

Estimation of the global prevalence and burden of obstructive pulmonary disease: a population-based literature-based analysis

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The global burden of sleep apnoea. <i>Lancet Respiratory Medicine</i> , 2019, 7, 645-647.	5.2	13
2	Does Continuous Positive Airway Pressure Therapy in Patients with Obstructive Sleep Apnea Improves Uric Acid? A Meta-Analysis. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-9.	1.9	9
3	Targeting Endotypic Traits with Medications for the Pharmacological Treatment of Obstructive Sleep Apnea. A Review of the Current Literature. <i>Journal of Clinical Medicine</i> , 2019, 8, 1846.	1.0	64
4	Resistant/Refractory Hypertension and Sleep Apnoea: Current Knowledge and Future Challenges. <i>Journal of Clinical Medicine</i> , 2019, 8, 1872.	1.0	19
5	Japanese Cross-Sectional Multicenter Survey (JAMS) of Oral Appliance Therapy in the Management of Obstructive Sleep Apnea. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3288.	1.2	5
6	On Not Knowing What We Don't Know to Knowing What We Don't Know: Obstructive Sleep Apnea in the Transgender Community. <i>Journal of Clinical Sleep Medicine</i> , 2019, 15, 1393-1395.	1.4	5
7	Reshaping Sleep Apnea Care: Time for Value-based Strategies. <i>Annals of the American Thoracic Society</i> , 2019, 16, 1501-1503.	1.5	15
8	Oral Appliance Therapy for Obstructive Sleep Apnoea: State of the Art. <i>Journal of Clinical Medicine</i> , 2019, 8, 2121.	1.0	24
9	<p><p>Nocturnal Mean Oxygen Saturation Is Associated with Secondary Polycythemia in Young Adults with Obstructive Sleep Apnea, Especially in Men<p>. <i>Nature and Science of Sleep</i> , 2019, Volume 11, 377-386.	1.4	18
10	Big Data in sleep apnoea: Opportunities and challenges. <i>Respirology</i> , 2020, 25, 486-494.	1.3	39
11	Critical Issues in Dental and Medical Management of Obstructive Sleep Apnea. <i>Journal of Dental Research</i> , 2020, 99, 26-35.	2.5	40
12	The future of sleep-disordered breathing: Looking beyond the horizon. <i>Respirology</i> , 2020, 25, 249-250.	1.3	0
13	Redesigning Care for OSA. <i>Chest</i> , 2020, 157, 966-976.	0.4	18
14	Adherence in children using positive airway pressure therapy: a big-data analysis. <i>The Lancet Digital Health</i> , 2020, 2, e94-e101.	5.9	42
15	Estimating the hidden burden of obstructive sleep apnoea: challenges and pitfalls. <i>Lancet Respiratory Medicine</i> , 2020, 8, e1.	5.2	4
16	Prevalence, risk factors, and type of sleep apnea in patients with paroxysmal atrial fibrillation. <i>IJC Heart and Vasculature</i> , 2020, 26, 100447.	0.6	29
17	Nocturnal bilevel positive airway pressure for the treatment of asthma. <i>Respiratory Physiology and Neurobiology</i> , 2020, 274, 103355.	0.7	3
18	Continuous positive airway pressure versus standard care for the treatment of people with mild obstructive sleep apnoea (MERGE): a multicentre, randomised controlled trial. <i>Lancet Respiratory Medicine</i> , 2020, 8, 349-358.	5.2	61

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19	The faces of sleep apnea in the age of machine learning. <i>Journal of Clinical Sleep Medicine</i> , 2020, 16, 469-470.	1.4	4
20	OSA in patients with head and neck cancer is associated with cancer size and oncologic outcome. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021, 278, 2485-2491.	0.8	15
21	Fecal microbiota transplantation from mice exposed to chronic intermittent hypoxia elicits sleep disturbances in naïve mice. <i>Experimental Neurology</i> , 2020, 334, 113439.	2.0	48
22	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> , 2020, 38, 2287-2294.	0.3	9
23	Endotypes and phenotypes in obstructive sleep apnea. <i>Current Opinion in Pulmonary Medicine</i> , 2020, 26, 609-614.	1.2	68
24	Obstructive sleep apnoea and adherence to continuous positive airway therapy among Australian women. <i>Internal Medicine Journal</i> , 2020, , .	0.5	12
25	Sleep-disordered breathing in adult patients with mitochondrial diseases. <i>Neurology</i> , 2020, 96, 10.1212/WNL.0000000000011005.	1.5	2
26	Severe Obstructive Sleep Apnea Is Associated with Higher Brain Amyloid Burden: A Preliminary PET Imaging Study. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 611-617.	1.2	29
27	The role of exercise-induced peripheral factors in sleep regulation. <i>Molecular Metabolism</i> , 2020, 42, 101096.	3.0	21
28	Alternative algorithms and devices in sleep apnoea diagnosis: what we know and what we expect. <i>Current Opinion in Pulmonary Medicine</i> , 2020, 26, 650-656.	1.2	8
29	Inactivated tetanus as an immunological smokescreen: A major step towards harnessing tetanus-based therapeutics. <i>Molecular Immunology</i> , 2020, 127, 164-174.	1.0	0
30	Obstructive sleep Apnea's association with the cervical spine abnormalities, posture, and pain: a systematic review. <i>Sleep Medicine</i> , 2020, 75, 468-476.	0.8	8
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32	The Arousal Threshold as a Drug Target to Improve Continuous Positive Airway Pressure Adherence: Secondary Analysis of a Randomized Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 1592-1595.	2.5	17
33	The success rate of oral appliances based on multiple criteria according to obstructive sleep apnoea severity, BMI and age: A large multicentre study. <i>Journal of Oral Rehabilitation</i> , 2020, 47, 1178-1183.	1.3	5
34	Can Long-term Treatment of Obstructive Sleep Apnea With CPAP Improve Glycemia and Prevent Type 2 Diabetes?. <i>Diabetes Care</i> , 2020, 43, 1681-1683.	4.3	7
35	Does CPAP treat depressive symptoms in individuals with OSA? An analysis of two 12-week randomized sham CPAP-controlled trials. <i>Sleep Medicine</i> , 2020, 73, 11-14.	0.8	4
36	Sleep medicine and COVID-19. Has a new era begun?. <i>Sleep Medicine</i> , 2020, 73, 170-176.	0.8	44

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40	<p></p>A Review of Current Tools Used for Evaluating the Severity of Obstructive Sleep Apnea</p>. <i>Nature and Science of Sleep</i> , 2020, Volume 12, 1023-1031.	1.4	18
41	Ineffective CPAP Treatment After Effective CPAP Titration. <i>Chest</i> , 2020, 158, e311-e315.	0.4	1
42	Telemedicine in respiratory sleep medicine: COVID-19 pandemic unmask the need for a process-oriented, replicable approach for implementation in clinical routine. <i>Journal of Thoracic Disease</i> , 2020, 12, S261-S263.	0.6	7
43	Sleep disorder in patients with chronic liver disease: a narrative review. <i>Journal of Thoracic Disease</i> , 2020, 12, S248-S260.	0.6	21
44	Extracellular Vesicles Derived from Intermittent Hypoxiaâ€Treated Red Blood Cells Impair Endothelial Function Through Regulating eNOS Phosphorylation and ET-1 Expression. <i>Cardiovascular Drugs and Therapy</i> , 2021, 35, 901-913.	1.3	15
45	Ultrasound assessment of upper airway dilator muscle contraction during transcutaneous electrical stimulation in patients with obstructive sleep apnoea. <i>Journal of Thoracic Disease</i> , 2020, 12, S139-S152.	0.6	5
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47	The Relationship between Simple Snoring and Sleep Bruxism: A Polysomnographic Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8960.	1.2	24
48	The Importance of Respiratory Rate Monitoring: From Healthcare to Sport and Exercise. <i>Sensors</i> , 2020, 20, 6396.	2.1	168
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50	<p></p>Neuro-Ophthalmological Manifestations of Obstructive Sleep Apnea: Current Perspectives</p>. <i>Eye and Brain</i> , 2020, Volume 12, 61-71.	3.8	7
51	Acetazolamide for OSA and Central Sleep Apnea. <i>Chest</i> , 2020, 158, 2632-2645.	0.4	57
52	Screening of obstructive sleep apnea in patients who snore using a patch-type device with electrocardiogram and 3-axis accelerometer. <i>Journal of Clinical Sleep Medicine</i> , 2020, 16, 1149-1160.	1.4	20
53	Does obstructive sleep apnea lead to increased risk of COVID-19 infection and severity?. <i>Journal of Clinical Sleep Medicine</i> , 2020, 16, 1425-1426.	1.4	46
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55	Estimation of the Respiratory Pattern Parameters for Different CW Doppler Radar Signalâ€™s Demodulation Techniques. , 2020, , .		1
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58	Adaptive Potential of the Heme Oxygenase/Carbon Monoxide Pathway During Hypoxia. <i>Frontiers in Physiology</i> , 2020, 11, 886.	1.3	19
59	Characterization of genetic and phenotypic heterogeneity of obstructive sleep apnea using electronic health records. <i>BMC Medical Genomics</i> , 2020, 13, 105.	0.7	18
60	<p>Obstructive Sleep Apnea Exacerbates Glucose Dysmetabolism and Pancreatic Î²-Cell Dysfunction in Overweight and Obese Nondiabetic Young Adults</p>. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 2465-2476.	1.1	4
61	SMAD4 Overexpression in Patients with Sleep Apnoea May Be Associated with Cardiometabolic Comorbidities. <i>Journal of Clinical Medicine</i> , 2020, 9, 2378.	1.0	6
62	<p>The Psychomotor Vigilance Test Compared to a Divided Attention Steering Simulation in Patients with Moderate or Severe Obstructive Sleep Apnea</p>. <i>Nature and Science of Sleep</i> , 2020, Volume 12, 509-524.	1.4	8
63	Validation of the GOAL Questionnaire as an Obstructive Sleep Apnea Screening Instrument in Bariatric Surgery Candidates: a Brazilian Single-Center Study. <i>Obesity Surgery</i> , 2020, 30, 4802-4809.	1.1	12
64	Aberrant Awake Spontaneous Brain Activity in Obstructive Sleep Apnea: A Review Focused on Resting-State EEG and Resting-State fMRI. <i>Frontiers in Neurology</i> , 2020, 11, 768.	1.1	13
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71	Validation of Oximetry for Diagnosing Obstructive Sleep Apnea in a Clinical Setting. <i>Clocks & Sleep</i> , 2020, 2, 364-374.	0.9	5
72	Global Risk Factor Evaluation of Obstructive Sleep Apnea in Relation to Research Activity and Socioeconomic Factors. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6785.	1.2	4
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76	Prediction of cardiopulmonary events using the STOP-Bang questionnaire in patients undergoing bronchoscopy with moderate sedation. <i>Scientific Reports</i> , 2020, 10, 14471.	1.6	10

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77	Peripheral Arterial Tonometry Used to Distinguish Central And Obstructive Sleep Apnea Events. , 2020, , ,		0
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84	<p>Gender Differences in the Clinical and Polysomnographic Characteristics Among Australian Aboriginal Patients with Obstructive Sleep Apnea</p>. Nature and Science of Sleep, 2020, Volume 12, 593-602.	1.4	17
85	Screening for obstructive sleep apnea with novel hybrid acoustic smartphone app technology. Journal of Thoracic Disease, 2020, 12, 4476-4495.	0.6	39
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88	Obstructive sleep apnea and pulmonary hypertension: a bidirectional relationship. Journal of Clinical Sleep Medicine, 2020, 16, 1223-1224.	1.4	5
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90	<p>Positional Sleep Apnea Among Regional and Remote Australian Population and Simulated Positional Treatment Effects</p>. Nature and Science of Sleep, 2020, Volume 12, 1123-1135.	1.4	14
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97	Outcome of Public Hospital-Funded Continuous Positive Airway Therapy Device for Patients with Obstructive Sleep Apnoea: An Australian Perspective Study. <i>Sleep and Vigilance</i> , 2020, 4, 195-204.	0.4	13
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101	The Neuropsychological Profile of Attention Deficits of Patients with Obstructive Sleep Apnea: An Update on the Daytime Attentional Impairment. <i>Brain Sciences</i> , 2020, 10, 325.	1.1	19
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106	EAN/ERS/ESO/ESRS statement on the impact of sleep disorders on risk and outcome of stroke. <i>European Respiratory Journal</i> , 2020, 55, 1901104.	3.1	61
107	The future of sleep-disordered breathing: A public health crisis. <i>Respirology</i> , 2020, 25, 688-689.	1.3	0
108	Anthropometric Correlation with Pathophysiology of Obstructive Sleep Apnea (OSA): A Review. <i>Sleep and Vigilance</i> , 2020, 4, 95-103.	0.4	3
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110	Association between severity of obstructive sleep apnea and high-sensitivity C-reactive protein in patients with hypertrophic obstructive cardiomyopathy. <i>Clinical Cardiology</i> , 2020, 43, 803-811.	0.7	6
111	Estimating daytime sleepiness with previous night electroencephalography, electrooculography, and electromyography spectrograms in patients with suspected sleep apnea using a convolutional neural network. <i>Sleep</i> , 2020, 43, .	0.6	12
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113	Obstructive Sleep Apnea is Associated with Polycythemia in Hypogonadal Men on Testosterone Replacement Therapy. <i>Journal of Sexual Medicine</i> , 2020, 17, 1297-1303.	0.3	14
114	Is it time to redefine obstructive sleep apnoea?. <i>Respirology</i> , 2020, 25, 802-803.	1.3	2
115	Obstructive Sleep Apnea and Circulating Biomarkers of Oxidative Stress: A Cross-Sectional Study. <i>Antioxidants</i> , 2020, 9, 476.	2.2	21

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116	The Baby, the Bathwater, and the Polysomnogram. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 311-312.	2.5	6
117	Detection Performance Regarding Sleep Apnea-Hypopnea Episodes with Fuzzy Logic Fusion on Single-Channel Airflow Indexes. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1868.	1.3	5
118	Acupuncture for Obstructive Sleep Apnea (OSA) in Adults: A Systematic Review and Meta-Analysis. <i>BioMed Research International</i> , 2020, 2020, 1-10.	0.9	7
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120	Lifestyle and Risk Factor Modification for Reduction of Atrial Fibrillation: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2020, 141, e750-e772.	1.6	237
121	Effect of Sweating on Electrode-Skin Contact Impedances and Artifacts in EEG Recordings With Various Screen-Printed Ag/AgCl Electrodes. <i>IEEE Access</i> , 2020, 8, 50934-50943.	2.6	36
122	A machine learning-based test for adult sleep apnoea screening at home using oximetry and airflow. <i>Scientific Reports</i> , 2020, 10, 5332.	1.6	46
123	<p>Obstructive Sleep Apnea Screening with a 4-Item Instrument, Named GOAL Questionnaire: Development, Validation and Comparative Study with No-Apnea, STOP-Bang, and NoSAS<p>. <i>Nature and Science of Sleep</i> , 2020, Volume 12, 57-67.	1.4	32
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125	Contemporary Concise Review 2019: Sleep and ventilation. <i>Respirology</i> , 2020, 25, 552-558.	1.3	2
126	Weight loss intervention through lifestyle modification or pharmacotherapy for obstructive sleep apnoea in adults. <i>The Cochrane Library</i> , 2020, , .	1.5	0
127	Multidimensional Evaluation of Continuous Positive Airway Pressure (CPAP) Treatment for Sleep Apnea in Different Clusters of Couples. <i>Journal of Clinical Medicine</i> , 2020, 9, 1658.	1.0	11
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131	Obesity and cardiovascular disease in women. <i>International Journal of Obesity</i> , 2020, 44, 1210-1226.	1.6	62
132	Ten-year adherence to continuous positive airway pressure treatment in patients with moderate-to-severe obstructive sleep apnea. <i>Sleep and Breathing</i> , 2020, 24, 1565-1571.	0.9	12
133	Who May Benefit From Diuretics in OSA?. <i>Chest</i> , 2020, 158, 359-364.	0.4	17

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134	Untangling sex differences in obstructive sleep apnea: a significant step toward precision medicine. <i>Sleep</i> , 2020, 43, .	0.6	2
135	Accuracy of WatchPAT for the Diagnosis of Obstructive Sleep Apnea in Patients with Chronic Obstructive Pulmonary Disease. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2020, 17, 34-39.	0.7	35
136	Automated multi-model deep neural network for sleep stage scoring with unfiltered clinical data. <i>Sleep and Breathing</i> , 2020, 24, 581-590.	0.9	40
137	Heart Disease and Stroke Statisticsâ€™2020 Update: A Report From the American Heart Association. <i>Circulation</i> , 2020, 141, e139-e596.	1.6	5,545
138	Multimorbidity in COPD, does sleep matter?. <i>European Journal of Internal Medicine</i> , 2020, 73, 7-15.	1.0	16
139	Assessment of Mandibular Movement Monitoring With Machine Learning Analysis for the Diagnosis of Obstructive Sleep Apnea. <i>JAMA Network Open</i> , 2020, 3, e1919657.	2.8	39
140	From sleep medicine to medicine during sleep: a new paradigm. <i>Sleep</i> , 2020, 43, .	0.6	7
141	Sleep Apnea Severity Estimation From Tracheal Movements Using a Deep Learning Model. <i>IEEE Access</i> , 2020, 8, 22641-22649.	2.6	34
142	Sleep disordered breathing. <i>Canadian Journal of Respiratory, Critical Care, and Sleep Medicine</i> , 2020, 4, S15-S17.	0.2	0
143	Putative contributions of circadian clock and sleep in the context of SARS-CoV-2 infection. <i>European Respiratory Journal</i> , 2020, 55, 2001023.	3.1	56
145	Obstructive sleep apnoea and cardiovascular consequences: Pathophysiological mechanisms. <i>Archives of Cardiovascular Diseases</i> , 2020, 113, 350-358.	0.7	103
146	Effect of Venlafaxine on Apnea-Hypopnea Index in Patients With Sleep Apnea. <i>Chest</i> , 2020, 158, 765-775.	0.4	10
147	Efficacy of CPAP for Improvements in Sleepiness, Cognition, Mood, and Quality of Life in Elderly Patients With OSA. <i>Chest</i> , 2020, 158, 751-764.	0.4	64
148	Personalized Treatment of Obstructive Sleep Apnea. <i>Otolaryngologic Clinics of North America</i> , 2020, 53, xvii-xviii.	0.5	0
149	Screening commercial drivers for sleep apnea: are profits and public safety aligned?. <i>Sleep</i> , 2020, 43, .	0.6	3
150	Effect of mandibular advancement device on the stomatognathic system in patients with mildâ€™toâ€™moderate obstructive sleep apnoeaâ€™hypopnoea syndrome. <i>Journal of Oral Rehabilitation</i> , 2020, 47, 889-901.	1.3	9
151	Single-channel oximetry monitor versus in-lab polysomnography oximetry analysis: does it make a difference?. <i>Physiological Measurement</i> , 2020, 41, 044007.	1.2	12
152	Dental sleep medicine: Time to incorporate sleep apnoea education in the dental curriculum. <i>European Journal of Dental Education</i> , 2020, 24, 605-610.	1.0	13

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154	Implication of Apnea-Hypopnea Index, a Measure of Obstructive Sleep Apnea Severity, for Atrial Fibrillation in Patients With Hypertrophic Cardiomyopathy. <i>Journal of the American Heart Association</i> , 2020, 9, e015013.	1.6	16
155	Suboptimal CPAP adherence: half a loaf is better than no bread at all. <i>European Respiratory Journal</i> , 2020, 55, 2000144.	3.1	5
156	Understanding the pathophysiological mechanisms of cardiometabolic complications in obstructive sleep apnoea: towards personalised treatment approaches. <i>European Respiratory Journal</i> , 2020, 56, 1902295.	3.1	37
157	Wearable Cardiorespiratory Monitoring Employing a Multimodal Digital Patch Stethoscope: Estimation of ECG, PEP, LVET and Respiration Using a 55 mm Single-Lead ECG and Phonocardiogram. <i>Sensors</i> , 2020, 20, 2033.	2.1	54
158	Obstructive sleep apnea and cardiovascular disease: It is not how much we know but rather how much more we need to learn. <i>Postgraduate Medicine</i> , 2020, 132, 403-405.	0.9	0
159	Sea level nocturnal minimal oxygen saturation can accurately detect the presence of obstructive sleep apnea in a population with high pretest probability. <i>Sleep and Breathing</i> , 2021, 25, 171-179.	0.9	1
160	Efficacy of continuous positive airway pressure on subcutaneous adipose tissue in patients with obstructive sleep apnea: a meta-analysis of randomized controlled trials. <i>Sleep and Breathing</i> , 2021, 25, 1-8.	0.9	2
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