Danny J Eckert

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8857883/publications.pdf

Version: 2024-02-01

180 papers	9,431 citations	44069 48 h-index	43889 91 g-index
182 all docs	182 docs citations	182 times ranked	4250 citing authors

#	Article	IF	Citations
1	Defining Phenotypic Causes of Obstructive Sleep Apnea. Identification of Novel Therapeutic Targets. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 996-1004.	5.6	823
2	Pathophysiology of Adult Obstructive Sleep Apnea. Proceedings of the American Thoracic Society, 2008, 5, 144-153.	3.5	459
3	Central Sleep Apnea. Chest, 2007, 131, 595-607.	0.8	453
4	Phenotypic approaches to obstructive sleep apnoea â€“ New pathways for targeted therapy. Sleep Medicine Reviews, 2018, 37, 45-59.	8.5	325
5	Eszopiclone increases the respiratory arousal threshold and lowers the apnoea/hypopnoea index in obstructive sleep apnoea patients with a low arousal threshold. Clinical Science, 2011, 120, 505-514.	4.3	281
6	Obstructive sleep apnea: current perspectives. Nature and Science of Sleep, 2018, Volume 10, 21-34.	2.7	268
7	Definition, discrimination, diagnosis and treatment of central breathing disturbances during sleep. European Respiratory Journal, 2017, 49, 1600959.	6.7	239
8	Arousal from sleep: implications for obstructive sleep apnea pathogenesis and treatment. Journal of Applied Physiology, 2014, 116, 302-313.	2.5	235
9	Treating Obstructive Sleep Apnea with Hypoglossal Nerve Stimulation. Sleep, 2011, 34, 1479-1486.	1.1	229
10	Acetazolamide improves loop gain but not the other physiological traits causing obstructive sleep apnoea. Journal of Physiology, 2012, 590, 1199-1211.	2.9	226
11	Clinical Predictors of the Respiratory Arousal Threshold in Patients with Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 1293-1300.	5.6	221
12	A method for measuring and modeling the physiological traits causing obstructive sleep apnea. Journal of Applied Physiology, 2011, 110, 1627-1637.	2.5	204
13	Quantifying the ventilatory control contribution to sleep apnoea using polysomnography. European Respiratory Journal, 2015, 45, 408-418.	6.7	195
14	The Combination of Atomoxetine and Oxybutynin Greatly Reduces Obstructive Sleep Apnea Severity. A Randomized, Placebo-controlled, Double-Blind Crossover Trial. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 1267-1276.	5.6	191
15	Personalized Management Approach for OSA. Chest, 2018, 153, 744-755.	0.8	165
16	Mechanisms of Apnea. Progress in Cardiovascular Diseases, 2009, 51, 313-323.	3.1	149
17	Airway Dilator Muscle Activity and Lung Volume During Stable Breathing in Obstructive Sleep Apnea. Sleep, 2009, 32, 361-368.	1.1	147
18	Upper Airway Collapsibility (Pcrit) and Pharyngeal Dilator Muscle Activity are Sleep Stage Dependent. Sleep, 2016, 39, 511-521.	1.1	129

#	Article	IF	Citations
19	Obstructive Sleep Apnea in Older Adults is a Distinctly Different Physiological Phenotype. Sleep, 2014, 37, 1227-1236A.	1.1	128
20	Upper Airway Collapsibility is Associated with Obesity and Hyoid Position. Sleep, 2014, 37, 1673-1678.	1.1	125
21	Trazodone Increases the Respiratory Arousal Threshold in Patients with Obstructive Sleep Apnea and a Low Arousal Threshold. Sleep, 2014, 37, 811-819.	1.1	122
22	The Influence of Obstructive Sleep Apnea and Gender on Genioglossus Activity During Rapid Eye Movement Sleep. Chest, 2009, 135, 957-964.	0.8	113
23	An Integrative Model of Physiological Traits Can be Used to Predict Obstructive Sleep Apnea and Response to Non Positive Airway Pressure Therapy. Sleep, 2015, 38, 961-70.	1.1	110
24	The influence of end-expiratory lung volume on measurements of pharyngeal collapsibility. Journal of Applied Physiology, 2010, 108, 445-451.	2.5	104
25	Enhanced Upper-Airway Muscle Responsiveness Is a Distinct Feature of Overweight/Obese Individuals without Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 930-937.	5.6	104
26	Obstructive Sleep Apnea without Obesity Is Common and Difficult to Treat: Evidence for a Distinct Pathophysiological Phenotype. Journal of Clinical Sleep Medicine, 2017, 13, 81-88.	2.6	99
27	Neurogenic Changes in the Upper Airway of Patients with Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 322-329.	5.6	97
28	The Combination of Supplemental Oxygen and a Hypnotic Markedly Improves Obstructive Sleep Apnea in Patients with a Mild to Moderate Upper Airway Collapsibility. Sleep, 2016, 39, 1973-1983.	1.1	97
29	Desipramine improves upper airway collapsibility and reduces OSA severity in patients with minimal muscle compensation. European Respiratory Journal, 2016, 48, 1340-1350.	6.7	95
30	Ventilatory Response to Brief Arousal from Nonâ€“Rapid Eye Movement Sleep Is Greater in Men Than in Women. American Journal of Respiratory and Critical Care Medicine, 2003, 168, 1512-1519.	5.6	84
31	Genioglossus reflex inhibition to upper-airway negative-pressure stimuli during wakefulness and sleep in healthy males. Journal of Physiology, 2007, 581, 1193-1205.	2.9	84
32	Zopiclone Increases the Arousal Threshold without Impairing Genioglossus Activity in Obstructive Sleep Apnea. Sleep, 2016, 39, 757-766.	1.1	82
33	Arousal Intensity is a Distinct Pathophysiological Trait in Obstructive Sleep Apnea. Sleep, 2016, 39, 2091-2100.	1.1	82
34	Sensorimotor function of the upper-airway muscles and respiratory sensory processing in untreated obstructive sleep apnea. Journal of Applied Physiology, 2011, 111, 1644-1653.	2.5	80
35	Termination of Respiratory Events with and without Cortical Arousal in Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 1183-1191.	5.6	76
36	Desipramine Increases Genioglossus Activity and Reduces Upper Airway Collapsibility during Non-REM Sleep in Healthy Subjects. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 878-885.	5.6	74

#	Article	IF	Citations
37	Multinight Prevalence, Variability, and Diagnostic Misclassification of Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 563-569.	5.6	72
38	Functional Role of Neural Injury in Obstructive Sleep Apnea. Frontiers in Neurology, 2012, 3, 95.	2.4	69
39	Critical closing pressure during midazolam-induced sleep. Journal of Applied Physiology, 2011, 111, 1315-1322.	2.5	66
40	Polysomnographic Endotyping to Select Patients with Obstructive Sleep Apnea for Oral Appliances. Annals of the American Thoracic Society, 2019, 16, 1422-1431.	3.2	65
41	Obstructive sleep apnoea pathogenesis from mild to severe: Is it all the same?. Respirology, 2017, 22, 33-42.	2.3	64
42	Therapeutic CPAP Level Predicts Upper Airway Collapsibility in Patients With Obstructive Sleep Apnea. Sleep, 2017, 40, .	1.1	62
43	Bi-directional relationships between co-morbid insomnia and sleep apnea (COMISA). Sleep Medicine Reviews, 2021, 60, 101519.	8.5	60
44	Role of common hypnotics on the phenotypic causes of obstructive sleep apnoea: paradoxical effects of zolpidem. European Respiratory Journal, 2017, 50, 1701344.	6.7	57
45	Upper airway function in the pathogenesis of obstructive sleep apnea: a review of the current literature. Current Opinion in Pulmonary Medicine, 2008, 14, 519-524.	2.6	54
46	Effects of Inhaled Fluticasone on Upper Airway during Sleep and Wakefulness in Asthma: A Pilot Study. Journal of Clinical Sleep Medicine, 2014, 10, 183-193.	2.6	54
47	Hypoxia Suppresses Symptom Perception in Asthma. American Journal of Respiratory and Critical Care Medicine, 2004, 169, 1224-1230.	5.6	51
48	The effect of increased genioglossus activity and end-expiratory lung volume on pharyngeal collapse. Journal of Applied Physiology, 2010, 109, 469-475.	2.5	50
49	Comorbid insomnia and sleep apnoea is associated with all-cause mortality. European Respiratory Journal, 2022, 60, 2101958.	6.7	50
50	Phenotypes of responders to mandibular advancement device therapy in obstructive sleep apnea patients: A systematic review and meta-analysis. Sleep Medicine Reviews, 2020, 49, 101229.	8.5	49
51	Recruitment and rate-coding strategies of the human genioglossus muscle. Journal of Applied Physiology, 2010, 109, 1939-1949.	2.5	48
52	Dose-dependent effects of mandibular advancement on upper airway collapsibility and muscle function in obstructive sleep apnea. Sleep, 2019, 42, .	1.1	46
53	The noradrenergic agent reboxetine plus the antimuscarinic hyoscine butylbromide reduces sleep apnoea severity: a doubleâ€blind, placeboâ€controlled, randomised crossover trial. Journal of Physiology, 2021, 599, 4183-4195.	2.9	46
54	Hypoxia impairs the arousal response to external resistive loading and airway occlusion during sleep. Sleep, 2006, 29, 624-31.	1.1	45

#	Article	IF	Citations
55	Changes in respiration in NREM sleep in hypercapnic chronic obstructive pulmonary disease. Journal of Physiology, 2004, 559, 663-673.	2.9	42
56	Zolpidem increases sleep efficiency and the respiratory arousal threshold without changing sleep apnoea severity and pharyngeal muscle activity. Journal of Physiology, 2020, 598, 4681-4692.	2.9	42
57	A Novel Model to Estimate Key Obstructive Sleep Apnea Endotypes from Standard Polysomnography and Clinical Data and Their Contribution to Obstructive Sleep Apnea Severity. Annals of the American Thoracic Society, 2021, 18, 656-667.	3.2	42
58	Mechanisms contributing to the response of upper-airway muscles to changes in airway pressure. Journal of Applied Physiology, 2015, 118, 1221-1228.	2.5	40
59	Sitting and Supine Esophageal Pressures in Overweight and Obese Subjects. Obesity, 2012, 20, 2354-2360.	3.0	37
60	Cognitive behavioural therapy for insomnia reduces sleep apnoea severity: a randomised controlled trial. ERJ Open Research, 2020, 6, 00161-2020.	2.6	36
61	Upper airway collapsibility and patterns of flow limitation at constant end-expiratory lung volume. Journal of Applied Physiology, 2012, 113, 691-699.	2.5	35
62	Sustained Hypoxia Depresses Sensory Processing of Respiratory Resistive Loads. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 1047-1054.	5.6	33
63	Research Priorities for Patients with Heart Failure and Central Sleep Apnea. An Official American Thoracic Society Research Statement. American Journal of Respiratory and Critical Care Medicine, 2021, 203, e11-e24.	5.6	31
64	Different antimuscarinics when combined with atomoxetine have differential effects on obstructive sleep apnea severity. Journal of Applied Physiology, 2021, 130, 1373-1382.	2.5	31
65	Effect of 1â€…month of zopiclone on obstructive sleep apnoea severity and symptoms: a randomised controlled trial. European Respiratory Journal, 2018, 52, 1800149.	6.7	30
66	The effect of acute morphine on obstructive sleep apnoea: a randomised double-blind placebo-controlled crossover trial. Thorax, 2019, 74, 177-184.	5.6	29
67	Effects of hypnotics on obstructive sleep apnea endotypes and severity: Novel insights into pathophysiology and treatment. Sleep Medicine Reviews, 2021, 58, 101492.	8.5	29
68	Ventilatory Drive Withdrawal Rather Than Reduced Genioglossus Compensation as a Mechanism of Obstructive Sleep Apnea in REM Sleep. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 219-232.	5.6	29
69	The classical Starling resistor model often does not predict inspiratory airflow patterns in the human upper airway. Journal of Applied Physiology, 2014, 116, 1105-1112.	2.5	28
70	Sleep-Disordered Breathing in People with Multiple Sclerosis: Prevalence, Pathophysiological Mechanisms, and Disease Consequences. Frontiers in Neurology, 2017, 8, 740.	2.4	28
71	Reboxetine and hyoscine butylbromide improve upper airway function during nonrapid eye movement and suppress rapid eye movement sleep in healthy individuals. Sleep, 2019, 42, .	1.1	28
72	Novel avenues to approach non-CPAP therapy and implement comprehensive obstructive sleep apnoea care. European Respiratory Journal, 2022, 59, 2101788.	6.7	28

#	Article	IF	Citations
73	Discharge Patterns of Human Tensor Palatini Motor Units During Sleep Onset. Sleep, 2012, 35, 699-707.	1.1	27
74	A pragmatic, phase III, multisite, double-blind, placebo-controlled, parallel-arm, dose increment randomised trial of regular, low-dose extended-release morphine for chronic breathlessness: Breathlessness, Exertion And Morphine Sulfate (BEAMS) study protocol. BMJ Open, 2017, 7, e018100.	1.9	27
75	Genioglossus reflex responses to negative upper airway pressure are altered in people with tetraplegia and obstructive sleep apnoea. Journal of Physiology, 2018, 596, 2853-2864.	2.9	27
76	Upper Airway Myopathy is Not Important in the Pathophysiology of Obstructive Sleep Apnea. Journal of Clinical Sleep Medicine, 2007, 03, 570-573.	2.6	27
77	Cardiac changes during arousals from non-REM sleep in healthy volunteers. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 292, R1320-R1327.	1.8	25
78	Effects of pentobarbital on upper airway patency during sleep. European Respiratory Journal, 2010, 36, 569-576.	6.7	25
79	Acute Sustained Hypoxia Suppresses the Cough Reflex in Healthy Subjects. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 506-511.	5.6	24
80	Upper airway collapsibility measured using a simple wakefulness test closely relates to the pharyngeal critical closing pressure during sleep in obstructive sleep apnea. Sleep, 2019, 42, .	1.1	24
81	Addition of zolpidem to combination therapy with atomoxetineâ€oxybutynin increases sleep efficiency and the respiratory arousal threshold in obstructive sleep apnoea: A randomized trial. Respirology, 2021, 26, 878-886.	2.3	24
82	Nasal Resistance Is Elevated in People with Tetraplegia and Is Reduced by Topical Sympathomimetic Administration. Journal of Clinical Sleep Medicine, 2016, 12, 1487-1492.	2.6	23
83	Qualitative Phenotyping of Obstructive Sleep Apnea and Its Clinical Usefulness for the Sleep Specialist. International Journal of Environmental Research and Public Health, 2020, 17, 2058.	2.6	23
84	Mild Airflow Limitation during N2 Sleep Increases K-complex Frequency and Slows Electroencephalographic Activity. Sleep, 2016, 39, 541-550.	1.1	22
85	An automated and reliable method for breath detection during variable mask pressures in awake and sleeping humans. PLoS ONE, 2017, 12, e0179030.	2.5	20
86	Influence of pharyngeal muscle activity on inspiratory negative effort dependence in the human upper airway. Respiratory Physiology and Neurobiology, 2014, 201, 55-59.	1.6	19
87	Effects of Tiagabine on Slow Wave Sleep and Arousal Threshold in Patients With Obstructive Sleep Apnea. Sleep, 2017, 40, .	1.1	19
88	A secondary reflex suppression phase is present in genioglossus but not tensor palatini in response to negative upper airway pressure. Journal of Applied Physiology, 2010, 108, 1619-1624.	2.5	18
89	Inspiratory preâ€motor potentials during quiet breathing in ageing and chronic obstructive pulmonary disease. Journal of Physiology, 2018, 596, 6173-6189.	2.9	18
90	New and Emerging Approaches to Better Define Sleep Disruption and Its Consequences. Frontiers in Neuroscience, 2021, 15, 751730.	2.8	18

#	Article	IF	Citations
91	High nasal resistance is stable over time but poorly perceived in people with tetraplegia and obstructive sleep apnoea. Respiratory Physiology and Neurobiology, 2017, 235, 27-33.	1.6	17
92	Extended-Release Morphine for Chronic Breathlessness in Pulmonary Arterial Hypertensionâ€"A Randomized, Double-Blind, Placebo-Controlled, Crossover Study. Journal of Pain and Symptom Management, 2018, 56, 483-492.	1.2	17
93	Phenotypic approach to pharmacotherapy in the management of obstructive sleep apnoea. Current Opinion in Pulmonary Medicine, 2019, 25, 594-601.	2.6	17
94	Regional respiratory movement of the tongue is coordinated during wakefulness and is larger in severe obstructive sleep apnoea. Journal of Physiology, 2020, 598, 581-597.	2.9	17
95	Morphine alters respiratory control but not other key obstructive sleep apnoea phenotypes: a randomised trial. European Respiratory Journal, 2020, 55, 1901344.	6.7	17
96	Hypoxia Impairs the Arousal Response to External Resistive Loading and Airway Occlusion During Sleep. Sleep, 2006, , .	1.1	16
97	Drug effects on ventilatory control and upper airway physiology related to sleep apnea. Respiratory Physiology and Neurobiology, 2013, 188, 257-266.	1.6	16
98	Arousal from Sleep Does Not Lead to Reduced Dilator Muscle Activity or Elevated Upper Airway Resistance on Return to Sleep in Healthy Individuals. Sleep, 2015, 38, 53-59.	1.1	16
99	Randomized Trial on the Effects of High-Dose Zopiclone on OSA Severity, Upper Airway Physiology, and Alertness. Chest, 2020, 158, 374-385.	0.8	16
100	Vulnerability to Postoperative Complications in Obstructive Sleep Apnea: Importance of Phenotypes. Anesthesia and Analgesia, 2021, 132, 1328-1337.	2.2	16
101	A Novel Electroencephalogram-derived Measure of Disrupted Delta Wave Activity during Sleep Predicts All-Cause Mortality Risk. Annals of the American Thoracic Society, 2022, 19, 649-658.	3.2	16
102	Stable breathing through deeper sleeping. Thorax, 2010, 65, 95-96.	5.6	15
103	Phenotypic approaches to positional therapy for obstructive sleep apnoea. Sleep Medicine Reviews, 2018, 37, 175-176.	8.5	15
104	The association of coâ€morbid insomnia and sleep apnea with prevalent cardiovascular disease and incident cardiovascular events. Journal of Sleep Research, 2022, 31, e13563.	3.2	15
105	Effects of hypoxia on genioglossus and scalene reflex responses to brief pulses of negative upper-airway pressure during wakefulness and sleep in healthy men. Journal of Applied Physiology, 2008, 104, 1426-1435.	2.5	14
106	Central sleep apnea in multiple sclerosis: a pilot study. Sleep and Breathing, 2017, 21, 691-696.	1.7	14
107	New insights into the timing and potential mechanisms of respiratory-induced cortical arousals in obstructive sleep apnea. Sleep, 2018, 41, .	1.1	14
108	Respiratory-related displacement of the trachea in obstructive sleep apnea. Journal of Applied Physiology, 2019, 127, 1307-1316.	2.5	14

#	Article	IF	Citations
109	The effects of zolpidem in obstructive sleep apnea â€“ An openâ€label pilot study. Journal of Sleep Research, 2019, 28, e12853.	3.2	14
110	A novel EEG marker predicts perceived sleepiness and poor sleep quality. Sleep, 2022, 45, .	1.1	14
111	Effect of 4-Aminopyridine on Genioglossus Muscle Activity during Sleep in Healthy Adults. Annals of the American Thoracic Society, 2017, 14, 1177-1183.	3.2	13
112	Combination therapy with mandibular advancement and expiratory positive airway pressure valves reduces obstructive sleep apnea severity. Sleep, 2019, 42, .	1.1	13
113	Blunted sensation of dyspnoea and near fatal asthma. European Respiratory Journal, 2004, 24, 197-199.	6.7	12
114	Dose-dependent effects of mandibular advancement on optimal positive airway pressure requirements in obstructive sleep apnoea. Sleep and Breathing, 2020, 24, 961-969.	1.7	12
115	Efficacy of a novel oral appliance and the role of posture on nasal resistance in obstructive sleep apnea. Journal of Clinical Sleep Medicine, 2020, 16, 483-492.	2.6	12
116	Pathophysiology & genetics of obstructive sleep apnoea. Indian Journal of Medical Research, 2010, 131, 176-87.	1.0	12
117	Effects of lowâ€dose morphine on perceived sleep quality in patients with refractory breathlessness: A hypothesis generating study. Respirology, 2016, 21, 386-391.	2.3	11
118	Concomitant benzodiazepine and opioids decrease sleep apnoea risk in chronic pain patients. ERJ Open Research, 2020, 6, 00093-2020.	2.6	11
119	An assessment of a simple clinical technique to estimate pharyngeal collapsibility in people with obstructive sleep apnea. Sleep, 2020, 43, .	1.1	11
120	Upper airway myopathy is not important in the pathophysiology of obstructive sleep apnea. Journal of Clinical Sleep Medicine, 2007, 3, 570-3.	2.6	11
121	The effects of hypoxia on load compensation during sustained incremental resistive loading in patients with obstructive sleep apnea. Journal of Applied Physiology, 2007, 103, 234-239.	2.5	10
122	Effects of morphine on respiratory load detection, load magnitude perception, and tactile sensation in obstructive sleep apnea. Journal of Applied Physiology, 2018, 125, 393-400.	2.5	10
123	Treatment for obstructive sleep apnoea and cardiovascular diseases: are we aiming at the wrong target?. Lancet Respiratory Medicine,the, 2020, 8, 323-325.	10.7	10
124	CPAP combined with oral appliance therapy reduces CPAP requirements and pharyngeal pressure swings in obstructive sleep apnea. Journal of Applied Physiology, 2020, 129, 1085-1091.	2.5	10
125	Effect of upper airway fat on tongue dilation during inspiration in awake people with obstructive sleep apnea. Sleep, 2021, 44, .	1.1	10
126	BAY 2253651 for the treatment of obstructive sleep apnoea: a multicentre, double-blind, randomised controlled trial (SANDMAN). European Respiratory Journal, 2021, 58, 2101937.	6.7	10

#	Article	IF	Citations
127	Impaired central control of sleep depth propensity as a common mechanism for excessive overnight wake time: implications for sleep apnea, insomnia and beyond. Journal of Clinical Sleep Medicine, 2020, 16, 341-343.	2.6	10
128	Alcohol Alters Sensory Processing to Respiratory Stimuli in Healthy Men and Women During Wakefulness. Sleep, 2010, 33, 1389-1395.	1.1	9
129	Changes in pharyngeal collapsibility and genioglossus reflex responses to negative pressure during the respiratory cycle in obstructive sleep apnoea. Journal of Physiology, 2020, 598, 567-580.	2.9	9
130	Patient experiences of sleep in dialysis: systematic review of qualitative studies. Sleep Medicine, 2021, 80, 66-76.	1.6	9
131	Altered K-complex morphology during sustained inspiratory airflow limitation is associated with next-day lapses in vigilance in obstructive sleep apnea. Sleep, 2021, 44, .	1.1	8
132	Chronic breathlessness and sleep problems: a population-based survey. BMJ Open, 2021, 11, e046425.	1.9	8
133	Altered swallowing biomechanics in people with moderate-severe obstructive sleep apnea. Journal of Clinical Sleep Medicine, 2021, 17, 1793-1803.	2.6	8
134	Physiological responses and perceived comfort to high-flow nasal cannula therapy in awake adults: effects of flow magnitude and temperature. Journal of Applied Physiology, 2021, 131, 1772-1782.	2.5	8
135	Reply: Arousal Threshold in Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 373-374.	5.6	7
136	A randomised controlled trial of nasal decongestant to treat obstructive sleep apnoea in people with cervical spinal cord injury. Spinal Cord, 2019, 57, 579-585.	1.9	7
137	Influence of mandibular advancement on tongue dilatory movement during wakefulness and how this is related to oral appliance therapy outcome for obstructive sleep apnea. Sleep, 2021, 44, .	1.1	7
138	High-quality and anti-inflammatory diets and a healthy lifestyle are associated with lower sleep apnea risk. Journal of Clinical Sleep Medicine, 2022, 18, 1667-1679.	2.6	7
139	Is fluid overload a target to treat sleep disordered breathing in patients with end-stage renal disease, and what are the underlying mechanisms?. European Respiratory Journal, 2017, 49, 1700443.	6.7	6
140	Isolating peripheral effects of endogenous opioids in modulating exertional breathlessness in people with moderate or severe COPD: a randomised controlled trial. ERJ Open Research, 2019, 5, 00153-2019.	2.6	6
141	Sleep Apnea Phenotyping: Implications for Dental Sleep Medicine. Journal of Dental Sleep Medicine, 2019, 6, .	0.1	6
142	Hypoglossal nerve stimulation therapy does not alter tongue protrusion strength and fatigability in obstructive sleep apnea. Journal of Clinical Sleep Medicine, 2020, 16, 285-292.	2.6	6
143	Development of a physiological-based model that uses standard polysomnography and clinical data to predict oral appliance treatment outcomes in obstructive sleep apnea. Journal of Clinical Sleep Medicine, 2022, 18, 861-870.	2.6	6
144	A systematic review and meta-analysis of upper airway sensation in obstructive sleep apnea â€“ Implications for pathogenesis, treatment and future research directions. Sleep Medicine Reviews, 2022, 62, 101589.	8.5	6

#	Article	IF	Citations
145	Association Between Sleep Microstructure and Incident Hypertension in a Populationâ€Based Sample: The HypnoLaus Study. Journal of the American Heart Association, 2022, 11, .	3.7	6
146	Polysomnography with an epiglottic pressure catheter does not alter obstructive sleep apnea severity or sleep efficiency. Journal of Sleep Research, 2019, 28, e12773.	3.2	5
147	Mandibular advancement splint response is associated with the pterygomandibular raphe. Sleep, 2021, 44, .	1.1	5
148	Task-dependent neural control of regions within human genioglossus. Journal of Applied Physiology, 2022, 132, 527-540.	2.5	5
149	Current Knowledge and Perspectives for Pharmacological Treatment in OSA. Archivos De Bronconeumologia, 2022, 58, 681-684.	0.8	5
150	Opioid Use Disorder, Sleep Deficiency, and Ventilatory Control: Bidirectional Mechanisms and Therapeutic Targets. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 937-949.	5.6	5
151	The human upper airway: more than a floppy tube. Journal of Applied Physiology, 2014, 116, 288-290.	2.5	4
152	Reply: Is the Muscle the Only Potential Target of Desipramine in Obstructive Sleep Apnea Syndrome?. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 1678-1679.	5.6	4
153	Editorial: Obstructive Sleep Apnea and the Brain. Frontiers in Surgery, 2018, 5, 78.	1.4	4
154	Nocturnal swallowing augments arousal intensity and arousal tachycardia. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 8624-8632.	7.1	4
155	Knowledge, attitudes, and practice patterns of obstructive sleep apnea among speech-language pathologists. Sleep and Breathing, 2022, 26, 1141-1152.	1.7	4
156	Impaired pharyngeal reflex responses to negative pressure: a novel cause of sleep apnea in multiple sclerosis. Journal of Applied Physiology, 2022, 132, 815-823.	2.5	4
157	Hypoxia and Sleep Disordered Breathing: Friend or Foe?. American Journal of Respiratory and Critical Care Medicine, 2022, , .	5.6	4
158	Reply to Martinez-Garcia et al. and to Abreu and Punjabi. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 126-129.	5.6	4
159	The Combination of Betahistine and Oxybutynin Increases Respiratory Control Sensitivity (Loop Gain) in People with Obstructive Sleep Apnea: A Randomized, Placebo-Controlled Trial. Nature and Science of Sleep, 0, Volume 14, 1063-1074.	2.7	4
160	Breath-to-breath reflex modulation of genioglossus muscle activity in obstructive sleep apnea. Sleep Medicine, 2016, 21, 45-46.	1.6	3
161	Respiratory Physiology. , 2017, , 167-173.e4.		3
162	Central apnea and decreased drive to upper airway motoneurons during high flow nasal cannula therapy. Sleep Medicine, 2020, 69, 98-99.	1.6	3

#	Article	IF	Citations
163	Obstructive sleep apnea endotypes and their postoperative relevance. International Anesthesiology Clinics, 2022, 60, 1-7.	0.8	3
164	The relationship between mandibular advancement, tongue movement, and treatment outcome in obstructive sleep apnea. Sleep, 2022, , .	1.1	3
165	Pathogenesis of sleep apnea. , 2020, , 55-66.		2
166	Obstructive Sleep Apnea Phenotyping to Understand Pathophysiology and Improve Treatment and Outcomes. , 2022, , 22-33.		2
167	Swallowing biomechanics before and following multi-level upper airway surgery for obstructive sleep apnea. Journal of Clinical Sleep Medicine, 2022, 18, 1167-1176.	2.6	2
168	Common Drive in Hypoglossal and Trigeminal Motor Neurons. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 1280-1280.	5.6	1
169	The Effect of Hypopnea Scoring on the Arousal Threshold in Patients with Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1308-1311.	5.6	1
170	Tongue acceleration in humans evoked with intramuscular electrical stimulation of genioglossus. Respiratory Physiology and Neurobiology, 2022, 295, 103786.	1.6	1
171	Central sleep apnoea. , 2010, , 381-395.		1
172	Regional genioglossus reflex responses to negative pressure pulses in people with obstructive sleep apnea. Journal of Applied Physiology, 2022, 133, 755-765.	2.5	1
173	When insulin has to work hard to keep the sugar at bay the upper airway collapses away. European Respiratory Journal, 2016, 47, 1611-1614.	6.7	0
174	0440 A Model to Evaluate the Contribution of Pathophysiological Phenotypes to OSA Severity and Develop Simplified Approaches to Estimate the Key Phenotypic Traits that Contribute to OSA. Sleep, 2019, 42, A177-A178.	1.1	0
175	437 Efficacy of a novel oral appliance and the influence of OSA pathophysiological traits on treatment response. Sleep, 2021, 44, A173-A173.	1.1	0
176	Postural effects on nasal resistance in obstructive sleep apnoea (OSA) and efficacy of a novel oral appliance. , 2018, , .		0
177	Combined CPAP and oral appliance (OA) therapy reduces PAP requirements and pharyngeal pressure (Pepi) swings in OSA. , 2018, , .		0
178	Accuracy of Heart Rate estimation from DC polarised elastomer respiratory sensors. , 2019, , .		0
179	Central sleep apnea due to other medical disorders- not Cheyne-Stokes. , 2023, , 84-95.		0
180	0204 Sleep Irregularity Is Associated with Increased Risk of Hypertension: Data From Over Two Million Nights. Sleep, 2022, 45, A93-A94.	1.1	0