</i> , 2012, 21, 419-426.	3.2	60
105	Changes in Components of Energy Regulation in Mouse Cortex with Increases in Wakefulness. <i>Sleep</i> , 2010, 33, 889-900.	1.1	58
106	Reinventing polysomnography in the age of precision medicine. <i>Sleep Medicine Reviews</i> , 2020, 52, 101313.	8.5	57
107	Normal sleep requires the astrocyte brain-type fatty acid binding protein FABP7. <i>Science Advances</i> , 2017, 3, e1602663.	10.3	56
108	Characterization of the bout durations of sleep and wakefulness. <i>Journal of Neuroscience Methods</i> , 2010, 193, 321-333.	2.5	53

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109	Single Slice vs. Volumetric MR Assessment of Visceral Adipose Tissue: Reliability and Validity Among the Overweight and Obese. <i>Obesity</i> , 2012, 20, 2124-2132.	3.0	53
110	Sleep-disordered breathing and daytime napping are associated with maternal hyperglycemia. <i>Sleep and Breathing</i> , 2013, 17, 1093-1102.	1.7	53
111	Sleep in children with Williams Syndrome. <i>Sleep Medicine</i> , 2011, 12, 892-897.	1.6	52
112	Time of Day Regulates Subcellular Trafficking, Tripartite Synaptic Localization, and Polyadenylation of the Astrocytic Fabp7 mRNA. <i>Journal of Neuroscience</i> , 2012, 32, 1383-1394.	3.6	52
113	Application of Personalized, Predictive, Preventative, and Participatory (P4) Medicine to Obstructive Sleep Apnea. A Roadmap for Improving Care?. <i>Annals of the American Thoracic Society</i> , 2016, 13, 1456-1467.	3.2	52
114	Enzymes of adenosine metabolism in the brain: diurnal rhythm and the effect of sleep deprivation. <i>Journal of Neurochemistry</i> , 2003, 85, 348-357.	3.9	51
115	Facial Phenotyping by Quantitative Photography Reflects Craniofacial Morphology Measured on Magnetic Resonance Imaging in Icelandic Sleep Apnea Patients. <i>Sleep</i> , 2014, 37, 959-968.	1.1	51
116	<scp>P4</scp> medicine approach to obstructive sleep apnoea. <i>Respirology</i> , 2017, 22, 849-860.	2.3	51
117	Structural Variation Shapes the Landscape of Recombination in Mouse. <i>Genetics</i> , 2017, 206, 603-619.	2.9	51
118	Validation of the Nox-T3 Portable Monitor for Diagnosis of Obstructive Sleep Apnea in Chinese Adults. <i>Journal of Clinical Sleep Medicine</i> , 2017, 13, 675-683.	2.6	50
119	The Prevalence of Depression among Untreated Obstructive Sleep Apnea Patients Using a Standardized Psychiatric Interview. <i>Journal of Clinical Sleep Medicine</i> , 2016, 12, 105-112.	2.6	49
120	A Global Comparison of Anatomic Risk Factors and Their Relationship to Obstructive Sleep Apnea Severity in Clinical Samples. <i>Journal of Clinical Sleep Medicine</i> , 2019, 15, 629-639.	2.6	49
121	Age-related changes in adenosine metabolic enzymes in sleep/wake regulatory areas of the brain. <i>Neurobiology of Aging</i> , 2006, 27, 351-360.	3.1	48
122	Upper Airway Lymphoid Tissue Size in Children With Sickle Cell Disease. <i>Chest</i> , 2012, 142, 94-100.	0.8	48
123	Heritability of Craniofacial Structures in Normal Subjects and Patients with Sleep Apnea. <i>Sleep</i> , 2014, 37, 1689-1698.	1.1	48
124	Implementation of Sleep and Circadian Science: Recommendations from the Sleep Research Society and National Institutes of Health Workshop. <i>Sleep</i> , 2016, 39, 2061-2075.	1.1	48
125	Differences in three-dimensional upper airway anatomy between Asian and European patients with obstructive sleep apnea. <i>Sleep</i> , 2020, 43, .	1.1	48
126	The role of obesity, different fat compartments and sleep apnea severity in circulating leptin levels: the Icelandic Sleep Apnea Cohort study. <i>International Journal of Obesity</i> , 2013, 37, 835-842.	3.4	46

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127	Pleiotropic genetic effects influencing sleep and neurological disorders. <i>Lancet Neurology</i> , The, 2017, 16, 158-170.	10.2	46
128	Reliability of the American Academy of Sleep Medicine Rules for Assessing Sleep Depth in Clinical Practice. <i>Journal of Clinical Sleep Medicine</i> , 2018, 14, 205-213.	2.6	45
129	Glycogen in the brain of <i>Drosophila melanogaster</i> : diurnal rhythm and the effect of rest deprivation. <i>Journal of Neurochemistry</i> , 2004, 88, 32-40.	3.9	44
130	Assessing REM Sleep in Mice Using Video Data. <i>Sleep</i> , 2012, 35, 433-442.	1.1	44
131	Reliability of a Single Objective Measure in Assessing Sleepiness. <i>Sleep</i> , 2012, 35, 149-158.	1.1	44
132	EEG slow waves in traumatic brain injury: Convergent findings in mouse and man. <i>Neurobiology of Sleep and Circadian Rhythms</i> , 2017, 2, 59-70.	2.8	44
133	Differences in Activity of Cytochrome C Oxidase in Brain Between Sleep and Wakefulness. <i>Sleep</i> , 2005, 28, 21-27.	1.1	43
134	Aging is Associated With an Earlier Arrival of Reflected Waves Without a Distal Shift in Reflection Sites. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	43
135	Sleep Terrors in Childhood. <i>Journal of Pediatrics</i> , 2005, 147, 388-392.	1.8	42
136	Estimated cost of crashes in commercial drivers supports screening and treatment of obstructive sleep apnea. <i>Accident Analysis and Prevention</i> , 2008, 40, 104-115.	5.7	42
137	Update on Sleep and Its Disorders. <i>Annual Review of Medicine</i> , 2011, 62, 447-460.	12.2	42
138	Determinants of sleepiness in obstructive sleep apnea. <i>Sleep</i> , 2018, 41, .	1.1	41
139	Evocation of postural atonia and respiratory depression by pontine carbachol in the decerebrate rat. <i>Brain Research</i> , 1992, 595, 107-115.	2.2	40
140	SLEEPINESS AND RELATIONSHIPS IN OBSTRUCTIVE SLEEP APNEA. <i>Issues in Mental Health Nursing</i> , 2006, 27, 319-330.	1.2	40
141	Proteomic analysis of the effects and interactions of sleep deprivation and aging in mouse cerebral cortex. <i>Journal of Neurochemistry</i> , 2007, 103, 2301-2313.	3.9	39
142	Nocturnal sweating—a common symptom of obstructive sleep apnoea: the Icelandic sleep apnoea cohort. <i>BMJ Open</i> , 2013, 3, e002795.	1.9	39
143	Short-Term Variability in Apnea-Hypopnea Index during Extended Home Portable Monitoring. <i>Journal of Clinical Sleep Medicine</i> , 2016, 12, 855-863.	2.6	39
144	Definition of excessive daytime sleepiness in the general population: Feeling sleepy relates better to sleep-related symptoms and quality of life than the Epworth Sleepiness Scale score. Results from an epidemiological study. <i>Journal of Sleep Research</i> , 2019, 28, e12852.	3.2	39

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145	Review of Regulations and Guidelines for Commercial and Noncommercial Drivers With Sleep Apnea and Narcolepsy. <i>Sleep</i> , 1995, 18, 787-796.	1.1	38
146	Arousal Responses during Overnight Polysomnography and their Reproducibility in Healthy Young Adults. <i>Sleep</i> , 2015, 38, 1313-1321.	1.1	38
147	Validation of the Nox-T3 Portable Monitor for Diagnosis of Obstructive Sleep Apnea in Patients With Chronic Obstructive Pulmonary Disease. <i>Journal of Clinical Sleep Medicine</i> , 2019, 15, 587-596.	2.6	37
148	Circulating adhesion molecules in obstructive sleep apnea and cardiovascular disease. <i>Sleep Medicine Reviews</i> , 2014, 18, 25-34.	8.5	34
149	Heart rate variability during wakefulness as a marker of obstructive sleep apnea severity. <i>Sleep</i> , 2021, 44, .	1.1	34
150	Simulating obstructive sleep apnea patients' oxygenation characteristics into a mouse model of cyclical intermittent hypoxia. <i>Journal of Applied Physiology</i> , 2015, 118, 544-557.	2.5	33
151	The impact of obstructive sleep apnea on nonalcoholic fatty liver disease in patients with severe obesity. <i>Obesity</i> , 2016, 24, 871-877.	3.0	33
152	Detection of Upper Airway Status and Respiratory Events by a Current Generation Positive Airway Pressure Device. <i>Sleep</i> , 2015, 38, 597-605.	1.1	32
153	Adhesion molecule increases in sleep apnea: beneficial effect of positive airway pressure and moderation by obesity. <i>International Journal of Obesity</i> , 2015, 39, 472-479.	3.4	32
154	AMP-activated protein kinase phosphorylation in brain is dependent on method of killing and tissue preparation. <i>Journal of Neurochemistry</i> , 2008, 105, 833-841.	3.9	31
155	Obstructive sleep apnoea treatment and fasting lipids: a comparative effectiveness study. <i>European Respiratory Journal</i> , 2014, 44, 405-414.	6.7	31
156	Tongue Fat Infiltration in Obese Versus Lean Zucker Rats. <i>Sleep</i> , 2014, 37, 1095-1102.	1.1	31
157	Sleep Disorders, Public Health, and Public Safety. <i>JAMA - Journal of the American Medical Association</i> , 2011, 306, 2616.	7.4	30
158	In-Home, Self-Assembled Sleep Studies Are Useful in Diagnosing Sleep Apnea in the Elderly. <i>Sleep</i> , 2012, 35, 1491-501.	1.1	30
159	Altered diurnal states in insomnia reflect peripheral hyperarousal and metabolic desynchrony: a preliminary study. <i>Sleep</i> , 2018, 41, .	1.1	30
160	Agreement in the Scoring of Respiratory Events Among International Sleep Centers for Home Sleep Testing. <i>Journal of Clinical Sleep Medicine</i> , 2016, 12, 71-77.	2.6	30
161	Genetic Background Has a Major Impact on Differences in Sleep Resulting from Environmental Influences in <i>Drosophila</i> . <i>Sleep</i> , 2012, 35, 545-557.	1.1	29
162	Genetics of Sleep Disorders. <i>Psychiatric Clinics of North America</i> , 2015, 38, 667-681.	1.3	29

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163	Case-control study of subjective and objective differences in sleep patterns in older adults with insomnia symptoms. <i>Journal of Sleep Research</i> , 2011, 20, 434-444.	3.2	28
164	Amyloid β induces sleep fragmentation that is rescued by fatty acid binding proteins in <i>Drosophila</i> . <i>Journal of Neuroscience Research</i> , 2017, 95, 1548-1564.	2.9	28
165	Insomnia complaints in lean patients with obstructive sleep apnea negatively affect positive airway pressure treatment adherence. <i>Journal of Sleep Research</i> , 2017, 26, 159-165.	3.2	28
166	Dynamic Upper Airway Imaging during Wakefulness in Obese Subjects with and without Sleep Apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 1435-1443.	5.6	28
167	Computational Aspects of the Respiratory Pattern Generator. <i>Neural Computation</i> , 1994, 6, 56-68.	2.2	27
168	Identification Of Coding Polymorphisms In Human Circadian Rhythm Genes <i>Per1, Per2, Per3, Clock, Arntl, Cry1, Cry2</i> And <i>Timeless</i> In A Multi-ethnic Screening Panel. <i>DNA Sequence</i> , 2008, 19, 44-49.	0.7	27
169	Heart Failure and Sleep-Disordered Breathing – The Plot Thickens. <i>New England Journal of Medicine</i> , 2015, 373, 1166-1167.	27.0	27
170	Behavior of VRG neurons during the atonia of RFM sleep induced by pontine carbachol in decerebrate cats. <i>Brain Research</i> , 1992, 592, 91-100.	2.2	26
171	The responses of $I\dot{I}^2$ cells to increases in the rate of lung inflation. <i>Brain Research</i> , 1981, 219, 289-305.	2.2	25
172	Frequently used sleep questionnaires in epidemiological and genetic research for obstructive sleep apnea: A review. <i>Sleep Medicine Reviews</i> , 2012, 16, 529-537.	8.5	25
173	Glutamate Is a Wake-Active Neurotransmitter in <i>Drosophila melanogaster</i> . <i>Sleep</i> , 2017, 40, .	1.1	25
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